



2026 | **MULTI V™**

2026

MULTI V™

LG HVAC SOLUTION

Life's Good.



LG Electronics

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Distributed by



032

OUTDOOR UNITS

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MULTI V HEAT PUMP WITH AI	072
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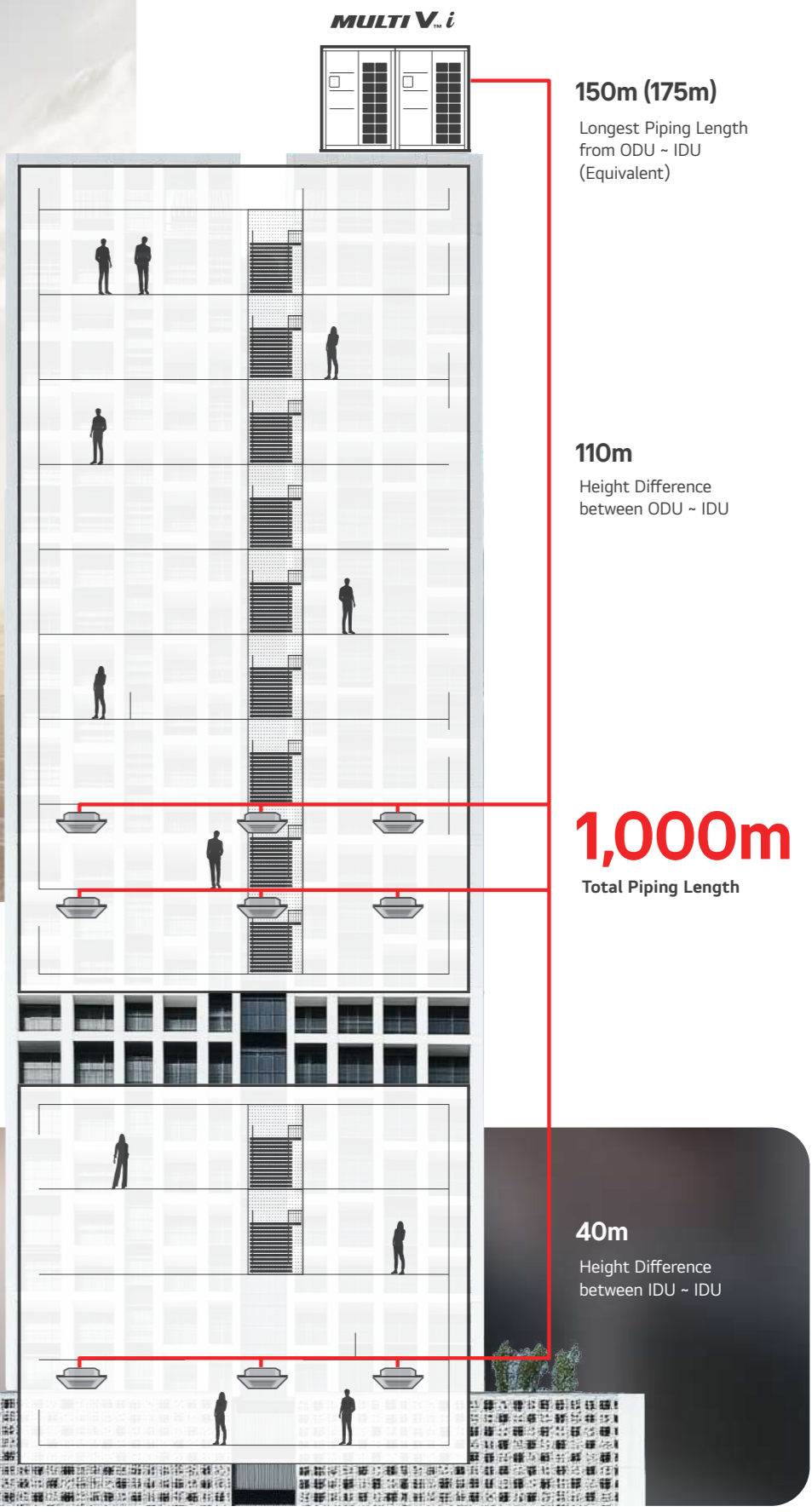
ThinQ™



35°C

Sunny City
Mon, 12 March, 16:42

Energy Saving



OUTDOOR UNITS

MULTI V.i

MULTI VTM i

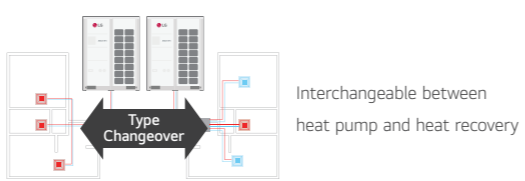
Highlights

- 
 Energy savings
- 
 Reliability
- 
 Low noise
- 
 Advanced performance

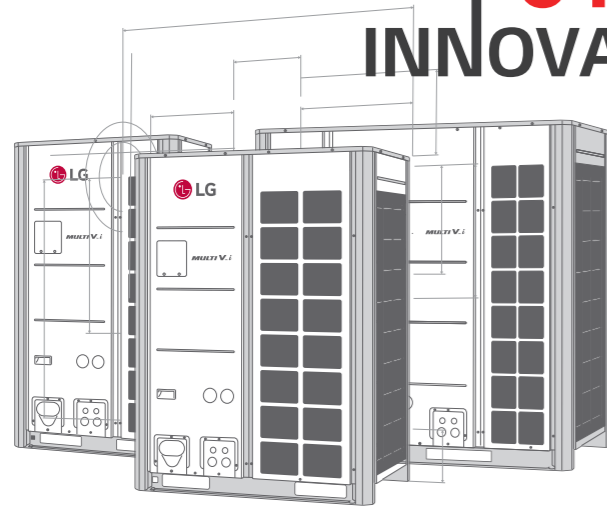
- Air-cooled VRF Heat Pump & Heat Recovery
- 22.4kW - 268.8kW (Cooling capacity based)
- 3Ø, 380 - 415V, 50Hz
- Top discharge outdoor unit
- Ability to function as Heat Pump or Heat Recovery

How does it work?

- 
 Dual Sensing
- 
 Partial Defrost



01 INNOVATIVE



Innovative Energy efficiency / Performance realization

- Maximum 26HP for a Single Outdoor Unit
- Compact Design with Larger Capacity
- Powerful Performance
- Powerful Cooling Performance
- Powerful Heating Performance
- Newly Designed Compact Fan
- Flexible Outdoor Units Combination
- Corrosion Resistant

02 INTELLIGENT

Recognizes various environments & optimizes itself through its AI Engine

EFFICIENCY UP

- AI Smart Care
- AI Energy Waste Alert
- AI Energy Management

COMFORT UP

- AI Noise Adaptive Control
- Noise Target Control
- Weather Information
- Interlocking Control

SMART UP

- Smart Diagnosis
- Large Capacity Black Box
- Auto Tuning System



03 INTERACTIVE

Upgrading & evolutionary system according to customer

- LG's Control Solution
- New Innovative Controller
- Smart GUI



Interlocking System

- A/C (Air Conditioner)
- LG AHU
- Valve / Pump AO (Analog Output)
- Occupancy Sensor / Alarm / Key-Tag DI (Digital Input)
- Fan / Lighting / Switch DO (Digital Output)
- Temperature / Humidity / CO₂ Sensor AI (Analog Input)



Maximum 26 HP for a Single Outdoor Unit

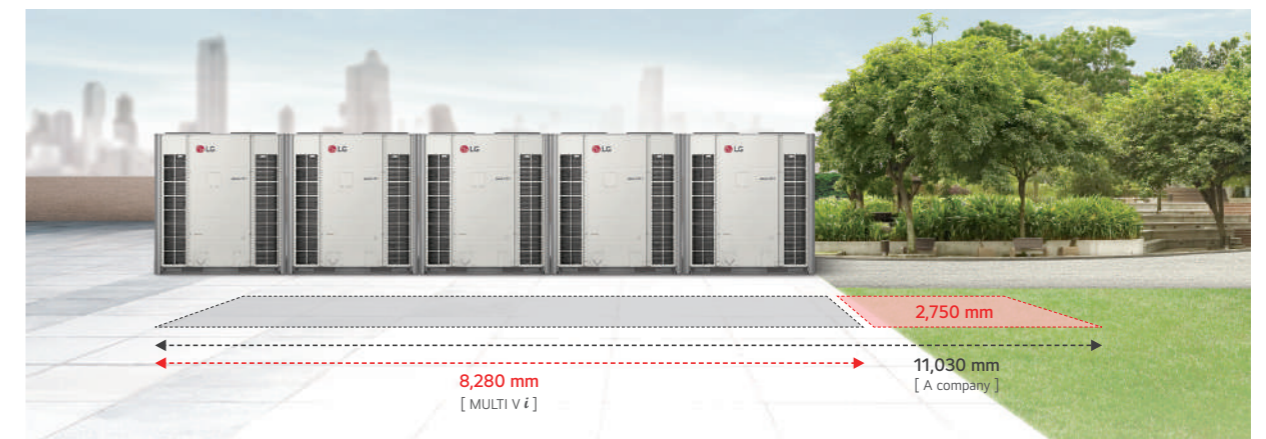
LG MULTI V i saves space, time, and installation costs by offering a larger capacity single outdoor unit.



※ Applied to R410a outdoor units

Compact Design with Larger Capacity

Lighter outdoor units reduce the installation area and architecture structure, increasing the space for roof gardens.



Install 260HP



※ Applied to R410a outdoor units
 ※ Previous model: ARUM26ILTE5, New model: ARUM26OLTE6
 ※ This scene is designed only for easier understanding, because 26HP unit cannot be applicable.

Powerful Performance

MULTI V 5 has already proved itself highly competitive in the European market in terms of efficiency levels, but MULTI V *i* exceeded its predecessor.

[Better than the Best]



※ For certain models in the line-up.

Powerful Cooling Performance

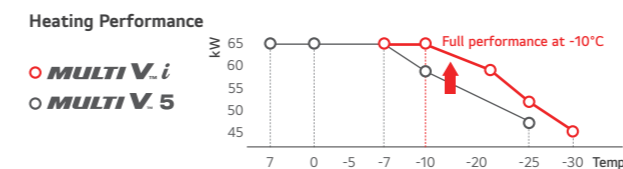
Reliable cooling operation up to 52°C, with full performance at 43°C. End users are able to enjoy comfortable indoor environments, even with extreme weather conditions outside.



※ Final specifications may change slightly.

Powerful Heating Performance

More reliable heating operation is provided at down to -30°C and full performance at -10°C. Stable heating performance is guaranteed even in the case of an unexpected outdoor temperature drop.



※ Final specifications may change slightly.

Stable & Powerful Heating

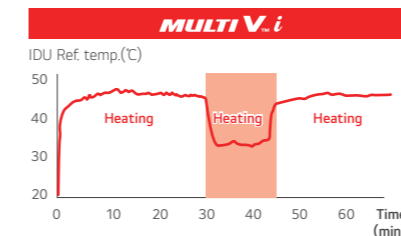
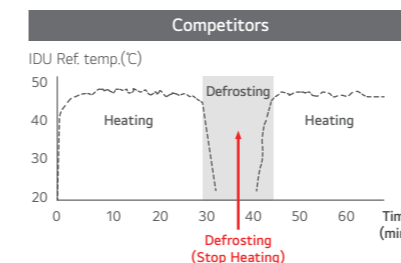
	MULTI V.i	MULTI V.5
Heating Operation Range	-30 ~ 18°C	-25 ~ 16°C
Performance at -10°C	Full	92%

Improved design

Improved design for defrost with an independent HEX system and accumulated freezing prevention design. With a differentiated structure and design, it provides longer heating time and reduced defrost time.

Continuous Heating

The heating operation duration was extended by independent HEX system for defrosting.



※ The defrost process is simplified for easier understanding.

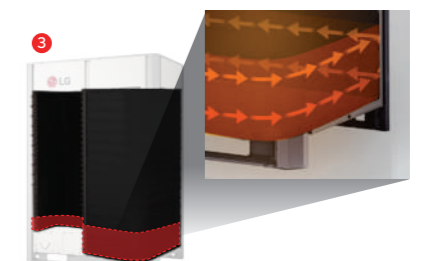
NEW Accumulated Freezing Prevention Design

Preventing the freezing of the lower part of the heat exchanger



Defrost Time Reduction

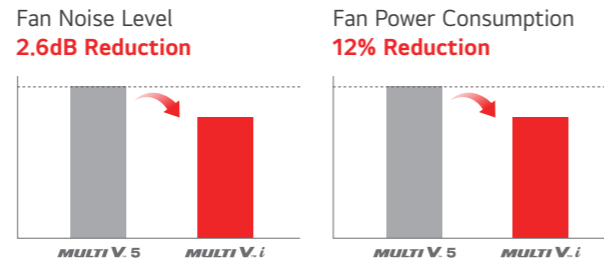
65% ↓



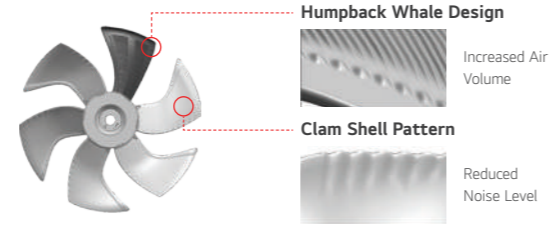
※ HEX: Heat Exchanger

Newly Designed Compact Fan

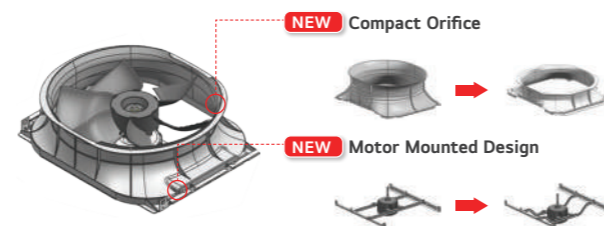
The design of a new biomimetic fan was inspired by nature. It brings more air volume and less noise with the same air flow rate compared to the conventional system.



NEW Designed Biomimetic Fan
The new biomimetic fan has 6 blades that can reduce noise level and power consumption.



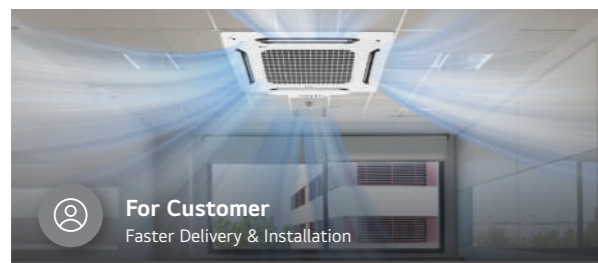
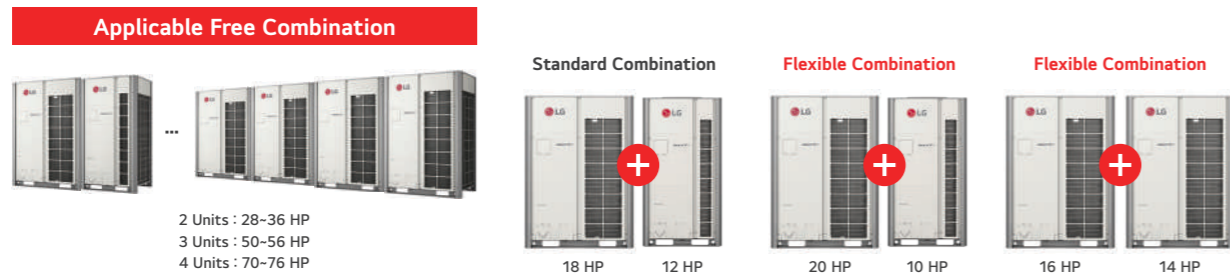
Compact Aero-Design
With an optimal air flow, the noise level and power consumption is reduced.



※ Final specifications may change slightly.

Flexible Outdoor Unit Combination

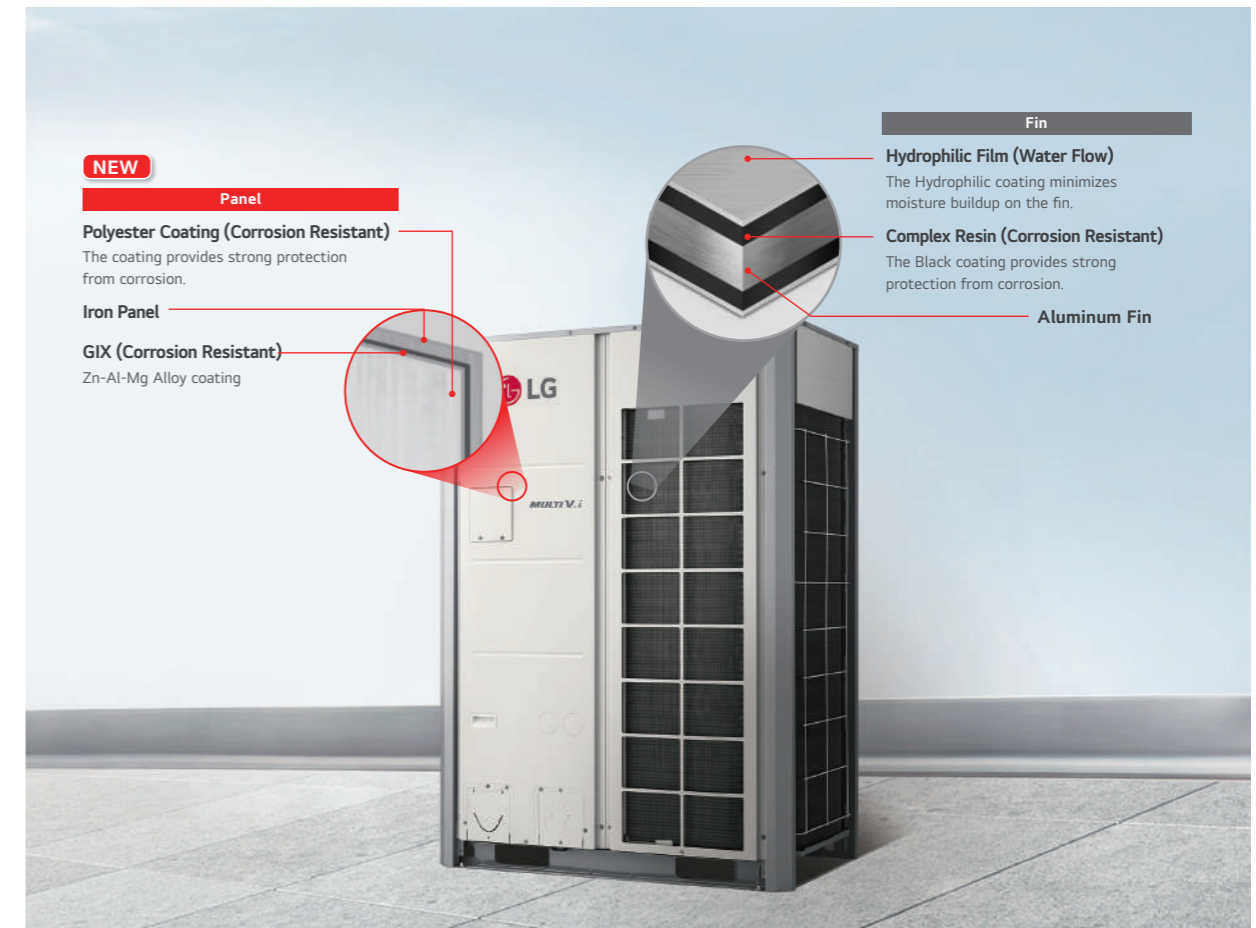
Flexible combination can contribute to faster delivery and installation. It provides more options for designing according to customers' preferences.



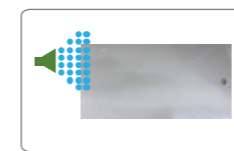
※ The UXC chassis models are not applicable to free combination.
※ The 26 HP model of UXC chassis cannot be combined with other models.
※ More information can be checked in the LATS tool.

Corrosion Resistant

"Corrosion Resistant Black Fin" heat exchanger is designed for improved corrosion resistance. Body panels are also designed for improved corrosion resistance. 2,000 hours for body panels and 10,000 hours for heat exchanger make the product more reliable for customers.



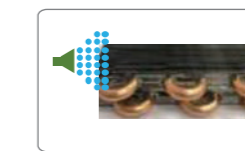
Salt Spray Test (SST) × Process repeated
0.05% Area of defects compared to initial state.



Fog¹⁾
(35°C, 24hr)



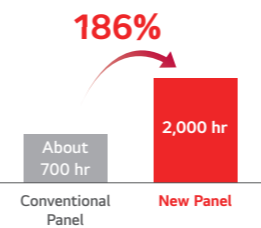
※ Verification of corrosion resistance performance
- Test Method B of ISO21207
- ASTM B117 / (2,000 hours) (Last updated : Jul. 2022)



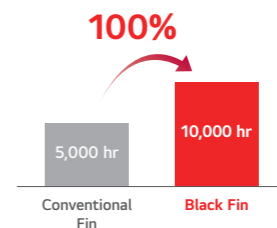
Fog¹⁾
(35°C, 24hr)



※ Verification of corrosion resistance performance
- Test Method B of ISO21207
- ASTM B117 / ISO 9227 (5,000 hours →10,000 hrs.)
(Last updated : Dec. 2020)



Test process is conducted according to ASTM B117.
1) Salty water concentration :
NaCl aqueous solution (5%)



Test process is conducted according to ASTM B117.
1) Salty water concentration :
NaCl aqueous solution (5%)

※ The product is not fully anticorrosive. To install near the sea, additional measures can be required.

Dual Sensing Smart Load Control (SLC)

Enhanced energy saving & increased indoor comfort

Cooling loads vary according to both temperature and humidity. With Dual sensing SLC, the proper amount of work can be exerted to meet the load not only depending on current temperature, but also on humidity. As a result, less work will be needed at the same temperature when humidity is lower. It influences the VRF system main processor's decision on where to set the system's target high or low system pressure values.

Smart Load Control monitors two inputs

- 1) Outdoor ambient dry bulb temperature
- 2) Relative humidity

What are the benefits?

Enhanced energy savings

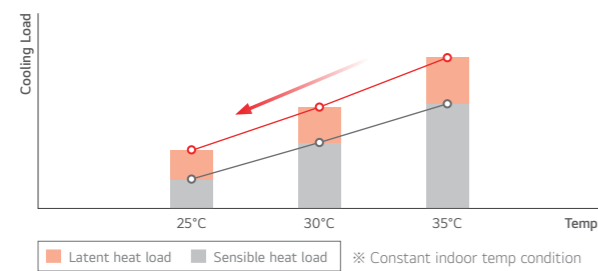
Cooling Mode
By raising the target low pressure during off-peak cooling operation.

Heating Mode
By lowering the target high pressure during off-peak heating operation.

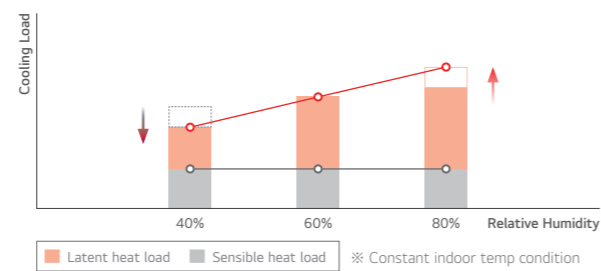
Increased indoor comfort

This function allows MULTI V 5 to maintain operation at mild cooling mode around the set temperature with adjusting compressor's speed by sensing both temperature and humidity.

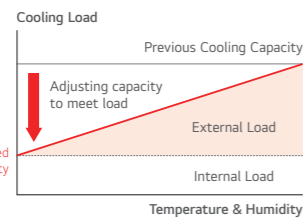
Cooling load according to temperature change



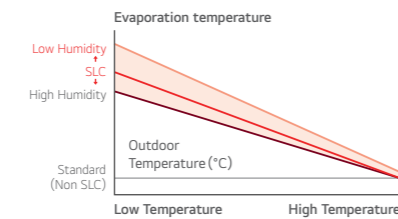
Cooling load according to humidity change



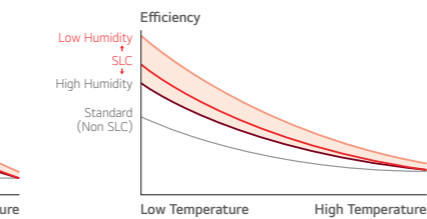
For low temperature, lower load and capacity are required



Lower load and capacity need higher evaporation temperature



Higher evaporation temperature results in higher efficiency

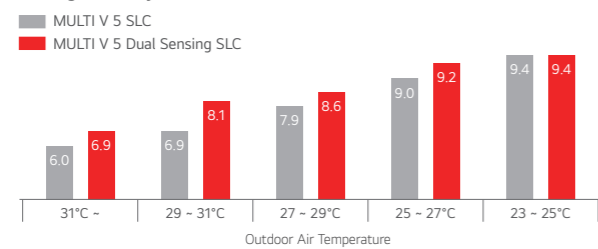


Energy Savings with Dual Sensing Control Temperature & Humidity

Energy Consumption in Cooling Season

Dual sensing SLC control can save 6% more energy compared to SLC. So dual sensing control is more efficient than SLC.

Cooling Efficiency



Power Consumption in Cooling Season

Yearly Power Input (kWh) - ODU

OAT	MV4 (Fixed)	MV5 SLC	MV5 Dual SLC
31 ~	17	15	13
29 ~ 31	91	73	62
27 ~ 29	183	136	124
25 ~ 27	243	170	165
23 ~ 25	155	110	109
Total	690 (137%)	503 (100%)	474 (94%)

6% more energy saving compared to SLC

※ This energy simulation was performed in LG internally based on 16HP model.

Intelligent Defrost

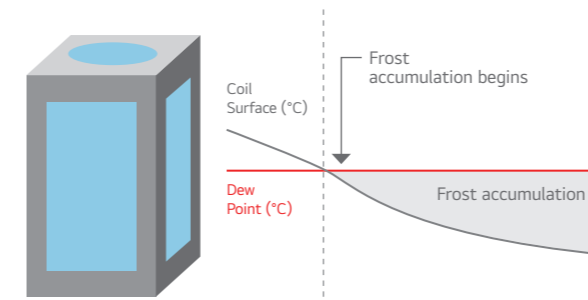
Increased heating run-hours

MULTI V has provided an intelligent defrost algorithm and settings based on current outdoor ambient temperature. With the addition of the outdoor air humidity sensor, MULTI V 5 Intelligent Defrost just got smarter.

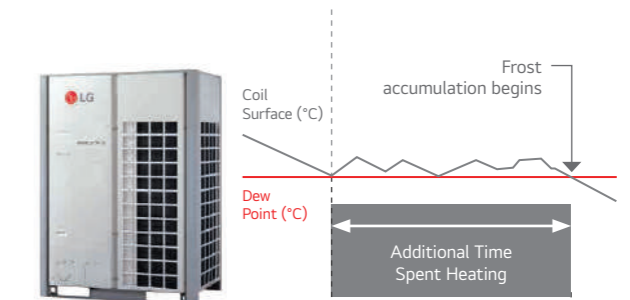
What are the benefits?

The Intelligent Defrost algorithm increases the VRF system's heating run-hours and reduces the number of defrost cycles required to maintain optimum heating performance irrelevant of the mode and method of defrost selected.

Conventional Defrost



LG Intelligent Defrost / Smart Heating



- ※ Increased heating operation time per day : Up to 17%
- LG Internal Test result,
- Test condition (MULTI V 5 vs MULTI V IV, 16HP)
- Outdoor : 2/1°C, Indoor : 20/15°C
- Humidity : 83%, Dew Point : -0.5°C

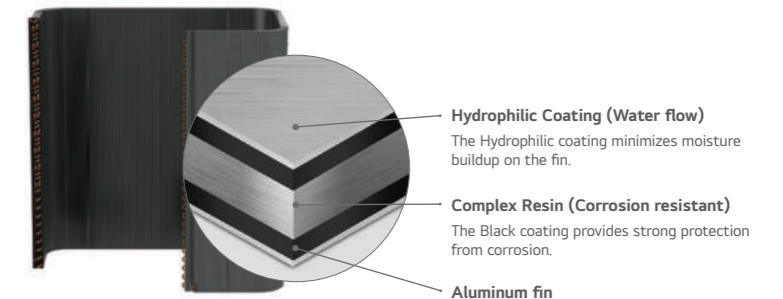
Corrosion Resistance Black Fin

Improved durability

LG Corrosion Resistance solution passed ISO 21207 accelerated corrosion test conducted by an independent test organization and the result has been certified by prestigious global certification organization, TÜV.

What are the benefits?

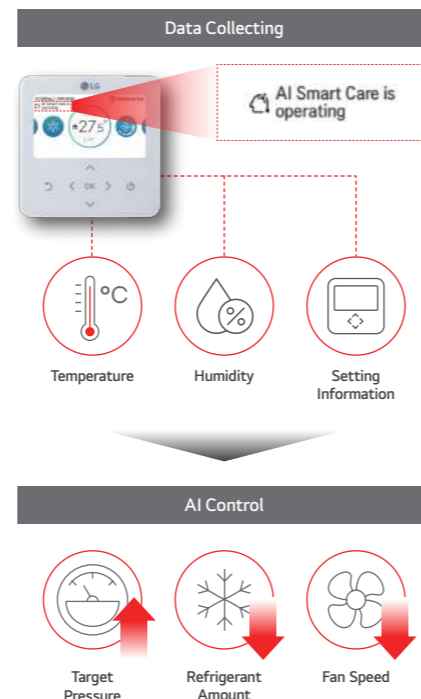
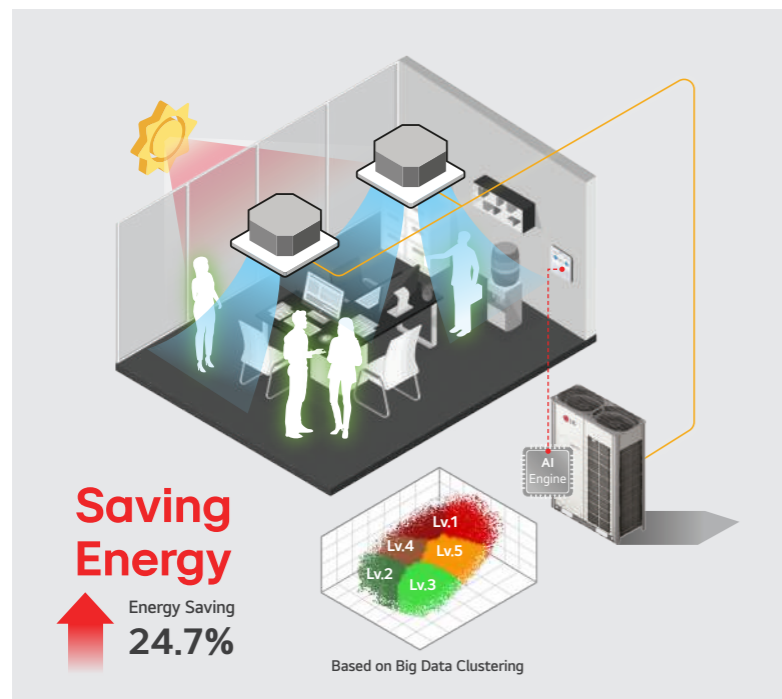
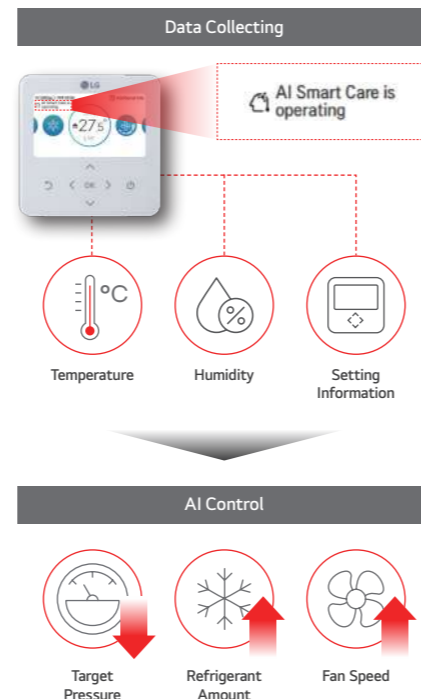
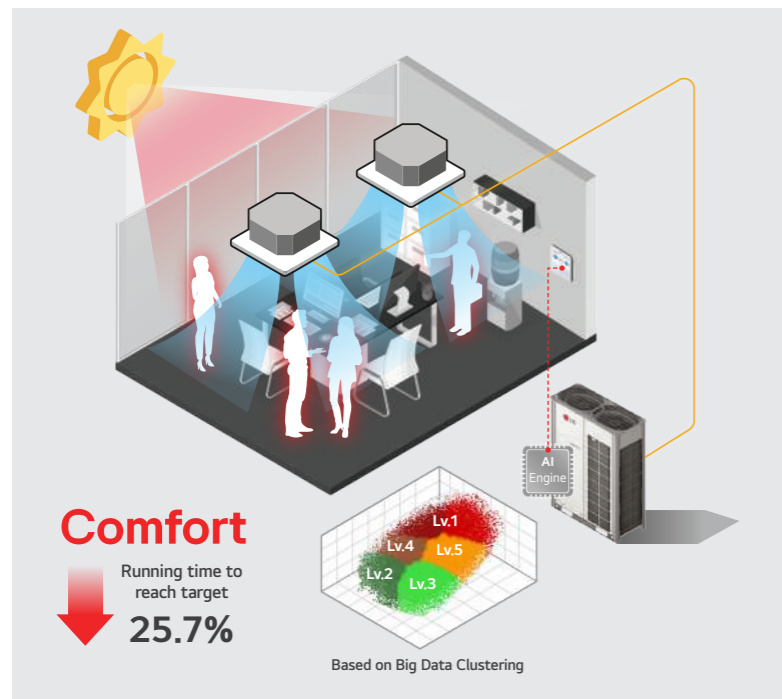
This improvement in durability prolongs the product's lifespan and lowers both the operational and maintenance costs.



- ※ Verification of corrosion resistance performance
- Test Method B of ISO 21207
- ASTM B117 / ISO 9227 (10,000 hours)

AI Smart Care

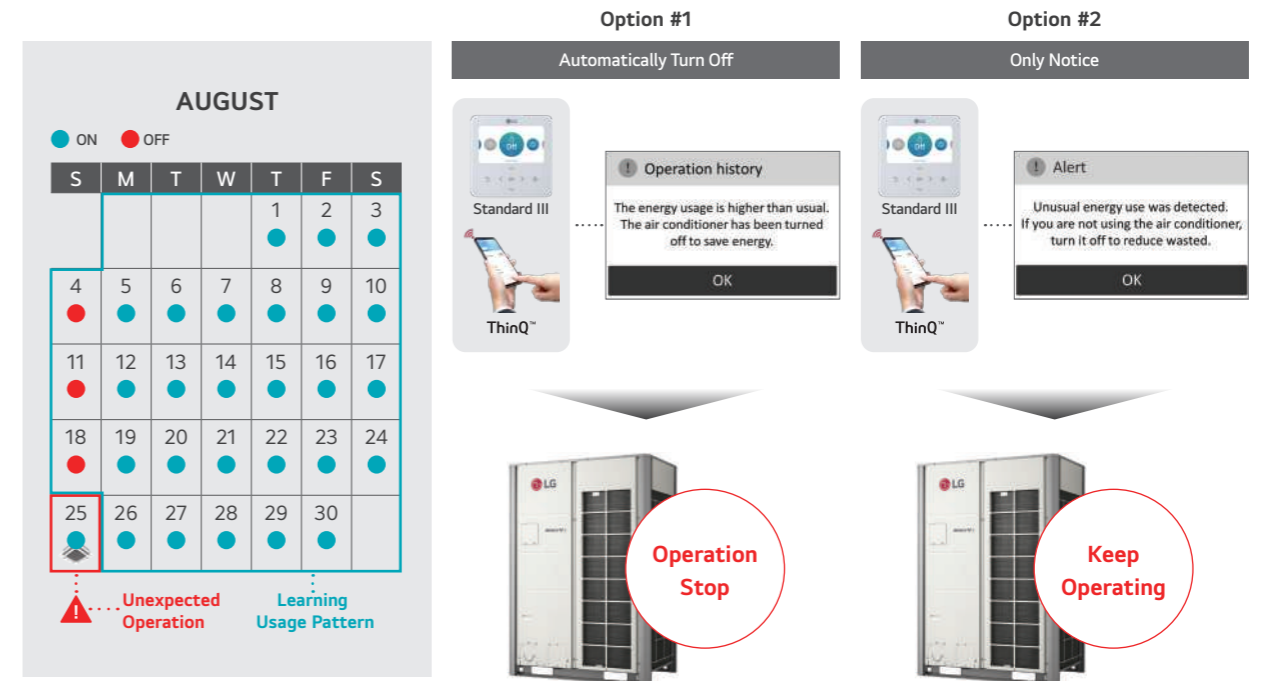
It autonomously implements solutions by adjusting the running time to reach target as well as taking into consideration the best efficiency point to operate in order to save energy.



※ The feature above is to help customers understand, and detailed logic may vary depending on the actual environment.
 ※ This is the internal test that is followed KS Standard (Model : 24 HP of MULTI V / Test condition : KS B ISO 15042 : 2006)
 ※ The value of energy saving is the result of comparison AI Smart Care and normal operation.

Energy Waste Alert

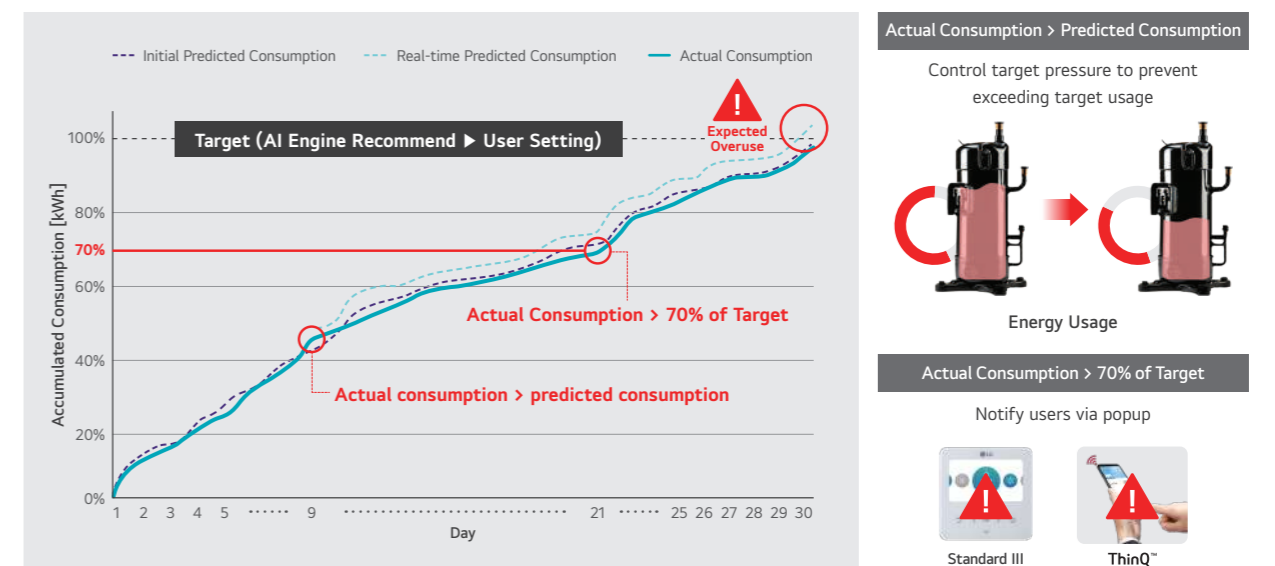
MULTI V *i* learns usage patterns and prevents energy waste by judging abnormal operation when it is not normally operated. It can be saved energy by displaying a notification or automatically stopping operation.



※ To use this function, at least 2 weeks of usage pattern learning period is required.
 ※ The waste alert will be displayed at least 2 hours after the indoor unit is turned on.

AI Energy Management

MULTI V *i* is able to preset monthly energy usage and consume power according to the target that has been previously set. By comparing and analyzing previous power consumption of the current month and planned daily energy usage, overuse of the HVAC system operational costs can be prevented by AI Energy management.



※ The above image is a graph for better understanding. Results may vary depending on the environment.
 ※ If more accurate status for energy consumption is needed, ACP and PDI have to be installed.
 ※ To alarm for exceeding 70% of target consumption, the user should activate the Alarm Popup Setting function on the Wired Remote Controller (Purchase Separately) in advance.
 ※ To use the above function, users should input the monthly target consumption on the wired remote controller (For the usage period of less than 1 year, the recommended target consumption is displayed, and for the usage periods of more than 1 year, the previous year's consumption is displayed.)

AI Noise Adaptive Control

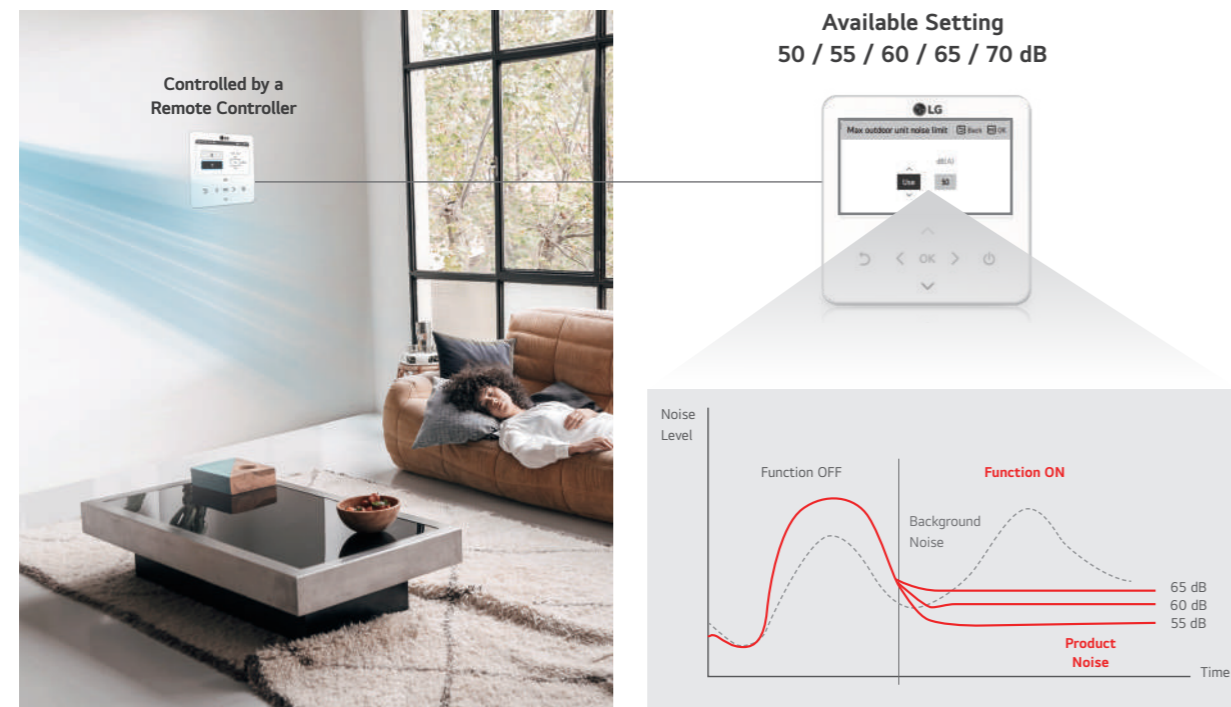
MULTI V *i* calculates the appropriate noise by considering the background noise and the user's location and operates with the limited noise. And the product noise does not exceed the background noise, users will not be disturbed by the product noise.



- ※ AI Engine calculates the target noise considering background noise and distance between the product and the user (Sound pressure).
- ※ To use the above function, the installer should input the installation distance between the product and the user.
- ※ After powering on the outdoor unit, the AI engine needs 10 minutes to measure and judge the background noise.
- ※ The operation may differ according to the environment, and noise reduction may impact the performance.

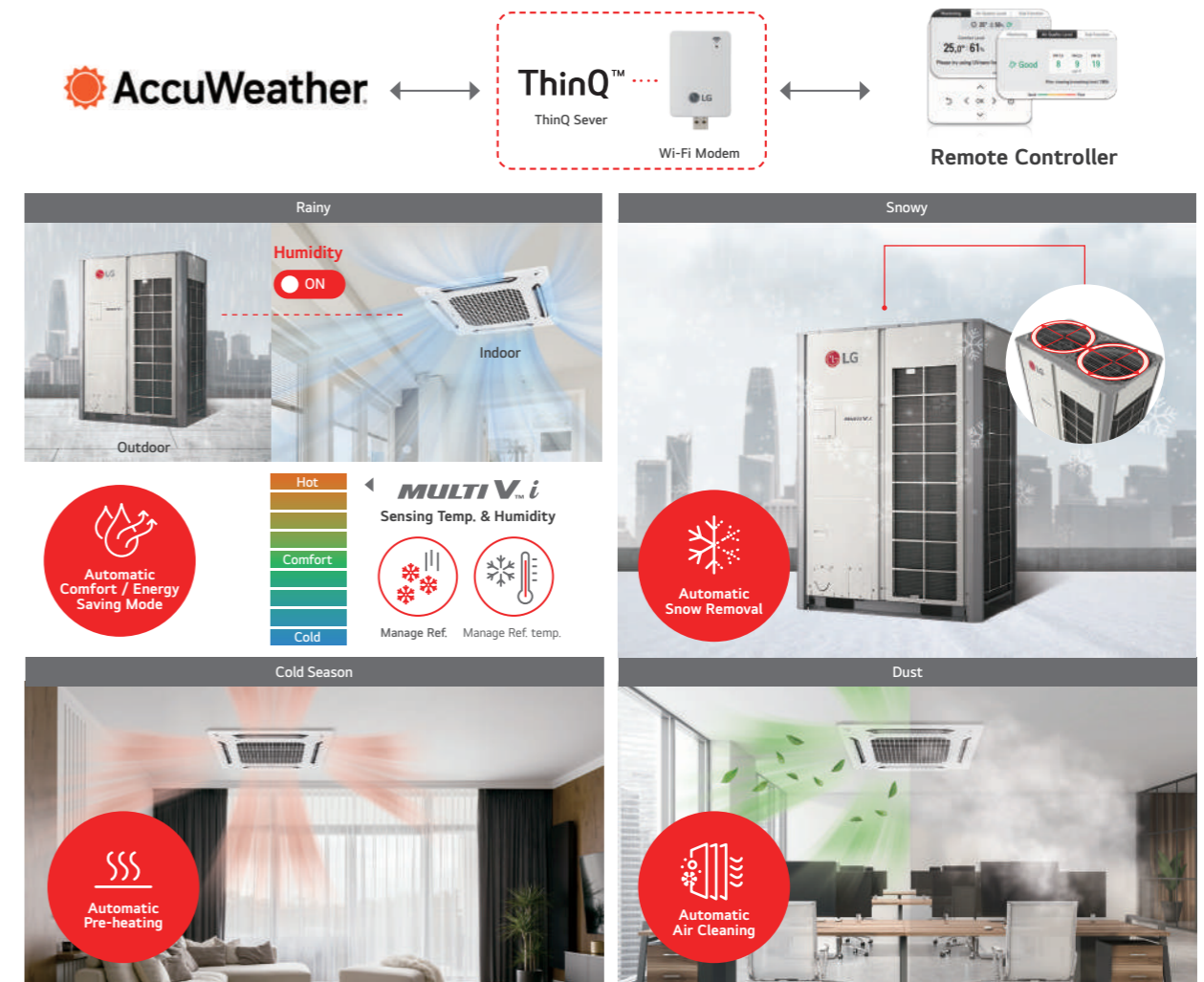
Noise Target Control

The outdoor unit's noise can be restricted by the set sound level in advance, allowing customers to enjoy comfortable conditions while avoiding disturbing their neighbors and complying with the local noise regulations.



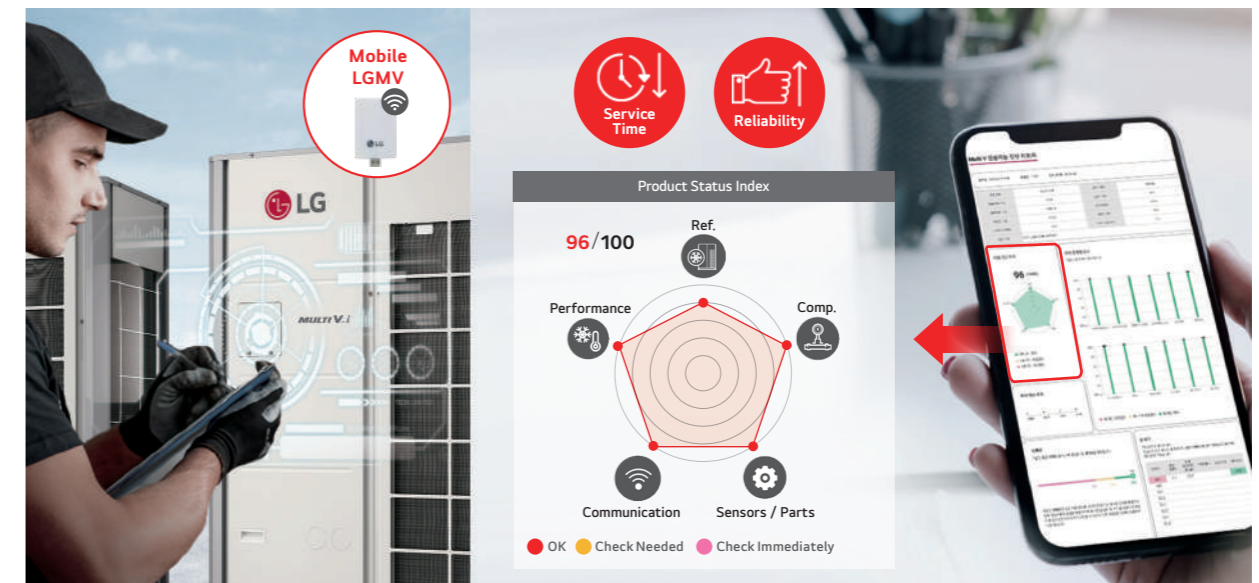
Weather Information Interlocking Control

This feature allows MULTI V *i* to provide environmentally optimized performance such as preheating, snow removal, air cleaning display and comfortable power saving mode display according to the weather information (live and forecast) received from AccuWeather.



Smart Diagnosis

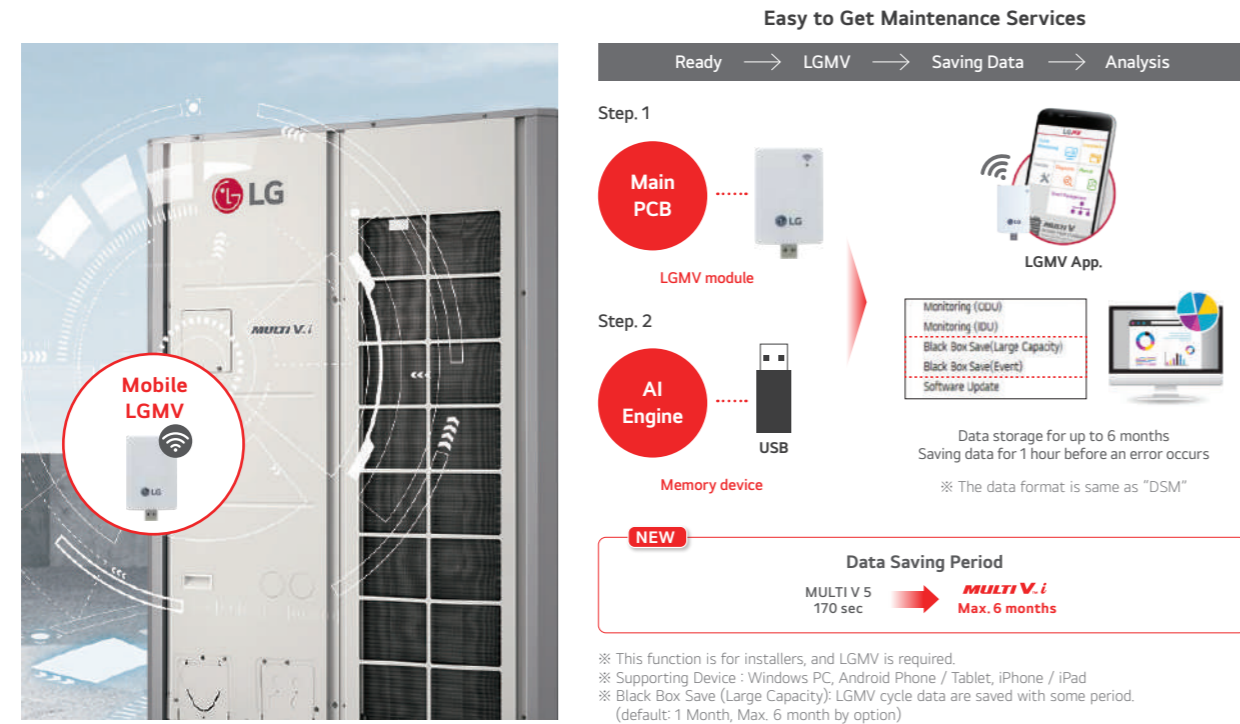
AI Smart Diagnosis saves service time and provides for reliable LG MULTI V *i* operation by automatically analyzing and visualizing the product's performance status.



※ UI may be changed without notification.

Large Capacity Black Box

Quick Service can be done because the large-capacity black box in the AI engine stores up to Max 6 months of operation data and 100 failure-events information.



Auto Tuning System

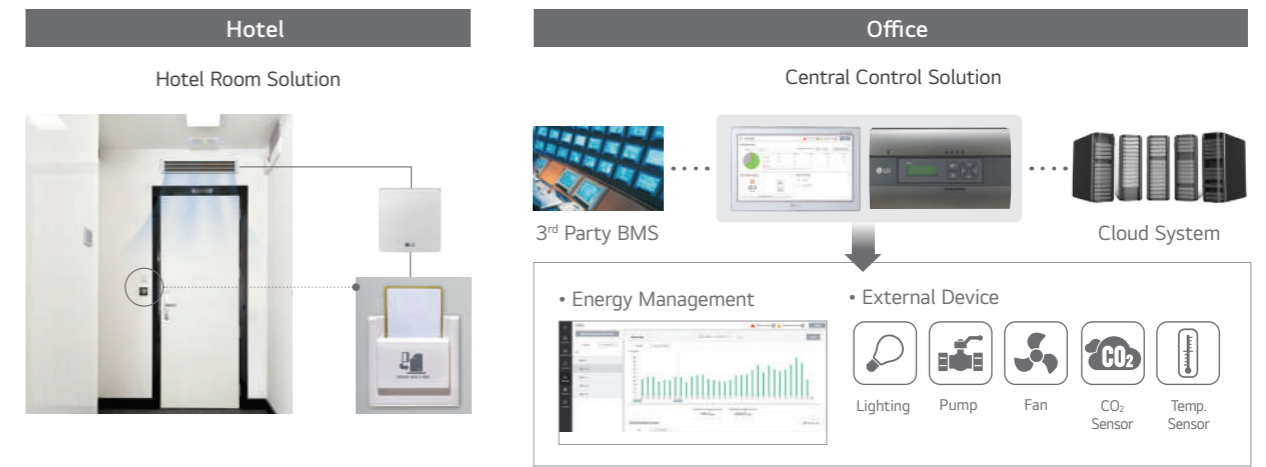
LG MULTI V *i* provides a new experience to customers with faster and easier installation and service.



※ This function is to be applied to compressor and fan motor.

LG's Control Solution

LG MULTI V *i* offers a diverse range of effective control solutions that satisfy the specific needs of each building and its user scene.



Smart GUI

Smart GUI allows remote management via various devices such as PC, tablet and smart phone.



reddot award
communication design

AM 11:00
Monitoring room
PC

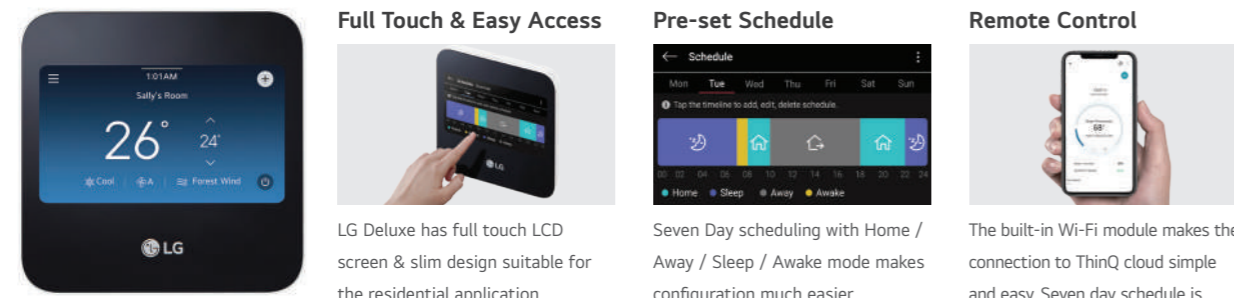
PM 02:00
Checking each room
Tablet

PM 05:00
Working outside
Mobile

- Schedule Function
- Energy Management
- Operation Trending Report
- Automatic E-mail Sending

New Innovative Controller

LG Deluxe remote controller provides better customer experiences. (It's easy to use, with E-saving and simple maintenance.)



Full Touch & Easy Access
LG Deluxe has full touch LCD screen & slim design suitable for the residential application. In addition, user-oriented UX design enhances user convenience.

Pre-set Schedule
Seven Day scheduling with Home / Away / Sleep / Awake mode makes configuration much easier. And seasonal program setting offers more flexibility.

Remote Control
The built-in Wi-Fi module makes the connection to ThinQ cloud simple and easy. Seven day schedule is synchronized between ThinQ cloud and wired remote controller.

Easy Installation
The installation wizard helps the customer set up the basic configurations (Date & Time, Language, Temperature unit etc.) easily during installation.

Features
Installation wizard
Built-in Wi-Fi with ThinQ Capability
Humidity sensor
Seven (7) Day Scheduling with Mode - Home / Away / Sleep / Awake
Function Code search Tool

Air Quality Monitoring
LG Deluxe can display air quality status when the air purifying device is installed. It also shows air quality monitoring history by day, week, month and year.

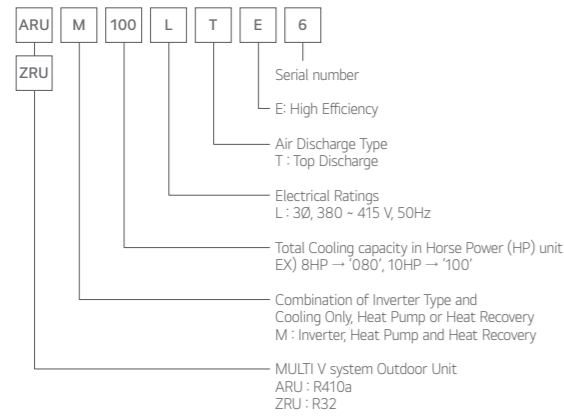
Energy Navigation
The Energy Navigation provides the system operation trend per day. Running time and power consumption is also provided compared to last year by week, month and year.

AI Engine Function Application

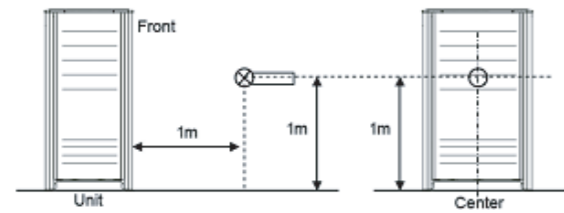
Category	Sub Category	Tool	Application Date ¹⁾ (Based on MP)	AI Engine Function							
				AI Smart Care	AI Indoor Space Care	AI Smart Metering	AI Energy Management	Noise Adaptive Control	AI Energy Waste Alert	AI Smart Diagnosis	Large Capacity Black Box
Cassette	DUAL Vane 4 Way	TM-A / TP-B	available	●	●	●	●	●	●	●	●
	1 Way	TU / TT	available	●	●	●	●	●	●	●	●
	2 Way	TS	available	●	●	●	●	●	●	●	●
	Round	TY	available	●	●	●	●	●	●	●	●
	Mini 4 Way	TQ / TR	available	●	●	●	●	●	●	●	●
Duct	Low Static	L4 / L5 / L6	available	●	X	●	●	●	●	●	●
	High Static	B8	available	●	X	●	●	●	●	●	●
	Mid Static	M1 / M2 / M3	available	●	X	●	●	●	●	●	●
Floor Standing	CE / CF	available	●	●	●	●	●	●	●	●	
Convertible*	Ceiling Suspended	VM1 / VM2	Feb.'25	●	●	●	●	●	●	●	●
Console*	QA	QA	Feb.'25	●	●	●	●	●	●	●	●
Floor Standing (PAC)*	PT3 / PF2	PT3 / PF2	Feb.'25	●	●	●	●	●	●	●	●
Wall Mounted*	Artcool, Standard	SJ / SK / SR	available	●	X	●	X	●	●	●	●

※ Indoor units produced from 2020.
 - AI Functions available via indoor units' Main PCB Onboarding.
 - AI Functions available of marked models(*) by replacing indoor units' Main PCB.
 1) Application Date is subject to change.

Nomenclature



Position of Sound Pressure Level Measuring



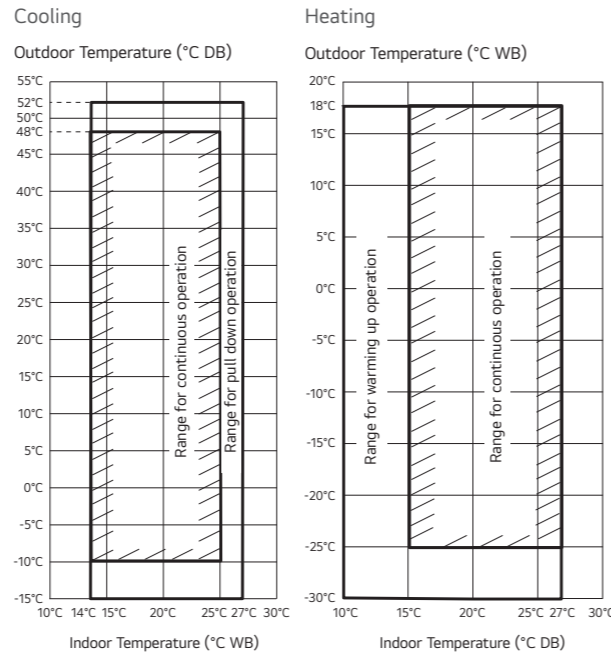
- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions (Power source and Ambient temperature, etc).
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model).
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

Outdoor Units Function

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

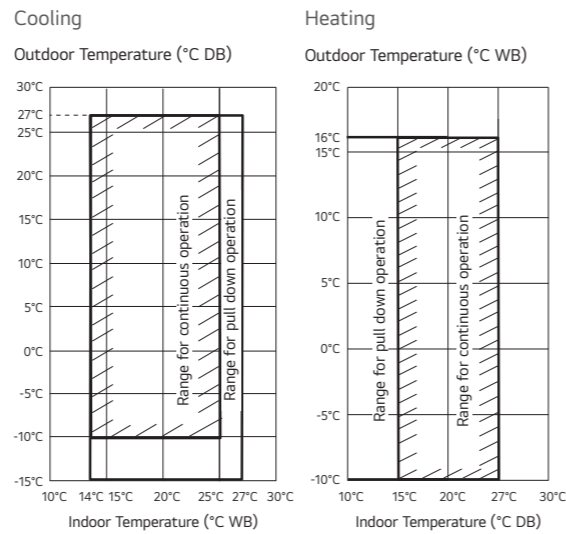
○ : Applied, X : Not applied
 - Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
 - Accessory line-ups varies by region, so check your local catalogue or local sales material

Cooling / Heating Operation



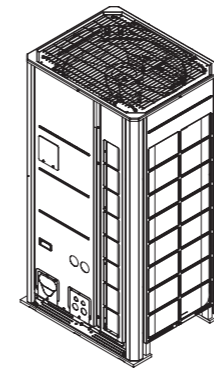
- Note
1. These figures assume the following operating conditions
 : Equivalent piping length is standard condition, and level difference is 0m.
 2. Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
 3. Warming up operation means that the outdoor (outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

Simultaneous Cooling / Heating Operation

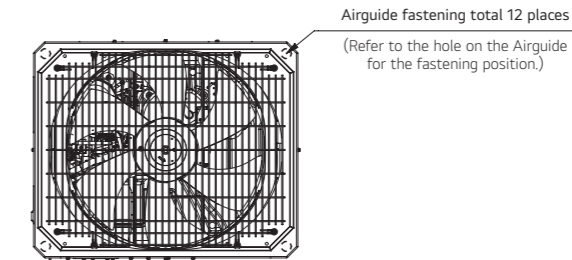
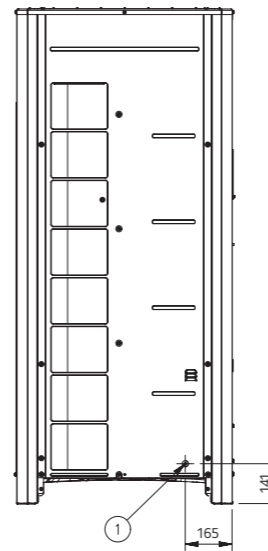


- Note
1. These figures assume the following operating conditions
 : Equivalent piping length is standard condition, and level difference is 0m.
 2. Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
 3. Warming up operation means that the outdoor (outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

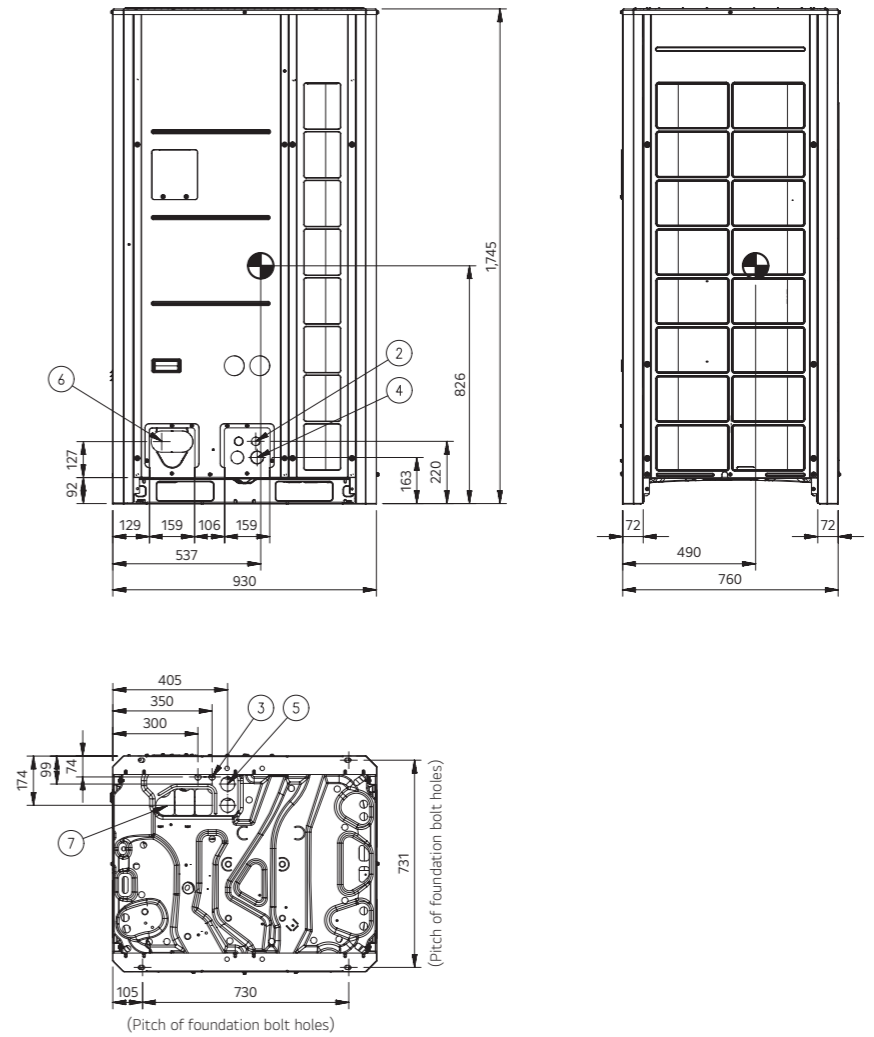
ARUM080LTE6 / ARUM100LTE6
 ARUM120LTE6
 ZRUM080LTE6 / ZRUM100LTE6
 ZRUM120LTE6



3D View



Airguide fastening total 12 places
 (Refer to the hole on the Airguide for the fastening position.)



[Unit : mm]

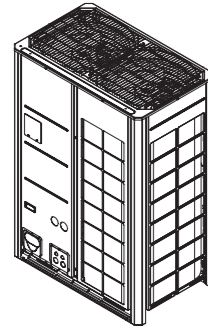
No.	Part Name	Description
1	Leakage test hole (Side)	Ø22.2
2	Wire routing hole (Front)	2-Ø30
3	Wire routing hole (Bottom)	2-Ø22.2
4	Power cord routing hole (Front)	2-Ø45
5	Power cord routing hole (Bottom)	2-Ø50
6	Pipe routing hole (Front)	-
7	Pipe routing hole (Bottom)	-

ARUM140LTE6 / ARUM160LTE6
ARUM180LTE6 / ARUM200LTE6

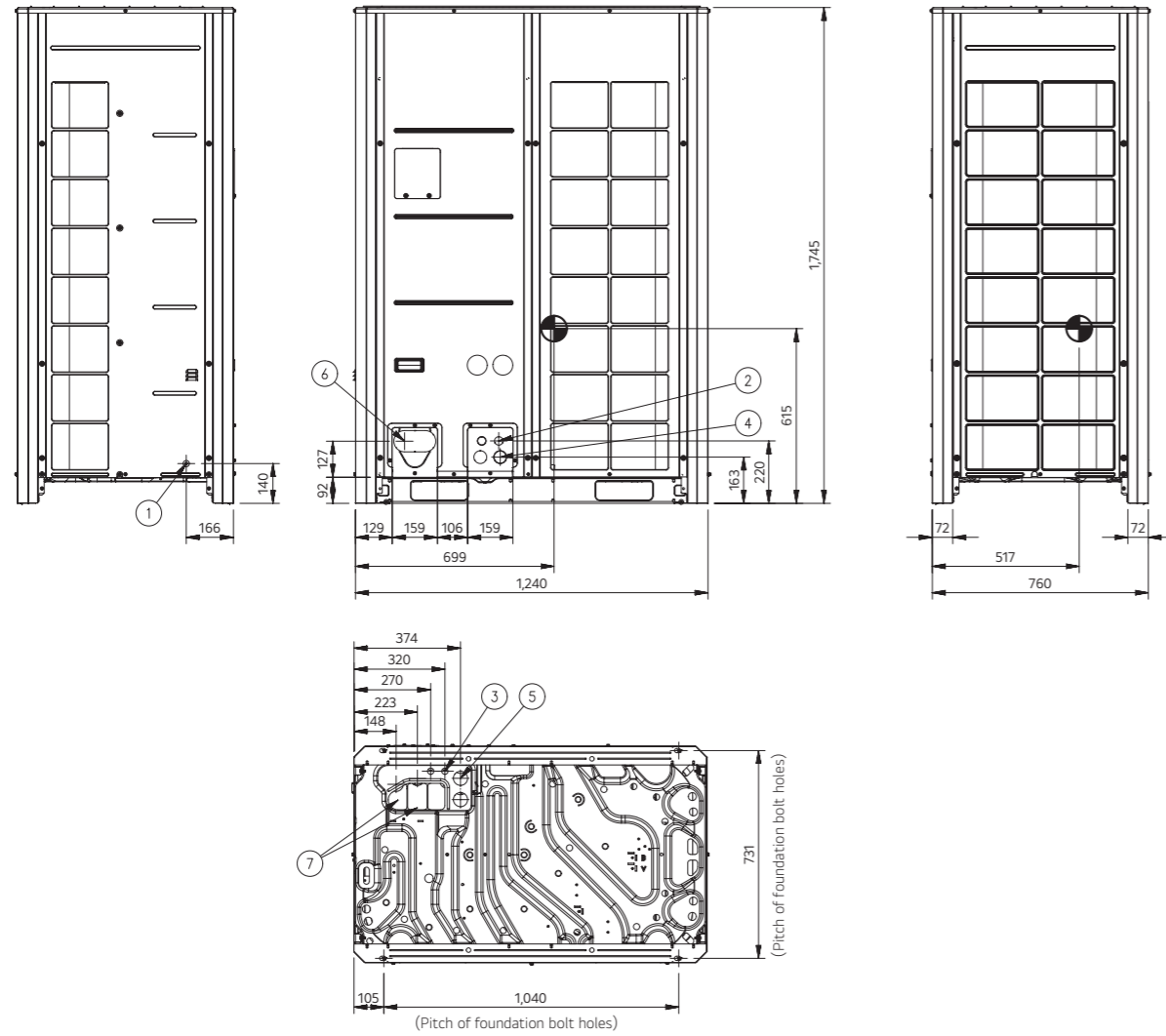
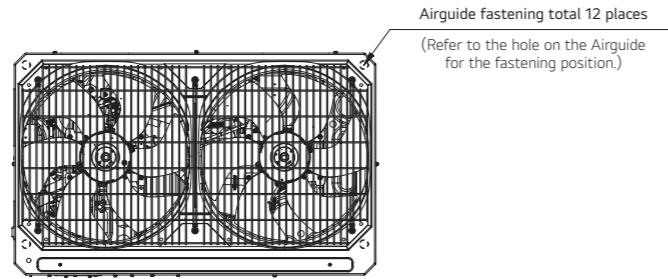
ZRUM140LTE6 / ZRUM160LTE6
ZRUM180LTE6 / ZRUM200LTE6

[Unit : mm]

No.	Part Name	Description
1	Leakage test hole (Side)	Ø22.2
2	Wire routing hole (Front)	2-Ø30
3	Wire routing hole (Bottom)	2-Ø22.2
4	Power cord routing hole (Front)	2-Ø45
5	Power cord routing hole (Bottom)	2-Ø50
6	Pipe routing hole (Front)	-
7	Pipe routing hole (Bottom)	-



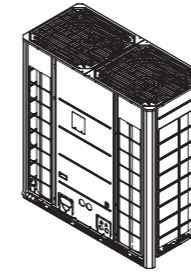
3D View



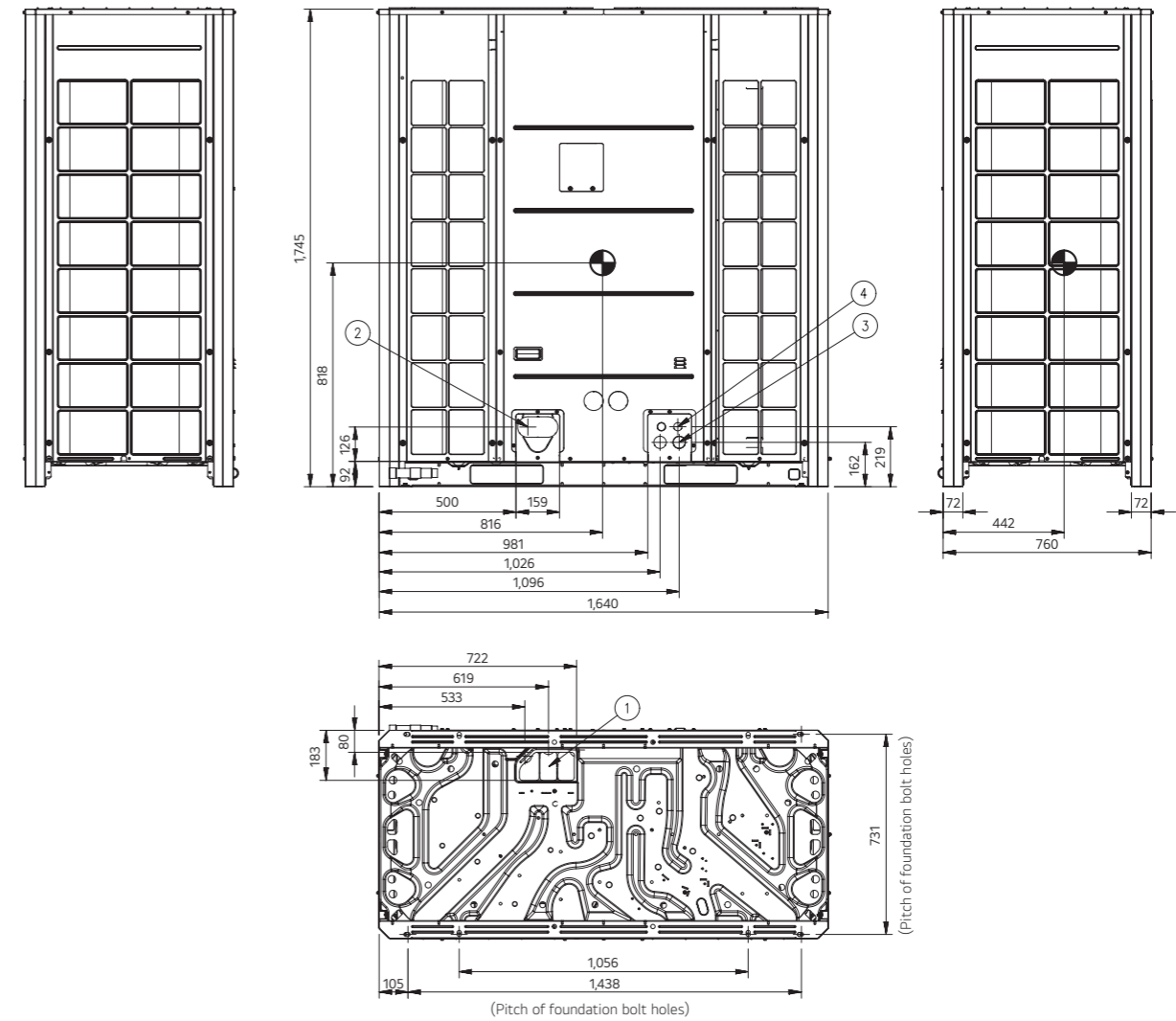
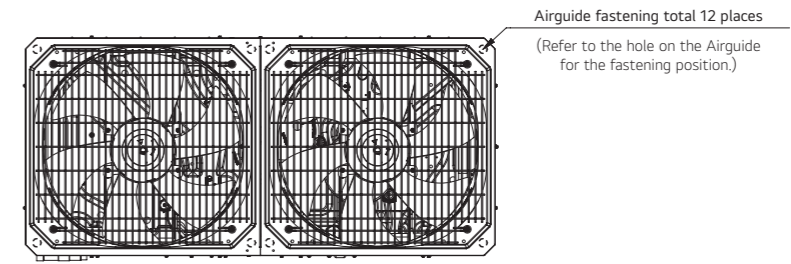
ARUM220LTE6 / ARUM240LTE6
ARUM260LTE6

[Unit : mm]

No.	Part Name	Description
1	Pipe routing hole (Bottom)	-
2	Pipe routing hole (Front)	-
3	Power cord routing hole (Front)	2-Ø30
4	Wire routing hole (Front)	2-Ø45



3D View



ARUM080LTE6 / ARUM100LTE6
ARUM120LTE6 / ARUM140LTE6


LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP			8	10	12	14
Classification	Chassis	-	UXA	UXA	UXA	UXB
	Combination Unit	-	ARUM080LTE6	ARUM100LTE6	ARUM120LTE6	ARUM140LTE6
Power Supply	V, Ø, Hz	-	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	22.4	28.0	33.6	39.2
	Heating Capacity	Rated	kW	22.4	28.0	33.6
Heating Capacity	Max	kW	25.2	31.5	37.8	44.1
	Power Input (Cooling)	Rated	kW	6.10	8.33	11.65
Power Input (Heating)	Rated	kW	5.16	6.22	7.77	8.43
	Efficiency	EER (Rated)	W/W	3.67	3.36	2.88
COP (Rated)		W/W	4.34	4.50	4.32	4.65
SEER		Wh/Wh	8.28	8.11	7.94	8.55
SCOP		Wh/Wh	4.45	4.52	4.99	5.17
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	220 x 1	220 x 1	220 x 1	320 x 1
	Discharge direction (Side / Top)	-	Top	Top	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct	Direct
	Output	W x No.	1,200 x 1	1,200 x 1	1,200 x 1	900 x 2
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1	62.1	62.1	62.1
	Number of Revolution	rev./min	3,600	3,600	3,600	3,600
	Motor Output	W x No.	5,300 x 1	5,300 x 1	5,300 x 1	5,300 x 1
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Dimensions	Net (W x H x D) mm	930 x 1,745 x 760	930 x 1,745 x 760	930 x 1,745 x 760	1,240 x 1,745 x 760
Weight	Shipping (W x H x D) mm	-	965 x 1,919 x 802	965 x 1,919 x 802	965 x 1,919 x 802	1,282 x 1,919 x 802
	Net	kg	215	215	215	255
Refrigerant	Shipping	kg	225	225	225	265
	Type	-	R410A	R410A	R410A	R410A
	Precharged Amount	kg	8.5	9.5	9.5	13.0
	t-CO ₂ eq.	-	17.744	19.831	19.831	27.138
Connecting Pipe	Control Type	-	EEV	EEV	EEV	EEV
	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.70 (1/2)	Ø12.70 (1/2)
	Gas	mm (inch)	Ø19.05 (3/4)	Ø22.20 (7/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø19.05 (3/4)	Ø22.20 (7/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
*Sound Pressure Level (Outdoor Unit)	High Pressure Gas (Heat Recovery)	mm (inch)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.20 (7/8)
	Cooling	dB (A)	57.0	57.5	59.0	60.0
Sound Power Level (Outdoor Unit)	Heating	dB (A)	58.0	58.5	60.0	61.0
	Cooling	dB (A)	78.0	79.0	80.0	81.0
Connecting Cable	Heating	dB (A)	78.0	79.0	82.0	81.0
	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	13 (20)	16 (25)	20 (30)	23 (35)

*: Sound Pressure is not a value declared on Eurovent Program.

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM160LTE6 / ARUM180LTE6
ARUM200LTE6 / ARUM220LTE6


2) LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP			16	18	20	22
Classification	Chassis	-	UXB	UXB	UXB	UXC
	Combination Unit	-	ARUM160LTE6	ARUM180LTE6	ARUM200LTE6	ARUM220LTE6
Power Supply	V, Ø, Hz	-	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	44.8	50.4	56.0	61.6
	Heating Capacity	Rated	kW	44.8	50.4	56.0
Heating Capacity	Max	kW	50.4	56.7	63.0	69.3
	Power Input (Cooling)	Rated	kW	15.45	14.39	17.54
Power Input (Heating)	Rated	kW	10.09	10.59	12.64	15.96
	Efficiency	EER (Rated)	W/W	2.90	3.50	3.19
COP (Rated)		W/W	4.44	4.76	4.43	3.86
SEER		Wh/Wh	7.97	8.65	8.42	7.20
SCOP		Wh/Wh	5.46	4.81	5.13	4.62
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	320 x 1	320 x 1	320 x 1	430 x 1
	Discharge direction (Side / Top)	-	Top	Top	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct	Direct
	Output	W x No.	900 x 2	900 x 2	900 x 2	1,500 x 2
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1	62.1 x 2	62.1 x 2	62.1 x 2
	Number of Revolution	rev./min	3,600	3,600 x 2	3,600 x 2	3,600 x 2
	Motor Output	W x No.	5,300 x 1	5,300 x 2	5,300 x 2	5,300 x 2
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Dimensions	Net (W x H x D) mm	1,240 x 1,745 x 760	1,240 x 1,745 x 760	1,240 x 1,745 x 760	1,640 x 1,745 x 760
Weight	Shipping (W x H x D) mm	-	1,282 x 1,919 x 802	1,282 x 1,919 x 802	1,282 x 1,919 x 802	1,675 x 1,919 x 802
	Net	kg	255	300	300	362
Refrigerant	Shipping	kg	265	310	310	372
	Type	-	R410A	R410A	R410A	R410A
	Precharged Amount	kg	13.0	16.0	16.0	16.0
	t-CO ₂ eq.	-	27.138	33.400	33.400	33.400
Connecting Pipe	Control Type	-	EEV	EEV	EEV	EEV
	Liquid	mm (inch)	Ø12.70 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Gas	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
*Sound Pressure Level (Outdoor Unit)	High Pressure Gas (Heat Recovery)	mm (inch)	Ø22.20 (7/8)	Ø22.20 (7/8)	Ø22.20 (7/8)	Ø28.58 (1-1/8)
	Cooling	dB (A)	60.5	61.0	62.0	64.0
Sound Power Level (Outdoor Unit)	Heating	dB (A)	61.5	62.0	63.5	66.0
	Cooling	dB (A)	85.0	85.0	86.0	84.0
Connecting Cable	Heating	dB (A)	85.0	86.0	89.0	88.0
	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	26 (40)	29 (45)	32 (50)	35 (56)

*: Sound Pressure is not a value declared on Eurovent Program.

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

2) Applying to 16, 18, 20HP outdoor units only.

ARUM240LTE6 / ARUM260LTE6
ARUM280LTE6 / ARUM300LTE6


HP			24	26	28	30
Classification	Chassis	-	UXC	UXC	UXB + UXA	UXB + UXA
	Combination Unit	-	ARUM240LTE6	ARUM260LTE6	ARUM160LTE6 ARUM120LTE6	ARUM180LTE6 ARUM120LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	67.2	72.8	78.4	84.0
	Max	kW	75.6	81.9	88.2	94.5
Heating Capacity	Rated	kW	67.2	72.8	78.4	84.0
	Max	kW	75.6	81.9	88.2	94.5
Power Input (Cooling)	Rated	kW	26.15	31.52	27.10	26.04
Power Input (Heating)	Rated	kW	18.61	21.60	17.86	18.36
Efficiency	EER (Rated)	W/W	2.57	2.31	2.89	3.23
	COP (Rated)	W/W	3.61	3.37	4.39	4.58
	SEER	Wh/Wh	6.91	6.62	7.96	8.30
	SCOP	Wh/Wh	4.31	4.11	5.22	4.90
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	430 x 1	430 x 1	(320 x 1) + (220 x 1)	(320 x 1) + (220 x 1)
	Discharge direction (Side / Top)		Top	Top	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct	Direct
	Output	W x No.	1,500 x 2	1,500 x 2	(900 x 2) + (1,200 x 1)	(900 x 2) + (1,200 x 1)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 2	62.1 x 2	62.1 x 2	62.1 x 3
	Number of Revolution	rev./min	3,600 x 2	3,600 x 2	3,600 x 2	3,600 x 3
	Motor Output	W x No.	5,300 x 2	5,300 x 2	5,300 x 2	5,300 x 3
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Net (W x H x D)	mm	1,640 x 1,745 x 760	1,640 x 1,745 x 760	((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1)	((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1)
Dimensions	Shipping (W x H x D)	mm	1,675 x 1,919 x 787	1,675 x 1,919 x 787	((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1)	((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1)
	Net	kg	362	362	(255 x 1) + (215 x 1)	(300 x 1) + (215 x 1)
Weight	Shipping	kg	372	372	(265 x 1) + (225 x 1)	(310 x 1) + (225 x 1)
	Type	-	R410A	R410A	R410A	R410A
Refrigerant	Precharged Amount	kg	16.0	16.0	22.5	25.5
	t-CO ₂ eq.	-	33.400	33.400	46.969	53.231
	Control Type	-	EEV	EEV	EEV	EEV
	Liquid	mm (inch)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
Connecting Pipe	Gas	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
	Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	65.0	65.0	62.8
Sound Power Level (Outdoor Unit)	Heating	dB (A)	66.0	66.5	63.8	64.1
	Cooling	dB (A)	85.0	89.0	86.2	86.2
Sound Power Level (Outdoor Unit)	Heating	dB (A)	88.0	89.0	86.8	87.5
	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	39 (61)	42 (64)	45 (56)	49 (60)

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM320LTE6 / ARUM340LTE6
ARUM360LTE6 / ARUM380LTE6


HP			32	34	36	38
Classification	Chassis	-	UXB + UXA	UXB + UXB	UXB + UXB	UXB + UXB
	Combination Unit	-	ARUM200LTE6 ARUM120LTE6	ARUM200LTE6 ARUM140LTE6	ARUM200LTE6 ARUM160LTE6	ARUM200LTE6 ARUM180LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	89.6	95.2	100.8	106.4
	Max	kW	100.8	107.1	113.4	119.7
Heating Capacity	Rated	kW	89.6	95.2	100.8	106.4
	Max	kW	100.8	107.1	113.4	119.7
Power Input (Cooling)	Rated	kW	29.19	29.42	32.99	31.93
Power Input (Heating)	Rated	kW	20.41	21.07	22.73	23.23
Efficiency	EER (Rated)	W/W	3.07	3.24	3.06	3.33
	COP (Rated)	W/W	4.39	4.52	4.43	4.58
	SEER	Wh/Wh	8.18	8.48	8.19	8.53
	SCOP	Wh/Wh	5.06	5.15	5.29	4.97
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(320 x 1) + (220 x 1)	(320 x 1) + (320 x 1)	(320 x 1) + (320 x 1)	(320 x 1) + (320 x 1)
	Discharge direction (Side / Top)		Top	Top	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct	Direct
	Output	W x No.	(900 x 2) + (1,200 x 1)	(900 x 2) + (900 x 2)	(900 x 2) + (900 x 2)	(900 x 2) + (900 x 2)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 3	62.1 x 3	62.1 x 3	62.1 x 4
	Number of Revolution	rev./min	3,600 x 3	3,600 x 3	3,600 x 3	3,600 x 4
	Motor Output	W x No.	5,300 x 3	5,300 x 3	5,300 x 3	5,300 x 4
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Net (W x H x D)	mm	((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1)	(1,240 x 1,745 x 760) x 2	(1,240 x 1,745 x 760) x 2	(1,240 x 1,745 x 760) x 2
Dimensions	Shipping (W x H x D)	mm	((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1)	(1,282 x 1,919 x 802) x 2	(1,282 x 1,919 x 802) x 2	(1,282 x 1,919 x 802) x 2
	Net	kg	(300 x 1) + (215 x 1)	(300 x 1) + (255 x 1)	(300 x 1) + (255 x 1)	(300 x 1) + (300 x 1)
Weight	Shipping	kg	(310 x 1) + (225 x 1)	(310 x 1) + (265 x 1)	(310 x 1) + (265 x 1)	(310 x 1) + (310 x 1)
	Type	-	R410A	R410A	R410A	R410A
Refrigerant	Precharged Amount	kg	25.5	29.0	29.0	32.0
	t-CO ₂ eq.	-	53.231	60.538	60.538	66.800
	Control Type	-	EEV	EEV	EEV	EEV
	Liquid	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
Connecting Pipe	Gas	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø34.90 (1-3/8)
	Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	63.8	64.1	64.3
Sound Power Level (Outdoor Unit)	Heating	dB (A)	65.1	65.4	65.6	65.8
	Cooling	dB (A)	87.0	87.2	88.5	88.5
Sound Power Level (Outdoor Unit)	Heating	dB (A)	89.8	89.6	90.5	90.8
	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	52 (64)	55 (64)	58 (64)	61 (64)

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM400LTE6 / ARUM420LTE6
ARUM440LTE6

HP			40	42	44
Classification	Chassis	-	UXB + UXB	UXC + UXB	UXC + UXB
	Combination Unit	-	ARUM200LTE6 ARUM200LTE6	ARUM220LTE6 ARUM200LTE6	ARUM240LTE6 ARUM200LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	112.0	117.6	123.2
	Max	kW	126.0	132.3	138.6
Heating Capacity	Rated	kW	112.0	117.6	123.2
	Max	kW	126.0	132.3	138.6
Power Input (Cooling)	Rated	kW	35.08	39.54	43.69
Power Input (Heating)	Rated	kW	25.28	28.60	31.25
Efficiency	EER (Rated)	W/W	3.19	2.97	2.82
	COP (Rated)	W/W	4.43	4.11	3.94
	SEER	Wh/Wh	8.42	7.81	7.66
	SCOP	Wh/Wh	5.13	4.87	4.72
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(320 x 1) + (320 x 1)	(430 x 1) + (320 x 1)	(430 x 1) + (320 x 1)
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct
	Output	W x No.	(900 x 2) + (900 x 2)	(1,500 x 2) + (900 x 2)	(1,500 x 2) + (900 x 2)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 4	62.1 x 4	62.1 x 4
	Number of Revolution	rev./min	3,600 x 4	3,600 x 4	3,600 x 4
	Motor Output	W x No.	5,300 x 4	5,300 x 4	5,300 x 4
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
Dimensions	Net (W x H x D)	mm	(1,240 x 1,745 x 760) x 2	((1,640 x 1,745 x 760) x 1) + ((1,240 x 1,745 x 760) x 1)	((1,640 x 1,745 x 760) x 1) + ((1,240 x 1,745 x 760) x 1)
	Shipping (W x H x D)	mm	(1,282 x 1,919 x 802) x 2	((1,675 x 1,919 x 802) x 1) + ((1,282 x 1,919 x 802) x 1)	((1,675 x 1,919 x 802) x 1) + ((1,282 x 1,919 x 802) x 1)
Weight	Net	kg	(300 x 1) + (300 x 1)	(362 x 1) + (300 x 1)	(362 x 1) + (300 x 1)
	Shipping	kg	(310 x 1) + (310 x 1)	(372 x 1) + (310 x 1)	(372 x 1) + (310 x 1)
Refrigerant	Type	-	R410A	R410A	R410A
	Precharged Amount	kg	32.0	32.0	32.0
	t-CO ₂ eq.	-	66.800	66.800	66.800
	Control Type	-	EEV	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	65.0	66.1	66.8
	Heating	dB (A)	66.5	67.9	67.9
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	89.0	88.1	88.5
	Heating	dB (A)	92.0	91.5	91.5
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM460LTE6 / ARUM480LTE6
ARUM500LTE6

HP			46	48	50
Classification	Chassis	-	UXC + UXC	UXC + UXC	UXB + UXB + UXA
	Combination Unit	-	ARUM240LTE6 ARUM220LTE6	ARUM240LTE6 ARUM240LTE6	ARUM200LTE6 ARUM180LTE6 ARUM120LTE6
Power Supply	V, Ø, Hz		380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50
Cooling Capacity	Rated	kW	128.8	134.4	140.0
	Max	kW	144.9	151.2	157.5
Heating Capacity	Rated	kW	128.8	134.4	140.0
	Max	kW	144.9	151.2	157.5
Power Input (Cooling)	Rated	kW	48.15	52.30	43.58
Power Input (Heating)	Rated	kW	34.57	37.22	31.00
Efficiency	EER (Rated)	W/W	2.67	2.57	3.21
	COP (Rated)	W/W	3.73	3.61	4.52
	SEER	Wh/Wh	7.06	6.91	8.34
	SCOP	Wh/Wh	4.47	4.31	4.97
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(430 x 1) + (430 x 1)	(430 x 1) + (430 x 1)	(320 x 1) + (320 x 1) + (220 x 1)
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2)	(1,500 x 2) + (1,500 x 2)	(900 x 2) + (900 x 2) + (1,200 x 1)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 4	62.1 x 4	62.1 x 5
	Number of Revolution	rev./min	3,600 x 4	3,600 x 4	3,600 x 5
	Motor Output	W x No.	5,300 x 4	5,300 x 4	5,300 x 5
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
Dimensions	Net (W x H x D)	mm	(1,640 x 1,745 x 760) x 2	(1,640 x 1,745 x 760) x 2	((1,240 x 1,745 x 760) x 2) + ((930 x 1,745 x 760) x 1)
	Shipping (W x H x D)	mm	(1,675 x 1,919 x 802) x 2	(1,675 x 1,919 x 802) x 2	((1,282 x 1,919 x 802) x 2) + ((965 x 1,919 x 802) x 1)
Weight	Net	kg	(362 x 1) + (362 x 1)	(362 x 1) + (362 x 1)	(300 x 1) + (300 x 1) + (215 x 1)
	Shipping	kg	(372 x 1) + (372 x 1)	(372 x 1) + (372 x 1)	(310 x 1) + (310 x 1) + (225 x 1)
Refrigerant	Type	-	R410A	R410A	R410A
	Precharged Amount	kg	32.0	32.0	41.5
	t-CO ₂ eq.	-	66.800	66.800	86.631
	Control Type	-	EEV	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	67.5	68.0	65.6
	Heating	dB (A)	69.0	69.0	66.8
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	87.5	88.0	89.1
	Heating	dB (A)	91.0	91.0	91.3
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

**ARUM520LTE6 / ARUM540LTE6
ARUM560LTE6**


HP			52	54	56
Classification	Chassis	-	UXB + UXB + UXA	UXB + UXB + UXB	UXB + UXB + UXB
	Combination Unit	-	ARUM200LTE6 ARUM200LTE6 ARUM120LTE6	ARUM200LTE6 ARUM200LTE6 ARUM140LTE6	ARUM200LTE6 ARUM200LTE6 ARUM160LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	145.6	151.2	156.8
	Heating Capacity	Rated	kW	145.6	151.2
Heating Capacity	Max	kW	163.8	170.1	176.4
	Rated	kW	46.73	46.96	50.53
Power Input (Cooling)	Rated	kW	33.05	33.71	35.37
Efficiency	EER (Rated)	W/W	3.12	3.22	3.10
	COP (Rated)	W/W	4.41	4.49	4.43
	SEER	Wh/Wh	8.26	8.46	8.27
	SCOP	Wh/Wh	5.08	5.14	5.24
	Type	-	Propeller Fan	Propeller Fan	Propeller Fan
Outdoor Fan	Air Flow Rate (High)	m ³ /min x No.	(320 x 1) + (320 x 1) + (220 x 1)	(320 x 1) + (320 x 1) + (320 x 1)	(320 x 1) + (320 x 1) + (320 x 1)
	Discharge direction (Side / Top)	-	Top	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct
	Output	W x No.	(900 x 2) + (900 x 2) + (1,200 x 1)	(900 x 2) + (900 x 2) + (900 x 2)	(900 x 2) + (900 x 2) + (900 x 2)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 5	62.1 x 5	62.1 x 5
	Number of Revolution	rev./min	3,600 x 5	3,600 x 5	3,600 x 5
	Motor Output	W x No.	5,300 x 5	5,300 x 5	5,300 x 5
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Net (W x H x D)	mm	((1,240 x 1,745 x 760) x 2) + ((930 x 1,745 x 760) x 1)	(1,240 x 1,745 x 760) x 3	(1,240 x 1,745 x 760) x 3
Dimensions	Shipping (W x H x D)	mm	((1,282 x 1,919 x 802) x 2) + ((965 x 1,919 x 802) x 1)	(1,282 x 1,919 x 802) x 3	(1,282 x 1,919 x 802) x 3
	Net	kg	(300 x 1) + (300 x 1) + (215 x 1)	(300 x 1) + (300 x 1) + (255 x 1)	(300 x 1) + (300 x 1) + (255 x 1)
Weight	Shipping	kg	(310 x 1) + (310 x 1) + (225 x 1)	(310 x 1) + (310 x 1) + (265 x 1)	(310 x 1) + (310 x 1) + (265 x 1)
	Type	-	R410A	R410A	R410A
Refrigerant	Precharged Amount	kg	41.5	45.0	45.0
	t-CO ₂ eq.	-	86.631	93.938	93.938
	Control Type	-	EEV	EEV	EEV
	Liquid	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
Connecting Pipe	Gas	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)
	Cooling	dB (A)	66.0	66.2	66.3
Sound Pressure Level (Outdoor Unit)	Heating	dB (A)	67.4	67.6	67.7
	Cooling	dB (A)	89.5	89.6	90.5
Sound Power Level (Outdoor Unit)	Heating	dB (A)	92.4	92.3	92.8
	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

**ARUM580LTE6 / ARUM600LTE6
ARUM620LTE6**


HP			58	60	62
Classification	Chassis	-	UXB + UXB + UXB	UXB + UXB + UXB	UXC + UXB + UXB
	Combination Unit	-	ARUM200LTE6 ARUM200LTE6 ARUM180LTE6	ARUM200LTE6 ARUM200LTE6 ARUM200LTE6	ARUM220LTE6 ARUM200LTE6 ARUM200LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	162.4	168.0	173.6
	Heating Capacity	Rated	kW	162.4	168.0
Heating Capacity	Max	kW	182.7	189.0	195.3
	Rated	kW	49.47	52.62	57.08
Power Input (Cooling)	Rated	kW	35.87	37.92	41.24
Efficiency	EER (Rated)	W/W	3.28	3.19	3.04
	COP (Rated)	W/W	4.53	4.43	4.21
	SEER	Wh/Wh	8.49	8.42	8.01
	SCOP	Wh/Wh	5.02	5.13	4.96
	Type	-	Propeller Fan	Propeller Fan	Propeller Fan
Outdoor Fan	Air Flow Rate (High)	m ³ /min x No.	(320 x 1) + (320 x 1) + (320 x 1)	(320 x 1) + (320 x 1) + (320 x 1)	(430 x 1) + (320 x 1) + (320 x 1)
	Discharge direction (Side / Top)	-	Top	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct
	Output	W x No.	(900 x 2) + (900 x 2) + (900 x 2)	(900 x 2) + (900 x 2) + (900 x 2)	(1,500 x 2) + (900 x 2) + (900 x 2)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 6	62.1 x 6	62.1 x 6
	Number of Revolution	rev./min	3,600 x 6	3,600 x 6	3,600 x 6
	Motor Output	W x No.	5,300 x 6	5,300 x 6	5,300 x 6
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Net (W x H x D)	mm	(1,240 x 1,745 x 760) x 3	(1,240 x 1,745 x 760) x 3	((1,640 x 1,745 x 760) x 1) + ((1,240 x 1,745 x 760) x 2)
Dimensions	Shipping (W x H x D)	mm	(1,282 x 1,919 x 802) x 3	(1,282 x 1,919 x 802) x 3	((1,675 x 1,919 x 802) x 1) + ((1,282 x 1,919 x 802) x 2)
	Net	kg	(300 x 1) + (300 x 1) + (300 x 1)	(300 x 1) + (300 x 1) + (300 x 1)	(362 x 1) + (300 x 1) + (300 x 1)
Weight	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1)	(310 x 1) + (310 x 1) + (310 x 1)	(372 x 1) + (310 x 1) + (310 x 1)
	Type	-	R410A	R410A	R410A
Refrigerant	Precharged Amount	kg	48.0	48.0	48.0
	t-CO ₂ eq.	-	100.200	100.200	100.200
	Control Type	-	EEV	EEV	EEV
	Liquid	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.20 (7/8)
Connecting Pipe	Gas	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)
	Cooling	dB (A)	66.5	66.8	67.5
Sound Pressure Level (Outdoor Unit)	Heating	dB (A)	67.8	68.3	69.3
	Cooling	dB (A)	90.5	90.8	90.2
Sound Power Level (Outdoor Unit)	Heating	dB (A)	93.0	93.8	93.5
	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM640LTE6 / ARUM660LTE6
ARUM680LTE6

HP			64	66	68
Classification	Chassis	-	UXC + UXB + UXB	UXC + UXC + UXB	UXC + UXC + UXB
	Combination Unit	-	ARUM240LTE6 ARUM200LTE6 ARUM200LTE6	ARUM240LTE6 ARUM220LTE6 ARUM200LTE6	ARUM240LTE6 ARUM200LTE6 ARUM200LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	179.2	184.8	190.4
	Heating Capacity	Rated	kW	179.2	184.8
Power Input (Cooling)	Rated	kW	61.23	65.69	69.84
	Power Input (Heating)	Rated	kW	43.89	47.21
Efficiency	EER (Rated)	W/W	2.93	2.81	2.73
	COP (Rated)	W/W	4.08	3.91	3.82
	SEER	Wh/Wh	7.91	7.51	7.41
	SCOP	Wh/Wh	4.86	4.69	4.58
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(430 x 1) + (320 x 1) + (320 x 1)	(430 x 1) + (430 x 1) + (320 x 1)	(430 x 1) + (430 x 1) + (320 x 1)
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct
	Output	W x No.	(1,500 x 2) + (900 x 2) + (900 x 2)	(1,500 x 2) + (1,500 x 2) + (900 x 2)	(1,500 x 2) + (1,500 x 2) + (900 x 2)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 6	62.1 x 6	62.1 x 6
	Number of Revolution	rev./min	3,600 x 6	3,600 x 6	3,600 x 6
	Motor Output	W x No.	5,300 x 6	5,300 x 6	5,300 x 6
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
Dimensions	Net (W x H x D)	mm	((1,640 x 1,745 x 760) x 1) + ((1,240 x 1,745 x 760) x 2)	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 1)	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 1)
	Shipping (W x H x D)	mm	((1,675 x 1,919 x 802) x 1) + ((1,282 x 1,919 x 802) x 2)	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 1)	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 1)
Weight	Net	kg	(362 x 1) + (300 x 1) + (300 x 1)	(362 x 1) + (362 x 1) + (300 x 1)	(362 x 1) + (362 x 1) + (300 x 1)
	Shipping	kg	(372 x 1) + (310 x 1) + (310 x 1)	(372 x 1) + (372 x 1) + (310 x 1)	(372 x 1) + (372 x 1) + (310 x 1)
Refrigerant	Type	-	R410A	R410A	R410A
	Precharged Amount	kg	48.0	48.0	48.0
	t-CO ₂ eq.	-	100.200	100.200	100.200
	Control Type	-	EEV	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø22.20 (7/8)	Ø22.20 (7/8)	Ø22.20 (7/8)
	Gas	mm (inch)	Ø41.30 (1-5/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø34.90 (1-3/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	68.0	68.6	69.0
	Heating	dB (A)	69.3	70.1	70.1
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	90.5	89.8	90.1
	Heating	dB (A)	93.5	93.1	93.1
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM700LTE6 / ARUM720LTE6
ARUM740LTE6

HP			70	72	74
Classification	Chassis	-	UXB + UXB + UXB + UXA	UXB + UXB + UXB + UXA	UXB + UXB + UXB + UXB
	Combination Unit	-	ARUM200LTE6 ARUM200LTE6 ARUM180LTE6 ARUM120LTE6	ARUM200LTE6 ARUM200LTE6 ARUM200LTE6 ARUM120LTE6	ARUM200LTE6 ARUM200LTE6 ARUM200LTE6 ARUM140LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	196.0	201.6	207.2
	Heating Capacity	Rated	kW	196.0	201.6
Power Input (Cooling)	Rated	kW	61.12	64.27	64.50
	Power Input (Heating)	Rated	kW	43.64	45.69
Efficiency	EER (Rated)	W/W	3.21	3.14	3.21
	COP (Rated)	W/W	4.49	4.41	4.47
	SEER	Wh/Wh	8.36	8.30	8.45
	SCOP	Wh/Wh	5.01	5.09	5.14
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(320 x 1) + (320 x 1) + (320 x 1) + (220 x 1)	(320 x 1) + (320 x 1) + (320 x 1) + (220 x 1)	(320 x 1) + (320 x 1) + (320 x 1) + (220 x 1)
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct
	Output	W x No.	(900 x 2) + (900 x 2) + (900 x 2) + (1,200 x 1)	(900 x 2) + (900 x 2) + (900 x 2) + (1,200 x 1)	(900 x 2) + (900 x 2) + (900 x 2) + (900 x 2)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 7	62.1 x 7	62.1 x 7
	Number of Revolution	rev./min	3,600 x 7	3,600 x 7	3,600 x 7
	Motor Output	W x No.	5,300 x 7	5,300 x 7	5,300 x 7
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
Dimensions	Net (W x H x D)	mm	((1,240 x 1,745 x 760) x 3) + ((930 x 1,745 x 760) x 1)	((1,240 x 1,745 x 760) x 3) + ((930 x 1,745 x 760) x 1)	(1,240 x 1,745 x 760) x 4
	Shipping (W x H x D)	mm	((1,282 x 1,919 x 802) x 3) + ((965 x 1,919 x 802) x 1)	((1,282 x 1,919 x 802) x 3) + ((965 x 1,919 x 802) x 1)	(1,282 x 1,919 x 802) x 4
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1) + (215 x 1)	(300 x 1) + (300 x 1) + (300 x 1) + (215 x 1)	(300 x 1) + (300 x 1) + (300 x 1) + (255 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1) + (225 x 1)	(310 x 1) + (310 x 1) + (310 x 1) + (225 x 1)	(310 x 1) + (310 x 1) + (310 x 1) + (265 x 1)
Refrigerant	Type	-	R410A	R410A	R410A
	Precharged Amount	kg	57.5	57.5	61.0
	t-CO ₂ eq.	-	120.031	120.031	127.338
	Control Type	-	EEV	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø22.20 (7/8)	Ø22.20 (7/8)	Ø22.20 (7/8)
	Gas	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	67.2	67.4	67.6
	Heating	dB (A)	68.5	68.9	69.0
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	90.8	91.1	91.2
	Heating	dB (A)	93.3	94.1	94.0
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM760LTE6 / ARUM780LTE6
ARUM800LTE6

HP			76	78	80
Classification	Chassis	-	UXB + UXB + UXB + UXB	UXB + UXB + UXB + UXB	UXB + UXB + UXB + UXB
	Combination Unit	-	ARUM200LTE6 ARUM200LTE6 ARUM200LTE6 ARUM160LTE6	ARUM200LTE6 ARUM200LTE6 ARUM200LTE6 ARUM180LTE6	ARUM200LTE6 ARUM200LTE6 ARUM200LTE6 ARUM200LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	212.8	218.4	224.0
Heating Capacity	Rated	kW	212.8	218.4	224.0
	Max	kW	239.4	245.7	252.0
Power Input (Cooling)	Rated	kW	68.07	67.01	70.16
Power Input (Heating)	Rated	kW	48.01	48.51	50.56
Efficiency	EER (Rated)	W/W	3.13	3.26	3.19
	COP (Rated)	W/W	4.43	4.50	4.43
	SEER	Wh/Wh	8.30	8.47	8.42
	SCOP	Wh/Wh	5.21	5.05	5.13
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(320 x 1) + (320 x 1) + (320 x 1)	(320 x 1) + (320 x 1) + (320 x 1)	(320 x 1) + (320 x 1) + (320 x 1)
	Discharge direction (Side / Top)	-	Top	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct
Compressor	Output	W x No.	(900 x 2) + (900 x 2) + (900 x 2)	(900 x 2) + (900 x 2) + (900 x 2)	(900 x 2) + (900 x 2) + (900 x 2)
	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 7	62.1 x 8	62.1 x 8
	Number of Revolution	rev./min	3,600 x 7	3,600 x 8	3,600 x 8
	Motor Output	W x No.	5,300 x 7	5,300 x 8	5,300 x 8
Heat Exchanger	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
Dimensions	Net (W x H x D)	mm	(1,240 x 1,745 x 760) x 4	(1,240 x 1,745 x 760) x 4	(1,240 x 1,745 x 760) x 4
	Shipping (W x H x D)	mm	(1,282 x 1,919 x 802) x 4	(1,282 x 1,919 x 802) x 4	(1,282 x 1,919 x 802) x 4
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1) + (255 x 1)	(300 x 1) + (300 x 1) + (300 x 1) + (300 x 1)	(300 x 1) + (300 x 1) + (300 x 1) + (300 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1) + (265 x 1)	(310 x 1) + (310 x 1) + (310 x 1) + (310 x 1)	(310 x 1) + (310 x 1) + (310 x 1) + (310 x 1)
Refrigerant	Type	-	R410A	R410A	R410A
	Precharged Amount	kg	61.0	64.0	64.0
	t-CO ₂ eq.	-	127.338	133.600	133.600
	Control Type	-	EEV	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø22.20 (7/8)	Ø22.20 (7/8)	Ø22.20 (7/8)
	Gas	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	67.7	67.8	68.0
	Heating	dB (A)	69.1	69.2	69.5
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	91.8	91.8	92.0
	Heating	dB (A)	94.3	94.4	95.0
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM820LTE6 / ARUM840LTE6



HP			82	84
Classification	Chassis	-	UXC + UXC + UXB + UXB	UXC + UXC + UXB + UXB
	Combination Unit	-	ARUM240LTE6 ARUM240LTE6 ARUM200LTE6 ARUM140LTE6	ARUM240LTE6 ARUM240LTE6 ARUM200LTE6 ARUM160LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	229.6	235.2
Heating Capacity	Rated	kW	229.6	235.2
	Max	kW	258.3	264.6
Power Input (Cooling)	Rated	kW	81.72	85.29
Power Input (Heating)	Rated	kW	58.29	59.95
Efficiency	EER (Rated)	W/W	2.81	2.76
	COP (Rated)	W/W	3.94	3.92
	SEER	Wh/Wh	7.70	7.55
	SCOP	Wh/Wh	4.73	4.80
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(430 x 1) + (430 x 1) + (320 x 1) + (320 x 1)	(430 x 1) + (430 x 1) + (320 x 1) + (320 x 1)
	Discharge direction (Side / Top)	-	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct
Compressor	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (900 x 2) + (900 x 2)	(1,500 x 2) + (1,500 x 2) + (900 x 2) + (900 x 2)
	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 7	62.1 x 7
	Number of Revolution	rev./min	3,600 x 7	3,600 x 7
	Motor Output	W x No.	5,300 x 7	5,300 x 7
Heat Exchanger	Oil Type	-	FW68L (PVE)	FW68L (PVE)
	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
Dimensions	Net (W x H x D)	mm	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2)	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2)
	Shipping (W x H x D)	mm	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2)	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2)
Weight	Net	kg	(362 x 1) + (362 x 1) + (300 x 1) + (255 x 1)	(362 x 1) + (362 x 1) + (300 x 1) + (255 x 1)
	Shipping	kg	(372 x 1) + (372 x 1) + (310 x 1) + (265 x 1)	(372 x 1) + (372 x 1) + (310 x 1) + (265 x 1)
Refrigerant	Type	-	R410A	R410A
	Precharged Amount	kg	61.0	61.0
	t-CO ₂ eq.	-	127.338	127.338
	Control Type	-	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø22.20 (7/8)	Ø22.20 (7/8)
	Gas	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	69.5	69.6
	Heating	dB (A)	70.6	70.6
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	90.6	91.3
	Heating	dB (A)	93.4	93.8
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM860LTE6 / ARUM880LTE6



HP			86	88
Classification	Chassis	-	UXC + UXC + UXB + UXB	UXC + UXC + UXB + UXB
	Combination Unit	-	ARUM240LTE6 ARUM240LTE6 ARUM200LTE6 ARUM180LTE6	ARUM240LTE6 ARUM240LTE6 ARUM200LTE6 ARUM200LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	240.8	246.4
	Max	kW	270.9	277.2
Heating Capacity	Rated	kW	240.8	246.4
	Max	kW	270.9	277.2
Power Input (Cooling)	Rated	kW	84.23	87.38
Power Input (Heating)	Rated	kW	60.45	62.50
Efficiency	EER (Rated)	W/W	2.86	2.82
	COP (Rated)	W/W	3.98	3.94
	SEER	Wh/Wh	7.72	7.66
	SCOP	Wh/Wh	4.64	4.72
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(430 x 1) + (430 x 1) + (320 x 1) + (320 x 1)	(430 x 1) + (430 x 1) + (320 x 1) + (320 x 1)
	Discharge direction (Side / Top)	-	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct
Compressor	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (900 x 2) + (900 x 2)	(1,500 x 2) + (1,500 x 2) + (900 x 2) + (900 x 2)
	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 8	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8	3,600 x 8
	Motor Output	W x No.	5,300 x 8	5,300 x 8
	Oil Type	-	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Net (W x H x D)	mm	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2)	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2)
Dimensions	Shipping (W x H x D)	mm	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2)	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2)
	Net	kg	(362 x 1) + (362 x 1) + (300 x 1) + (300 x 1)	(362 x 1) + (362 x 1) + (300 x 1) + (300 x 1)
Weight	Shipping	kg	(372 x 1) + (372 x 1) + (310 x 1) + (310 x 1)	(372 x 1) + (372 x 1) + (310 x 1) + (310 x 1)
	Type	-	R410A	R410A
Refrigerant	Precharged Amount	kg	64.0	64.0
	t-CO ₂ eq.	-	133.600	133.600
	Control Type	-	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø22.20 (7/8)	Ø22.20 (7/8)
	Gas	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	69.6	69.8
	Heating	dB (A)	70.7	70.9
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	91.3	91.5
	Heating	dB (A)	93.9	94.5
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% ~ 200%). The recommended ratio is 130%.

ARUM900LTE6 / ARUM920LTE6



HP			90	92
Classification	Chassis	-	UXC + UXC + UXC + UXB	UXC + UXC + UXC + UXC
	Combination Unit	-	ARUM240LTE6 ARUM240LTE6 ARUM220LTE6 ARUM200LTE6	ARUM240LTE6 ARUM240LTE6 ARUM220LTE6 ARUM220LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	252.0	257.6
	Max	kW	283.5	289.8
Heating Capacity	Rated	kW	252.0	257.6
	Max	kW	283.5	289.8
Power Input (Cooling)	Rated	kW	91.84	96.30
Power Input (Heating)	Rated	kW	65.82	69.14
Efficiency	EER (Rated)	W/W	2.74	2.67
	COP (Rated)	W/W	3.83	3.73
	SEER	Wh/Wh	7.36	7.06
	SCOP	Wh/Wh	4.59	4.47
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(430 x 1) + (430 x 1) + (430 x 1) + (320 x 1)	(430 x 1) + (430 x 1) + (430 x 1) + (430 x 1)
	Discharge direction (Side / Top)	-	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct
Compressor	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (900 x 2)	(1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (1,500 x 2)
	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 8	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8	3,600 x 8
	Motor Output	W x No.	5,300 x 8	5,300 x 8
	Oil Type	-	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Net (W x H x D)	mm	((1,640 x 1,745 x 760) x 3) + ((1,240 x 1,745 x 760) x 1)	(1,640 x 1,745 x 760) x 4
Dimensions	Shipping (W x H x D)	mm	((1,675 x 1,919 x 802) x 3) + ((1,282 x 1,919 x 802) x 1)	(1,675 x 1,919 x 802) x 4
	Net	kg	(362 x 1) + (362 x 1) + (362 x 1) + (300 x 1)	(362 x 1) + (362 x 1) + (362 x 1) + (362 x 1)
Weight	Shipping	kg	(372 x 1) + (372 x 1) + (372 x 1) + (310 x 1)	(372 x 1) + (372 x 1) + (372 x 1) + (372 x 1)
	Type	-	R410A	R410A
Refrigerant	Precharged Amount	kg	64.0	64.0
	t-CO ₂ eq.	-	133.600	133.600
	Control Type	-	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø22.20 (7/8)	Ø22.20 (7/8)
	Gas	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	70.2	70.5
	Heating	dB (A)	71.5	72.0
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	91.1	90.5
	Heating	dB (A)	94.3	94.0
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% ~ 200%). The recommended ratio is 130%.

ARUM940LTE6 / ARUM960LTE6



HP			94	96
Classification	Chassis	-	UXC + UXC + UXC + UXC	UXC + UXC + UXC + UXC
	Combination Unit	-	ARUM240LTE6 ARUM240LTE6 ARUM240LTE6 ARUM220LTE6	ARUM240LTE6 ARUM240LTE6 ARUM240LTE6 ARUM240LTE6
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	263.2	268.8
	Heating Capacity	Rated	kW	263.2
Power Input (Cooling)	Rated	kW	100.50	104.60
	Rated	kW	71.79	74.44
Efficiency	EER (Rated)	W/W	2.62	2.57
	COP (Rated)	W/W	3.67	3.61
	SEER	Wh/Wh	6.98	6.91
	SCOP	Wh/Wh	4.39	4.31
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(430 x 1) + (430 x 1) + (430 x 1) + (430 x 1)	(430 x 1) + (430 x 1) + (430 x 1) + (430 x 1)
	Discharge direction (Side / Top)	-	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (1,500 x 2)	(1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (1,500 x 2)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 8	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8	3,600 x 8
	Motor Output	W x No.	5,300 x 8	5,300 x 8
	Oil Type	-	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Net (W x H x D)	mm	(1,640 x 1,745 x 760) x 4	(1,640 x 1,745 x 760) x 4
Dimensions	Shipping (W x H x D)	mm	(1,675 x 1,919 x 802) x 4	(1,675 x 1,919 x 802) x 4
	Weight	Net	kg	(362 x 1) + (362 x 1) + (362 x 1) + (362 x 1)
Shipping		kg	(372 x 1) + (372 x 1) + (372 x 1) + (372 x 1)	(372 x 1) + (372 x 1) + (372 x 1) + (372 x 1)
Refrigerant	Type	-	R410A	R410A
	Precharged Amount	kg	64.0	64.0
	t-CO ₂ eq.	-	133.600	133.600
	Control Type	-	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø22.20 (7/8)	Ø22.20 (7/8)
	Gas	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	70.8	71.0
	Heating	dB (A)	72.0	72.0
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	90.8	91.0
	Heating	dB (A)	94.0	94.0
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	64	64

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% ~ 200%). The recommended ratio is 130%.

1. Eurovent Test Condition : For more info regarding program consult www.eurovent-certification.com

2. Capacities are based on the following conditions :

- Cooling : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
- Heating : Indoor 20°C (68°F) DB / 15°C (59°F) WB Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB
- Piping Length : Interconnected Pipe Length = 7.5m
- Elevation Difference (Outdoor ~ Indoor Unit) is 0m.

3. Wiring cable size must comply with the applicable local and national code.

4. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.

Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc.) Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static Pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model). Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

5. Explanation of Terms

- EER : Energy Efficiency Ratio (Cooling)
- SEER : Seasonal Energy Efficiency Ratio (Refer to Typical Cooling Season)
- COP : Coefficient Of Performance (Heating)
- SCOP : Seasonal Coefficient Of Performance (Refer to Typical Heating Season)

6. Due to our policy of innovation some specifications may be changed without notification.

7. This product contains Fluorinated greenhouse gas. (R410A, GWP (Global warming potential) = 2,087.5)

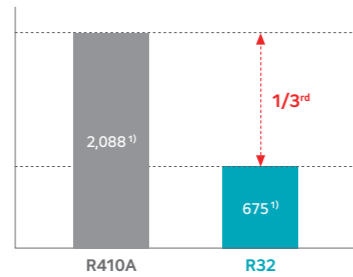
MULTI V™ i R32



Highlight of the R32 Refrigerant

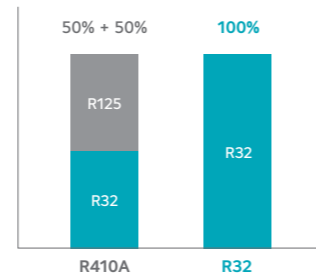
Low GWP

- More eco-friendly refrigerant compliant with regulation



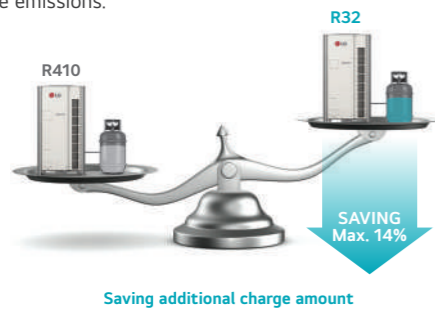
Single Component

- Easy to handle, reuse and recycle
- Affordable and readily available



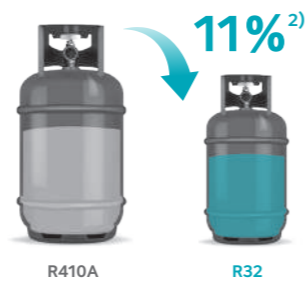
Less Carbon Emission

- MULTI V i R32 can save Max. 14% of refrigerant amount compared to R410A system, which leads to reduced carbon dioxide emissions.



Less Refrigerant Charge

- Savings on cost of injecting & replacing refrigerant
- Savings on purchase of refrigerant



※ More precaution should be needed to use R32 refrigerant due to slightly higher toxicity level.
1) Source : Global Warming Potential Values (2007, AR4)
2) Based on MULTI V i specification. This ratio is general for helping understanding, it may differ depending on the each product.

EU Refrigerant Regulations (Until a review date in 2030)

Region	Product Type	Capacity	2025	2026	2027	2028	2029	2030
EU	MULTI MULTI V	12kW or less					Jan. (Customs) GWP 150↓	2035 (Ban of F-Gas)
		12kW ↑					Jan. (Customs) GWP 750↓	2033 (GWP 150↓)

▼ : Determined / ▽ : Draft

MULTI V R32 Portfolio

Outdoor Unit

- Wide capacity range of 3 to 12 HP for MULTI V S and 8 to 28 HP for MULTI V i
- A variety of applications for houses, offices, retail shops, hotels and so on.

Indoor Unit

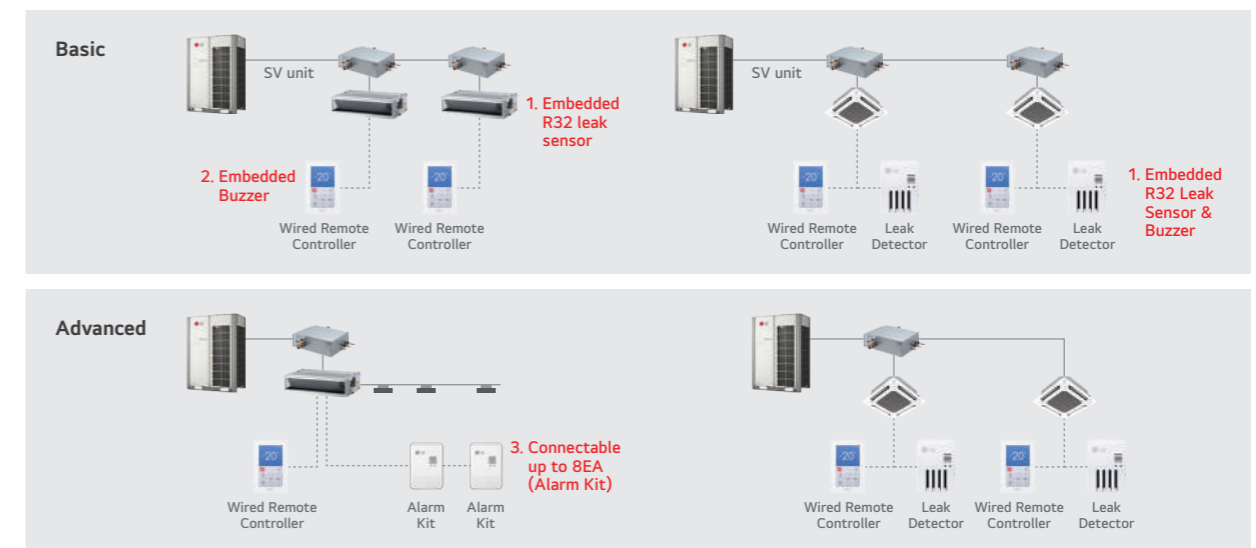
- Aesthetic interior designs with various indoor units
- Cooled or heated air delivery by space characteristics

Safety Measures

- Relief with safety measures with R32 sensors, alarms and SV units
- Compliance of IEC 60335-2-40



Applications of Safety Measures



Engineering Support

LAT R-Checker (Quick design check)

Installation Possible

Detail Information

Input Area : 50 m²
Input Ref. Quantity : 20 kg
Min. Installation Area : 59.2 m²

Graph

Refrigerant Regulation

Room	Actual Room / Area (m ²)	Level (underground/Floor)	Installed equipment	SV: Tkg	Installation Height (m)	Result based on Each (SV)
Floor00 1Room001	40		ANR124GTB04	0	2.0	Safety Device 1
Floor00 1Room002	30		ANR124GTB04	0	2.0	Safety Device 2
Floor00 1Room003	30		ANR124GTB04	0	2.0	Safety Device 3
Floor00 1Room004	40		ANR124GTB04	0	2.0	Safety Device 4
MULTI	10		PUF2016	SVUS	2.0	External Alarm

Safety device : Alarm, Ventilation, Shut-off valve
 ※ Duct and Fresh Air Intake line-ups are applicable only when each unit is installed individually in different rooms.
 ※ R32 Hydro Kit, EEV Kit should be installed in unoccupied machinery room (ISO 5149-3). Otherwise, it should be installed complying with minimum area requirement.

ZRUM080LTE6 / ZRUM100LTE6
ZRUM120LTE6

LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

		HP	UNIT	8	10	12
Classification	Chassis	-		UXA	UXA	UXA
	Combination Unit	-		ZRUM080LTE6	ZRUM100LTE6	ZRUM120LTE6
Power Supply		V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW		22.4	28.0	33.6
	Max	kW		25.2	31.5	37.8
Heating Capacity	Rated	kW		22.4	28.0	33.6
	Max	kW		25.2	31.5	37.8
Power Input (Cooling)	Rated	kW		6.10	8.33	11.65
Power Input (Heating)	Rated	kW		5.16	6.22	7.77
Efficiency	EER (Rated)	W/W		3.67	3.36	2.88
	COP (Rated)	W/W		4.34	4.50	4.32
	SEER	Wh/Wh		8.28	8.11	7.94
	SCOP	Wh/Wh		4.45	4.52	4.99
Outdoor Fan	Type	-		Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.		220 x 1	220 x 1	220 x 1
	Discharge direction (Side / Top)			Top	Top	Top
Outdoor Fan Motor	Drive	-		Direct	Direct	Direct
	Output	W x No.		1,200 x 1	1,200 x 1	1,200 x 1
Compressor	Type	-		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev		62.1	62.1	62.1
	Number of Revolution	rev./min		3,600	3,600	3,600
	Motor Output	W x No.		5,300 x 1	5,300 x 1	5,300 x 1
	Oil Type	-		FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-		Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Net (W x H x D)	mm		930 x 1,745 x 760	930 x 1,745 x 760	930 x 1,745 x 760
Dimensions	Shipping (W x H x D)	mm		965 x 1,919 x 802	965 x 1,919 x 802	965 x 1,919 x 802
	Net	kg		215	215	215
Weight	Shipping	kg		225	225	225
	Type	-		R32	R32	R32
Refrigerant	Precharged Amount	kg		7.5	8.5	8.5
	t-CO ₂ eq.	-		5.063	5.738	5.738
	Control Type	-		EEV	EEV	EEV
Connecting Pipe	Liquid	mm (inch)		Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas	mm (inch)		Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.2 (7/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)		Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.2 (7/8)
	High Pressure Gas (Heat Recovery)	mm (inch)		Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)
	*Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)		57	57.5
Sound Power Level (Outdoor Unit)	Heating	dB (A)		58	58.5	60
	Cooling	dB (A)		78	79	80
Connecting Cable	Heating	dB (A)		78	79	82
	Communication Cable (VCTF-SB)	mm ² x cores		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA		13 (20)	16 (25)	20 (30)

*: Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.

ZRUM140LTE6 / ZRUM160LTE6
ZRUM180LTE6

LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

		HP	UNIT	14	16	18
Classification	Chassis	-		UXB	UXB	UXB
	Combination Unit	-		ZRUM140LTE6	ZRUM160LTE6	ZRUM180LTE6
Power Supply		V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW		39.2	44.8	50.4
	Max	kW		44.1	50.4	56.7
Heating Capacity	Rated	kW		39.2	44.8	50.4
	Max	kW		44.1	50.4	56.7
Power Input (Cooling)	Rated	kW		11.88	15.45	14.39
Power Input (Heating)	Rated	kW		8.43	10.09	10.59
Efficiency	EER (Rated)	W/W		3.30	2.90	3.50
	COP (Rated)	W/W		4.65	4.44	4.76
	SEER	Wh/Wh		8.55	7.97	8.65
	SCOP	Wh/Wh		5.17	5.46	4.81
Outdoor Fan	Type	-		Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.		320 x 1	320 x 1	320 x 1
	Discharge direction (Side / Top)			Top	Top	Top
Outdoor Fan Motor	Drive	-		Direct	Direct	Direct
	Output	W x No.		900 x 2	900 x 2	900 x 2
Compressor	Type	-		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev		62.1	62.1	62.1 x 2
	Number of Revolution	rev./min		3,600	3,600	3,600 x 2
	Motor Output	W x No.		5,300 x 1	5,300 x 1	5,300 x 2
	Oil Type	-		FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-		Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Net (W x H x D)	mm		1,240 x 1,745 x 760	1,240 x 1,745 x 760	1,240 x 1,745 x 760
Dimensions	Shipping (W x H x D)	mm		1,282 x 1,919 x 802	1,282 x 1,919 x 802	1,282 x 1,919 x 802
	Net	kg		255	255	305
Weight	Shipping	kg		265	265	315
	Type	-		R32	R32	R32
Refrigerant	Precharged Amount	kg		11.4	11.4	14
	t-CO ₂ eq.	-		7.695	7.695	9.450
	Control Type	-		EEV	EEV	EEV
Connecting Pipe	Liquid	mm (inch)		Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Gas	mm (inch)		Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)		Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	High Pressure Gas (Heat Recovery)	mm (inch)		Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	*Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)		60	60.5
Sound Power Level (Outdoor Unit)	Heating	dB (A)		61	61.5	62
	Cooling	dB (A)		81	85	85
Connecting Cable	Heating	dB (A)		81	85	86
	Communication Cable (VCTF-SB)	mm ² x cores		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA		23 (35)	26 (40)	29 (45)

*: Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.

ZRUM200LTE6 / ZRUM220LTE6
ZRUM240LTE6

¹⁾ LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP		UNIT	20	22	24
Classification	Chassis	-	UXB	UXA + UXA	UXB + UXA
	Combination Unit	-	ZRUM200LTE6	ZRUM120LTE6 ZRUM100LTE6	ZRUM140LTE6 ZRUM100LTE6
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	56.0	61.6	67.2
	Heating Capacity	Rated	56.0	61.6	67.2
Heating Capacity	Max	kW	63.0	69.3	75.6
	Power Input (Cooling)	Rated	kW	17.54	19.98
Power Input (Heating)	Rated	kW	12.64	13.99	14.65
	Efficiency	EER (Rated)	W/W	3.19	3.08
COP (Rated)		W/W	4.43	4.40	4.59
SEER		Wh/Wh	8.42	8.03	8.33
SCOP		Wh/Wh	5.13	4.76	4.85
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	320 x 1	(220 x 1) + (220 x 1)	(320 x 1) + (220 x 1)
	Discharge direction (Side / Top)		Top	Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct	Direct
	Output	W x No.	900 x 2	(1,200 x 1) + (1,200 x 1)	(900 x 2) + (1,200 x 1)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 2	62.1 x 2	62.1 x 2
	Number of Revolution	rev./min	3,600 x 2	3,600 x 2	3,600 x 2
	Motor Output	W x No.	5,300 x 2	5,300 x 2	5,300 x 2
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Dimensions	Net (W x H x D)	mm	1,240 x 1,745 x 760	(930 x 1,745 x 760) x 2
Shipping (W x H x D)		mm	1,282 x 1,919 x 802	(965 x 1,919 x 802) x 2	(1,282 x 1,919 x 802) x 1 + (965 x 1,919 x 802) x 1
Weight	Net	kg	305	215 x 2	(255 x 1) + (215 x 1)
	Shipping	kg	315	225 x 2	(265 x 1) + (225 x 1)
Refrigerant	Type	-	R32	R32	R32
	Precharged Amount	kg	14	17	19.9
	t-CO ₂ eq.	-	9.450	11.475	13.433
	Control Type	-	EEV	EEV	EEV
	Connecting Pipe	Liquid	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)
Gas		mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
Low Pressure Gas (Heat Recovery)		mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
High Pressure Gas (Heat Recovery)		mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
*Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	62	61.3	61.9
	Heating	dB (A)	63.5	62.3	62.9
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	86	82.5	83.1
	Heating	dB (A)	89	83.8	83.1
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	32 (50)	35 (56)	39 (61)

* Sound Pressure is not a value declared on Eurovent Program

¹⁾ Applying to 20HP outdoor units only.

Note :

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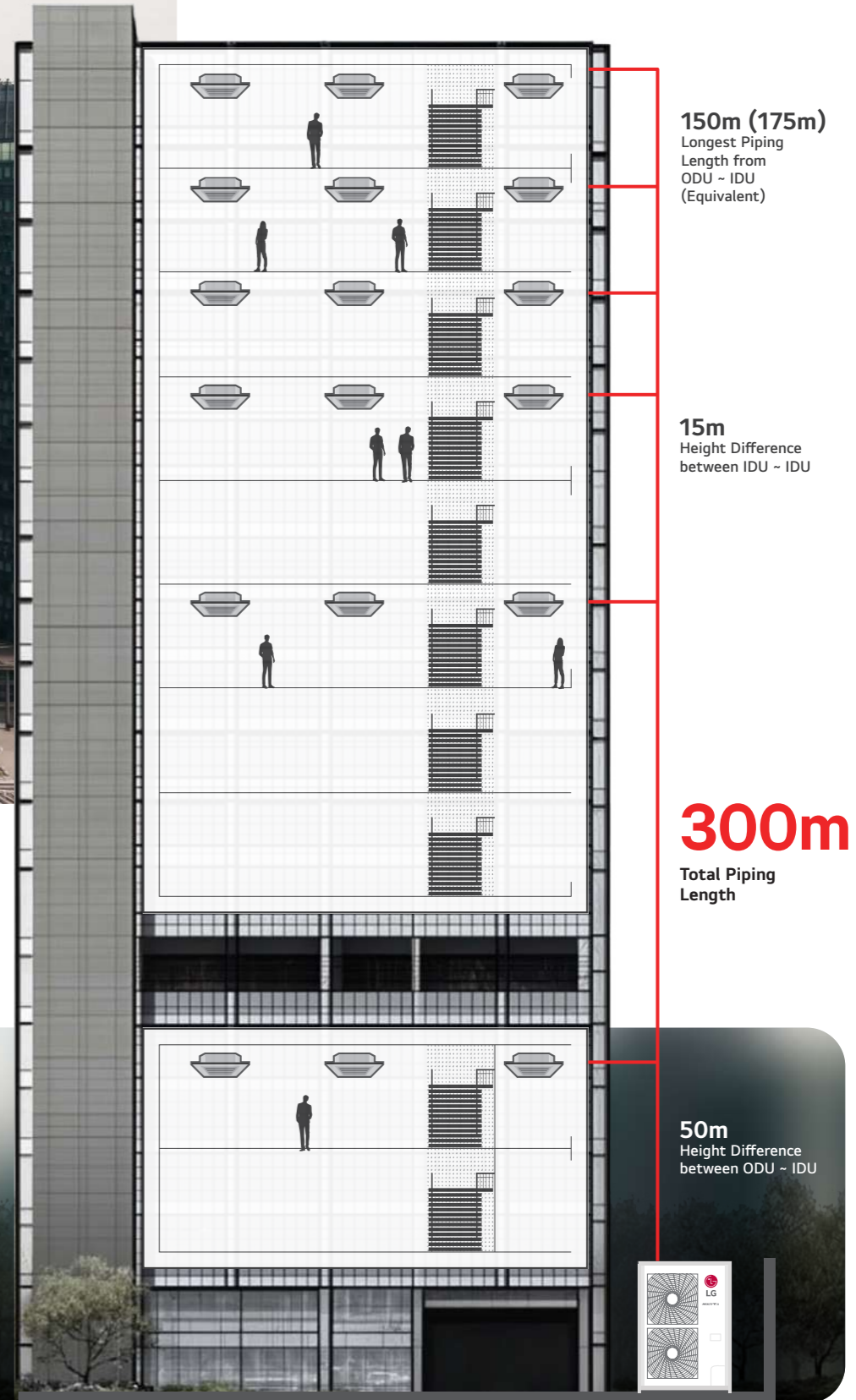
ZRUM260LTE6 / ZRUM280LTE6



HP		UNIT	26	28
Classification	Chassis	-	UXB + UXA	UXB + UXA
	Combination Unit	-	ZRUM140LTE6 ZRUM120LTE6	ZRUM160LTE6 ZRUM120LTE6
Power Supply		V, Ø, Hz	380-415, 3, 50	380-415, 3, 50
Cooling Capacity	Rated	kW	72.8	78.4
	Heating Capacity	Rated	72.8	78.4
Heating Capacity	Max	kW	81.9	88.2
	Power Input (Cooling)	Rated	kW	23.53
Power Input (Heating)	Rated	kW	16.20	17.86
	Efficiency	EER (Rated)	W/W	3.09
COP (Rated)		W/W	4.49	4.39
SEER		Wh/Wh	8.25	7.96
SCOP		Wh/Wh	5.08	5.23
Outdoor Fan	Type	-	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	m ³ /min x No.	(320 x 1) + (220 x 1)	(320 x 1) + (220 x 1)
	Discharge direction (Side / Top)		Top	Top
Outdoor Fan Motor	Drive	-	Direct	Direct
	Output	W x No.	(900 x 2) + (1,200 x 1)	(900 x 2) + (1,200 x 1)
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 2	62.1 x 2
	Number of Revolution	rev./min	3,600 x 2	3,600 x 2
	Motor Output	W x No.	5,300 x 2	5,300 x 2
	Oil Type	-	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Dimensions	Net (W x H x D)	mm	(1,240 x 1,745 x 760) x 1 + (930 x 1,745 x 760) x 1
Shipping (W x H x D)		mm	(1,282 x 1,919 x 802) x 1 + (965 x 1,919 x 802) x 1	(1,282 x 1,919 x 802) x 1 + (965 x 1,919 x 802) x 1
Weight	Net	kg	(255 x 1) + (215 x 1)	(255 x 1) + (215 x 1)
	Shipping	kg	(265 x 1) + (225 x 1)	(265 x 1) + (225 x 1)
Refrigerant	Type	-	R32	R32
	Precharged Amount	kg	19.9	19.9
	t-CO ₂ eq.	-	13.433	13.433
	Control Type	-	EEV	EEV
	Connecting Pipe	Liquid	mm (inch)	Ø15.88 (5/8)
Gas		mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
Low Pressure Gas (Heat Recovery)		mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
High Pressure Gas (Heat Recovery)		mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	62.5	62.8
	Heating	dB (A)	63.5	63.8
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	83.5	86.2
	Heating	dB (A)	84.5	86.8
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	42 (64)	45 (56)

Note :

1. Due to our policy of innovation some specifications may be changed without notification.



OUTDOOR UNITS

MULTI V S

MULTI V S

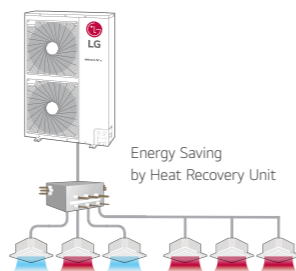
Highlights

- Energy savings
- Reliability
- Convenience

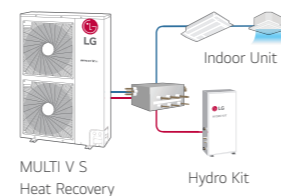
- Air cooled VRF Heat pump & Heat Recovery
- 9.0 - 33.6kW (Cooling capacity based)
- Both 1Ø, 220 - 240V, 50Hz and 3Ø, 380 - 415V, 50Hz
- Side discharge outdoor unit
- Includes the industry's first single phase Heat Recovery system
- Includes the industry's first R32 side discharge

How does it work?

Available in Heat Pump and Heat Recovery Models



Combination of Cooling, Heating and Hot Water Solution

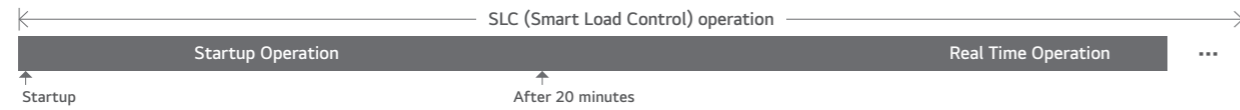


※ Heat Pump and Recovery are separated models.

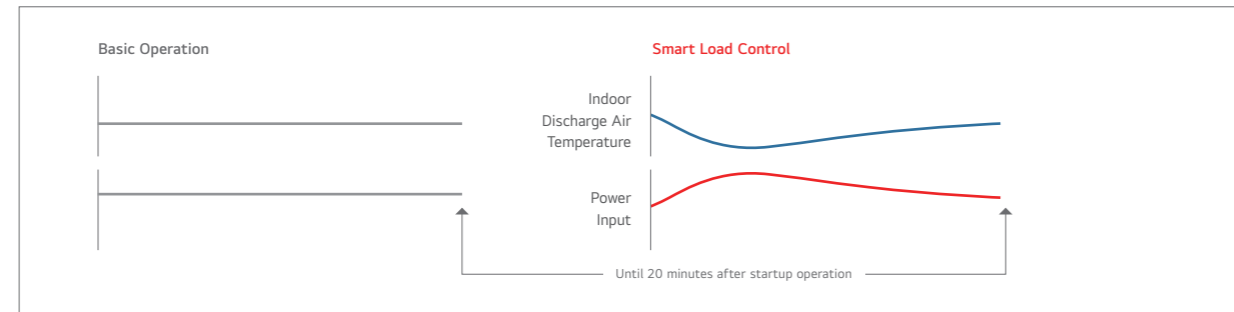
Smart Load Control Applied

Enhanced comfort and up to 23% energy savings with MULTI V load control

MULTI V S changes indoor discharge air temperature continuously according to load, to save energy.



Startup Operation

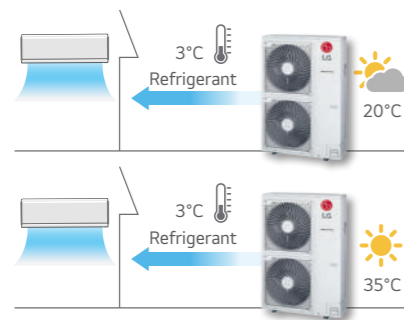


Max 10% Energy Saving

※ Indoor air discharge temperature
 - Energy efficiency increased by 3-step Smart Load Control during startup phase
 - Discharge air temperature adjusted according to outdoor and indoor temperature
 - Comfort level in cooling / heating operations ensured

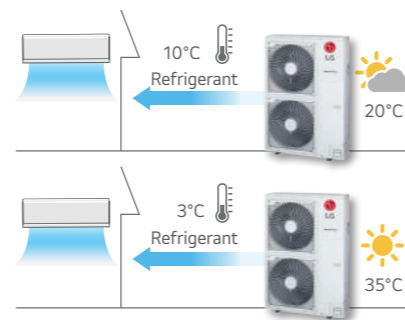
Real Time Operation

Basic Operation



Fixed refrigerant temperature

Smart Load Control



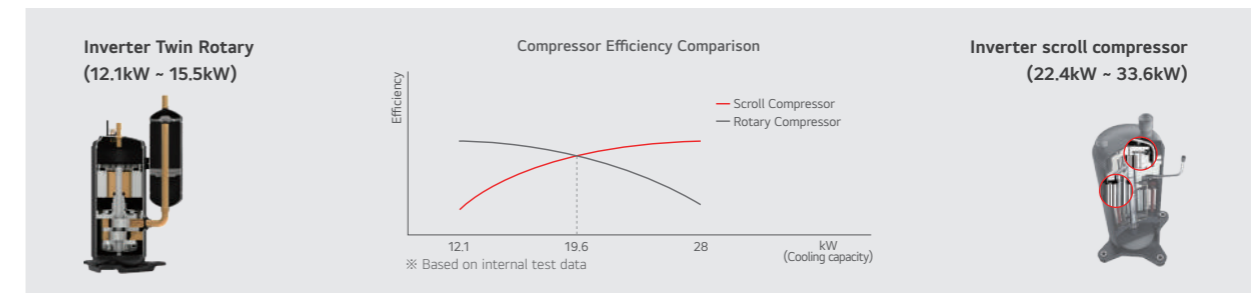
Fixed refrigerant temperature

Max 13% Energy Saving

※ How to set up : By dip switch in outdoor unit (Referred to Product Data Book) Factory default setting is Off.
 - Outdoor temperature condition : EER 100% / 75% / 50% / 25% = 35°C (DB) / 30°C (DB) / 25°C (DB) / 20°C (DB)
 - Indoor temperature condition : 27°C (DB) / 19°C (WB)
 ※ Dual sensing (Temperature & humidity) smart load control is possible with Remote controller
 PTEMTB100 (White) / PREMTBB11 (Black)

Inverter Twin Rotary & Inverter Scroll Compressor

Adapted high efficiency compressor according to capacity



Inverter Twin Rotary

Concentrated Winding Motor

Oil path area is improved by over 50% by increasing the extra stator cavity. Due to this, caloric value of motor is reduced, improving the cooling function of stator coil.



Twin Rotary Rotor

Upper and lower part of the rotor offset imbalance in shaft rotor rotation. Vibration and noise is reduced. Max torque load decreased by 45% compared to single rotor.



Surface Coating

A surface coating with exceptional abrasion resistance properties is applied to the vane and crankshaft.



Inverter scroll compressor

Best-in-class Compressor Speed

- Rapid response capability
 - Compact core design (Concentrated motor)
 - Down to 15Hz : Part load efficiency improvement



6 Bypass Valve

Compressor reliability is maximized with 6 Bypass Valve
 - Prevent compressor damage due to excessively compressed refrigerant more efficiently than 4 Bypass valve



Direct Oil Injection

- Eliminate suction refrigerant gas heat loss through direct oil injection into compression chamber (Efficiency increases)
 - Increased reliability with regulated oil supply

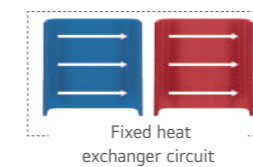
Scroll Profile

- Enhanced reliability with regulated oil supply
 - Efficiency is enhanced through a 96% expansion of the bypass area and a 17% improvement in volume ratio achieved by incorporating non-uniform scroll thickness

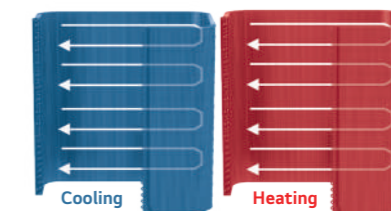
Optimal Heat Exchanger

Maximize efficiency according to different heat exchanger paths by cooling and heating

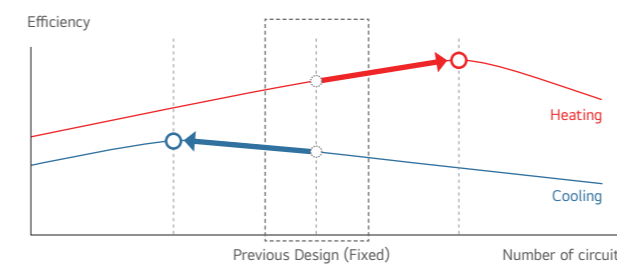
Variable Heat Exchanger Circuit intelligently selects the optimal path. With this smart path selection technology, an average of 6% increase in the efficiency of both operations has been achieved.



Fixed heat exchanger circuit

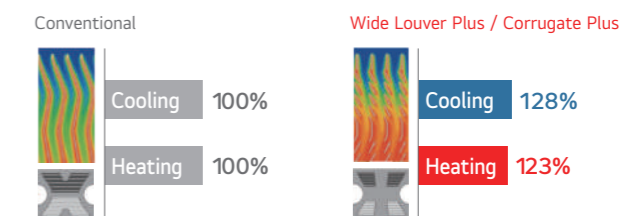


Efficiency performance



Efficiency up due to Fin shape

Up to 28% improved heat exchanger efficiency



High Efficiency

The new MULTI V S has high SEER and SCOP values by applying the 5th generation inverter scroll compressor

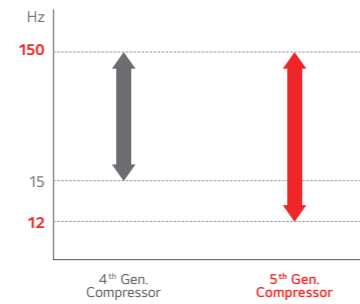
* Only for 8, 10, 12HP



Wider Frequency Range

The frequency range of the compressor is widened from 12 to 150 Hz.
→ Partial load performance is improved.

Comparison of Compressor Frequency



Higher Performance

The partial load efficiency of the 5th Gen. Compressor is about 5% higher than that of the 4th Gen. Compressor.

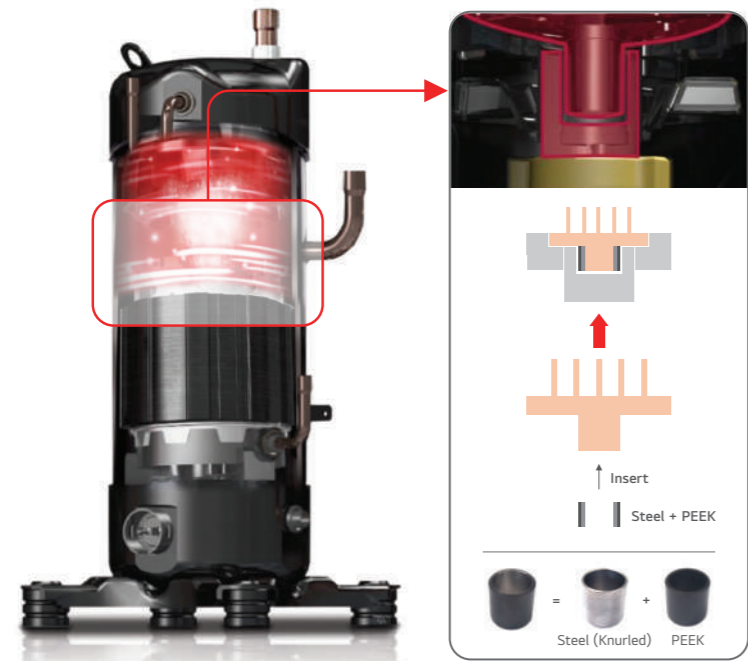
Inverter Scroll Compressor	4 th Gen.	5 th Gen.
CHEER Conditions	30 Hz	100% 105%
ARI Conditions	90 Hz	100% 104%
	120 Hz	100% 108%

※ The above compressor comparison is based on ARUN120LSS0 and ARUN120LSS5 compressors.
 ※ CHEER : Copeland High EER (Condensation Temp. : 37.9°C / Evaporation Temp. : 7.2°C / Return Gas Temp. : 18.3°C / Liquid Temp. : 29.5°C / Ambient Temp. : 35.0°C)
 ※ ARI : Air-conditioning & Refrigeration Institute (Condensation Temp. : 54.4°C / Evaporation Temp. : 7.2°C / Return Gas Temp. : 18.3°C / Liquid Temp. : 46.1°C / Ambient Temp. : 35.0°C)
 ※ The efficiency data is taken from the Eurovent certified product directory.
 → MULTI V S : ARUN**LSS5 // D Com. : RXYSQ**TY1 // ME Com. : FDC***KXZME1(A)

Reliable Inverter Compressor

The new MULTI V S is equipped with the 5th generation compressor which has an outer bearing structure for high reliability. And the outer bearing is composed of steel and PEEK.

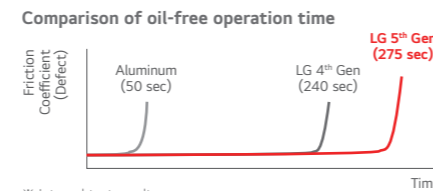
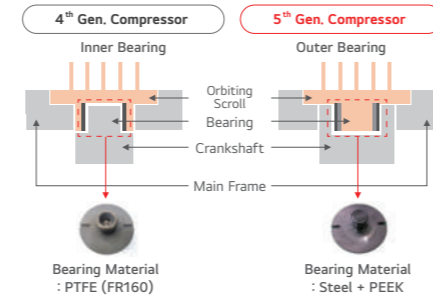
* Only for 8, 10, 12HP



* PEEK : Polyether Ether Ketone

Enhanced Bearing Technology

- Reduced vibration and bearing loads
: Outer bearing structure
- High heat tolerance & high stiffness material for bearing : Steel (Inside) + PEEK (Outside)
- Increased bearing performance in oil-free operation



※ Internal test result.
 ※ Bearing oil blocking test (Oil blocking at 60 Hz)

※ The PEEK is a semi-crystalline thermoplastic with excellent mechanical and chemical resistance properties that are retained to high temperatures.
 ※ The above images are for customer understanding, and may differ from the actual parts.

Reliable Refrigerant Components

LG technology allows for superior performance and component durability

MULTI V S improved reliability with advanced technology :

- Oil separator
- Accumulator
- Sub-cooling

- 1 Cyclonic oil separator**
 - Highly reliable and efficient oil separation by centrifuge using cyclonic methods
 - High collection efficiency as well as outstanding resistance to high temperature and pressure
- 2 Large Volume Accumulator**
 - Improved reliability by adopting the large volume accumulator (38% more volume compared to conventional)
 - Prevents the liquid refrigerant entering the compressor suction
 - Maximized efficiency with optimal usage of refrigerant
 - Protects compressor breakdown to increase product lifetime
- 3 BLDC Fan Motor**
 - The BLDC Fan motor is more efficient than a conventional AC motor, offering an additional 40% energy savings at low speeds and 20% at high speeds
- 4 Double Sub-cool Interchanger**
 - Reliability is enhanced by minimizing pressure drop due to high efficiency spiral structure and 2 times larger size
 - Long pipe is possible (up to* 175m) and high elevation (up to* 50m)
 - Reduction of indoor refrigerant noise level

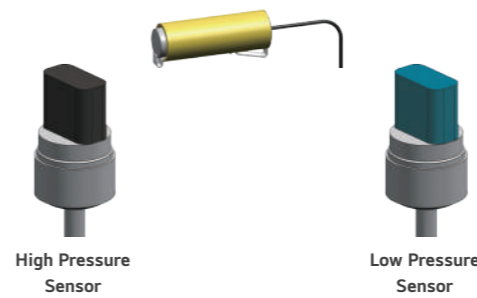
* Based on equivalent pipe length

Smart Control

Pressure control enables smart, quick and precise response to user's temperature request

Temperature + Pressure Control

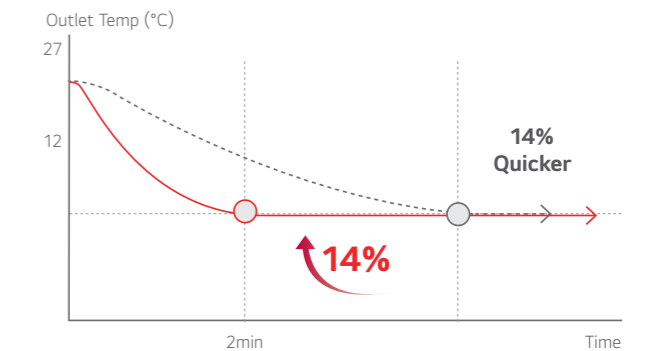
Senses and controls pressure directly using pressure sensor for faster and more precise response to load variation.



Quick Operating Response

Desired temperature can be reached up to 14% faster in cooling mode with pressure control, allowing more accurate control of indoor environment for maximized comfort.

※ Specifications may vary for each model.

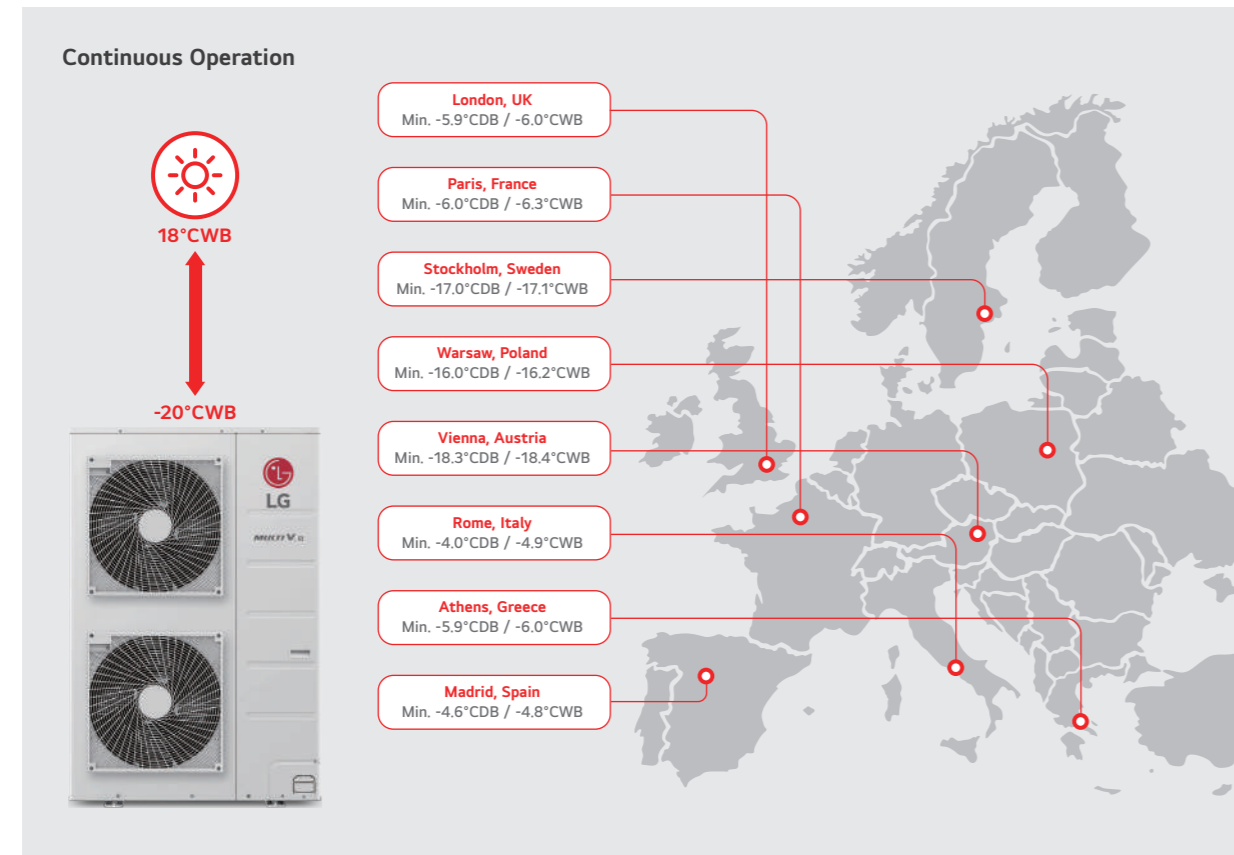
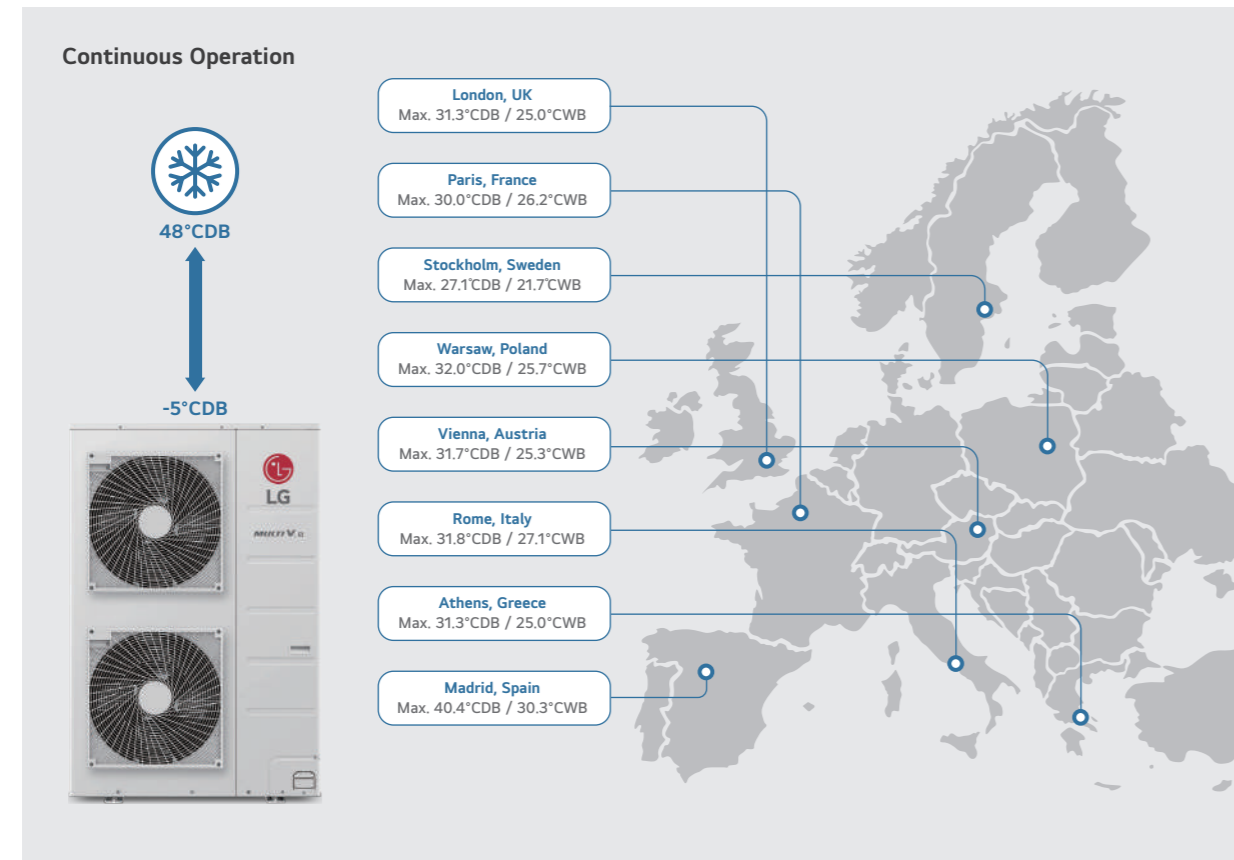


○ Pressure + Temperature Control
 ○ Temperature Control

Wide Operation Ranges (Cooling & Heating)

With wide operation ranges, MULTI V S can operate continuously in many European countries

* Only for 8, 10, 12HP

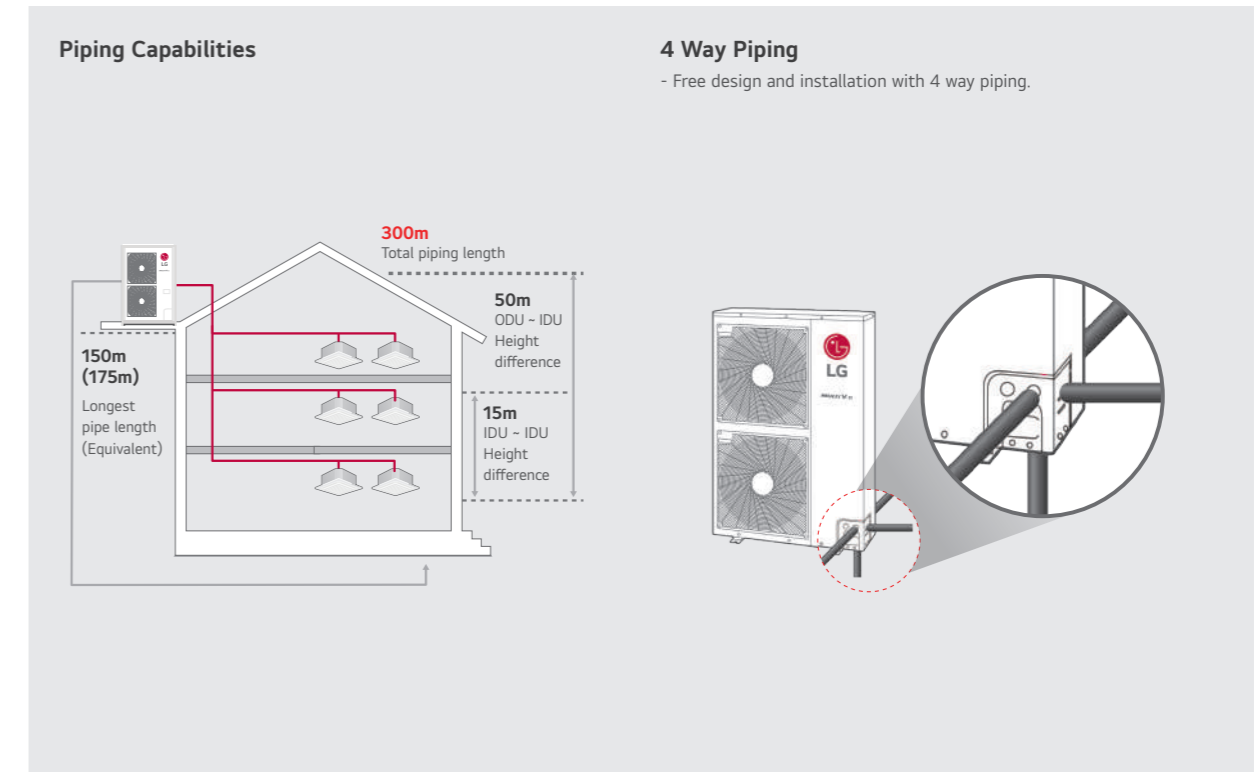


* The source of weather data is TMY(Typical Meteorological Year) data. The TMY data contains one year of hourly data that best represents weather conditions over many years.

Sufficient Piping Length

Increased piping length allows for flexible design and installation

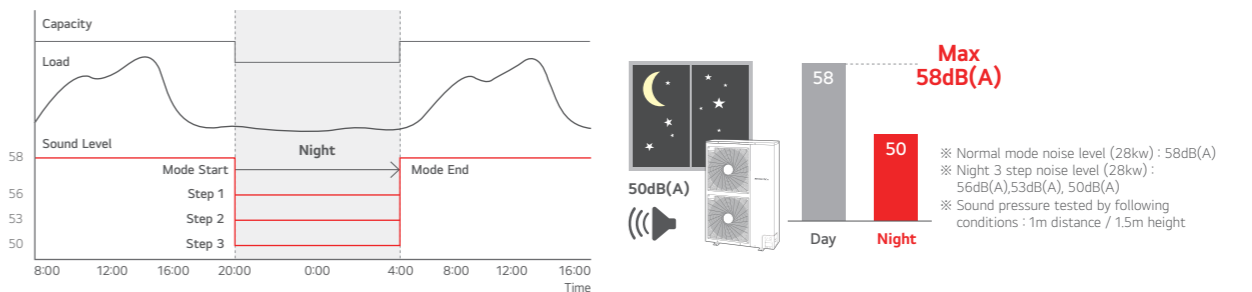
MULTI V S inverter technology and sub cooling control circuit technology allows greater piping length and outstanding elevation differences. A cooling system can be implemented more flexibly in a shop, office and even high-rise building, reducing the designer's work time and ensuring efficient designs.



Low Noise Operation

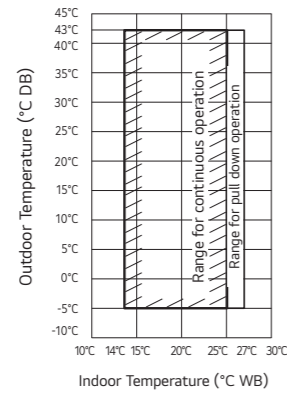
Decreased noise during operation with low noise functionality

At night low noise mode, the noise level can reduce up to 14% in comparison with normal operation mode.

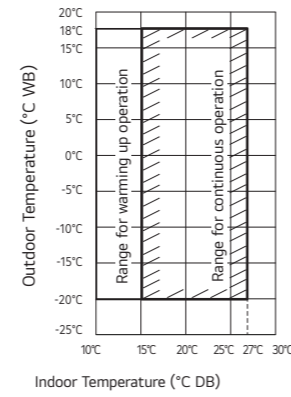


Heat Pump

Cooling

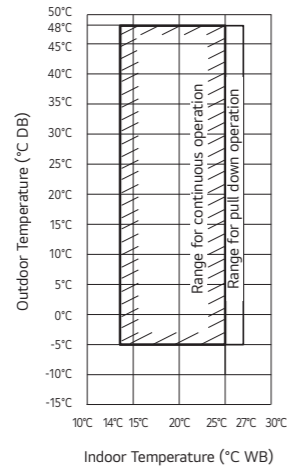


Heating

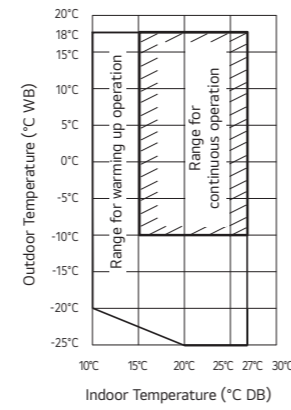


Heat Recovery

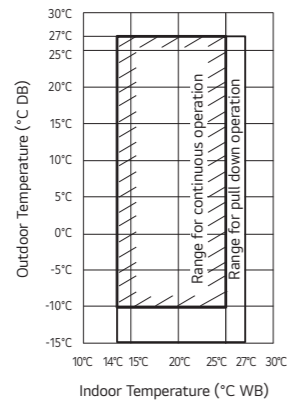
Cooling



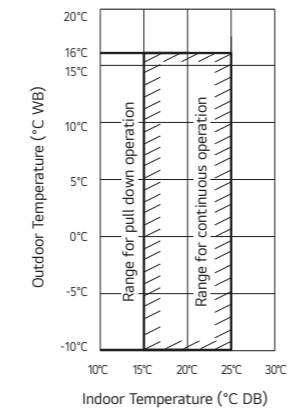
Heating



Simultaneous Cooling



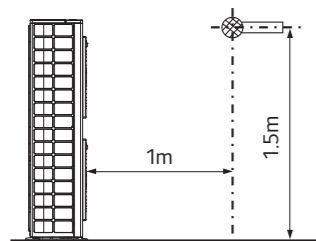
Simultaneous Heating



Note

- These figures assume the following operating conditions :
Equivalent piping length : 7.5m
Level difference : 0m
- Range of pull down operation : If the relative humidity is too high, cooling capacity can be decreased by the sensible

Position of Sound Level Measuring



Note

- These figures assume the following operating conditions :
Equivalent piping length : 7.5m
Level difference : 0m

ARUN040GSS0



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP		4	
Model Name	-	ARUN040GSS0	
Capacity	Cooling (Rated)	kW	12.1
	Heating (Rated)	kW	12.5
Input	Cooling (Rated)	kW	4.03
	Heating (Rated)	kW	3.10
EER	-	3.00	
SEER	-	5.63	
COP	Rated Capacity	-	4.03
SCOP	-	3.97	
Exterior	Color (General)	-	Warm Gray
	RAL Code (Classic)	-	RAL 7044
Heat Exchanger	Type	-	Wide Louver Plus / Corrugate Plus
	Type	-	BLDC Inverter Twin Rotary
Compressor	Combination x No.	-	(Inverter) x 1
	Motor Output x Number	W x No.	4,000 x 1
	Oil Type	-	FW68L
Fan	Oil Charge	cc	1,300
	Type	-	Axial Flow Fan
Fan	Motor Output x Number	W x No.	124 x 1
	Air Flow Rate (High)	m ³ /min x No.	60
	Drive	-	DC INVERTER
Pipe Connection	Discharge	Side / Top	Side
	Liquid Pipe	mm (inch)	Ø9.52 (3/8)
Dimensions (W x H x D)	Gas Pipe	mm (inch)	Ø15.88 (5/8)
	Dimensions (W x H x D)	mm x No.	950 x 834 x 330
Dimensions (W x H x D) - Shipping	mm x No.	(1,065 x 918 x 461) x 1	
Net Weight	kg x No.	70	
Shipping Weight	kg x No.	77 x 1	
*Sound Pressure Level	Cooling	dB(A)	50
Sound Power Level	Heating	dB(A)	52
	Cooling	dB(A)	72
Communication Cable	Heating	dB(A)	75
	mm ² x No. (VCTF-SB)	-	2C x 1.0 - 1.5
Refrigerant	Refrigerant Name	-	R410A
	Precharged Amount in factory	kg	1.8
	t-CO ₂ ,eq	-	3.758
	Control	-	Electronic Expansion Valve
Power Supply	V, Ø, Hz	220-240, 1, 50	
		220, 1, 60	
Number of Maximum Connectable Indoor Units			8

*: Sound Pressure is not a value declared on Eurovent Program.

Note

- Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.
- Refer to EUROVENT certification regulation for more detail test conditions.
- Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.
- Performances are based on the following conditions :
- Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
- Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB
- The maximum combination ratio is 160%.
- Wiring cable size must comply with the applicable local and national codes.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Power factor could vary less than ±1% according to the operating conditions.
- This product contains Fluorinated greenhouse gases. (R410A, GWP (Global warming potential) = 2087.5)

ARUN050GSS0 / ARUN060GSS0



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP			5	6
Model Name			ARUN050GSS0	ARUN060GSS0
Capacity	Cooling (Rated)	kW	14.0	15.5
	Heating (Rated)	kW	16.0	18.0
Input	Cooling (Rated)	kW	4.59	5.17
	Heating (Rated)	kW	4.18	5.00
EER			3.05	3.00
SEER			7.40	7.53
COP	Rated Capacity		3.83	3.60
SCOP			4.16	4.35
Exterior	Color (General)		Warm Gray	Warm Gray
	RAL Code (Classic)		RAL 7044	RAL 7044
Heat Exchanger	Type		Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Type		BLDC Inverter Twin Rotary	BLDC Inverter Twin Rotary
Compressor	Combination x No.		(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,000 x 1	4,000 x 1
	Oil Type		FW68L (PVE)	FW68L (PVE)
	Oil Charge	cc	1,300	1,300
	Type		Axial Flow Fan	Axial Flow Fan
Fan	Motor Output x Number	W x No.	124 x 2	124 x 2
	Air Flow Rate (High)	m ³ /min x No.	110	110
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Pipe	mm (inch)	Ø15.88 (5/8)	Ø19.05 (3/4)
Dimensions (W x H x D)	mm x No.		950 x 1,380 x 330	950 x 1,380 x 330
Dimensions (W x H x D) - Shipping	mm x No.		(1,140 x 1,549 x 466) x 1	(1,140 x 1,549 x 466) x 1
Net Weight	kg x No.		94	94
Shipping Weight	kg x No.		106	106
*Sound Pressure Level	Cooling	dB(A)	51	52
	Heating	dB(A)	53	54
Sound Power Level	Cooling	dB(A)	72	72
	Heating	dB(A)	76	77
Communication Cable	mm ² x No. (VCTF-SB)		2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5
Refrigerant	Refrigerant Name		R410A	R410A
	Precharged Amount in factory	kg	3.0	3.0
	t-CO ₂ eq		6.263	6.263
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	V, Ø, Hz		220-240, 1, 50	220-240, 1, 50
			220, 1, 60	220, 1, 60
Number of Maximum Connectable Indoor Units			10	13

*: Sound Pressure is not a value declared on Eurovent Program.

Note

1. Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.

- Refer to EUROVENT certification regulation for more detail test conditions.

- Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.

2. Performances are based on the following conditions :

- Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB

- Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB

3. The maximum combination ratio is 160%.

4. Wiring cable size must comply with the applicable local and national codes.

5. Due to our policy of innovation some specifications may be changed without notification.

6. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.

Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.

Therefore, these values can be increased owing to ambient conditions during operation.

7. Power factor could vary less than ±1% according to the operating conditions.

8. This product contains Fluorinated greenhouse gases. (R410A, GWP (Global warming potential) = 2087.5)

ARUN040LSS0 / ARUN050LSS0
ARUN060LSS0



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HP			4	5	6
Model Name			ARUN040LSS0	ARUN050LSS0	ARUN060LSS0
Capacity	Cooling (Rated)	kW	12.1	14.0	15.5
	Heating (Rated)	kW	12.5	16.0	18.0
Input	Cooling (Rated)	kW	3.39	4.59	5.17
	Heating (Rated)	kW	2.75	4.18	5.00
EER			3.57	3.05	3.00
SEER			7.42	7.40	7.53
COP	Rated Capacity		4.55	3.83	3.60
SCOP			4.30	4.16	4.35
Exterior	Color (General)		Warm Gray	Warm Gray	Warm Gray
	RAL Code (Classic)		RAL 7044	RAL 7044	RAL 7044
Heat Exchanger	Type		Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Type		BLDC Inverter Twin Rotary	BLDC Inverter Twin Rotary	BLDC Inverter Twin Rotary
Compressor	Combination x No.		(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,000 x 1	4,000 x 1	4,000 x 1
	Oil Type		FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
	Oil Charge	cc	1,300	1,300	1,300
	Type		Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
Fan	Motor Output x Number	W x No.	124 x 2	124 x 2	124 x 2
	Air Flow Rate (High)	m ³ /min x No.	110	110	110
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Pipe	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)
Dimensions (W x H x D)	mm x No.		950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Dimensions (W x H x D) - Shipping	mm x No.		(1,140 x 1,549 x 466) x 1	(1,140 x 1,549 x 466) x 1	(1,140 x 1,549 x 466) x 1
Net Weight	kg x No.		96	96	96
Shipping Weight	kg x No.		108	108	108
*Sound Pressure Level	Cooling	dB(A)	50	51	52
	Heating	dB(A)	52	53	54
Sound Power Level	Cooling	dB(A)	72	72	72
	Heating	dB(A)	76	76	77
Communication Cable	mm ² x No. (VCTF-SB)		2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in factory	kg	3.0	3.0	3.0
	t-CO ₂ eq		6.263	6.263	6.263
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60
Number of Maximum Connectable Indoor Units			8	10	13

*: Sound Pressure is not a value declared on Eurovent Program.

Note

1. Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.

- Refer to EUROVENT certification regulation for more detail test conditions.

- Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.

2. Performances are based on the following conditions :

- Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB

- Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB

3. The maximum combination ratio is 160%.

4. Wiring cable size must comply with the applicable local and national codes.

5. Due to our policy of innovation some specifications may be changed without notification.

6. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.

Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.

Therefore, these values can be increased owing to ambient conditions during operation.

7. Power factor could vary less than ±1% according to the operating conditions.

8. This product contains Fluorinated greenhouse gases. (R410A, GWP (Global warming potential) = 2087.5)

ARUN080LSS5 / ARUN100LSS5
ARUN120LSS5



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP			8	10	12
Model Name			ARUN080LSS5	ARUN100LSS5	ARUN120LSS5
Capacity	Cooling (Rated)*	kW	22.4	28.0	33.5
	Heating (Rated)*	kW	22.4	28.0	33.5
	Heating (Max)*	kW	24.5	30.6	36.7
Input	Cooling (Rated)*	kW	7.83	9.69	12.01
	Heating (Rated)*	kW	5.82	6.81	9.05
EER	-	-	2.86	2.89	2.79
SEER	-	-	7.49	6.59	6.83
COP	Rated Capacity	-	3.85	4.11	3.70
SCOP	-	-	4.76	4.42	4.45
Exterior	Color (General)	-	Warm Gray	Warm Gray	Warm Gray
	RAL Code (Classic)	-	RAL 7044	RAL 7044	RAL 7044
Heat Exchanger	Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Compressor	Combination x No.	-	(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,200 x 1	5,300 x 1	5,300 x 1
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
	Oil Charge	cc	1,200	1,200	1,200
	Type	-	Propeller Fan	Propeller Fan	Propeller Fan
Fan	Motor Output x Number	W x No.	124 x 2	250 x 2	250 x 2
	Air Flow Rate (High)	m ³ /min x No.	140	210	210
	Drive	-	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas Pipe	mm (inch)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø28.58 (1-1/8)
Dimensions (W x H x D)	mm x No.	950 x 1,380 x 330	1,090 x 1,625 x 380	1,090 x 1,625 x 380	
Dimensions (W x H x D) - Shipping	mm x No.	(1,140 x 1,549 x 466) x 1	(1,215 x 1,795 x 500) x 1	(1,215 x 1,795 x 500) x 1	
Net Weight	kg x No.	114	139	152	
Shipping Weight	kg x No.	126	154	166	
*Sound Pressure Level	Cooling	dB(A)	57	58	60
	Heating	dB(A)	57	58	60
Sound Power Level	Cooling	dB(A)	73	75	77
	Heating	dB(A)	77	81	82
Communication Cable	mm ² x No. (VCTF-SB)	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	
Refrigerant	Refrigerant Name	-	R410A	R410A	R410A
	Precharged Amount in factory	kg	3.5	4.5	6.0
	t-CO ₂ eq	-	7.306	9.394	12.525
	Control	-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60
Number of Maximum Connectable Indoor Units			13	16	20

*: Sound Pressure is not a value declared on Eurovent Program.
Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
- EUROVENT Test Condition :
 - Performance values on this PDB are based on Ceiling mounted cassette combination.
 - Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
- The maximum combination ratio is 160%.
- This product contains Fluorinated greenhouse gases. (R410A, GWP (Global warming potential) = 2,087.5)

ARUB060GSS4



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP			6
Model Name			ARUB060GSS4
Capacity	Cooling (Rated)	kW	15.5
	Heating (Rated)	kW	18.0
Input	Cooling (Rated)	kW	5.74
	Heating (Rated)	kW	5.14
EER	-	-	2.70
SEER	-	-	5.92
COP	Rated Capacity	-	3.50
SCOP	-	-	3.79
Exterior	Color	-	Warm Gray
	RAL Code (Classic)	-	RAL 7044
Heat Exchanger	Type	-	Wide Louver Plus / Corrugate Plus
	Type	-	Hermetically Sealed Scroll
Compressor	Combination x No.	-	(Inverter) x 1
	Motor Output x Number	W x No.	4,200 x 1
	Oil Type	-	FW68L (PVE)
	Oil Charge	cc	1,700
Fan	Type	-	Axial Flow Fan
	Motor Output x Number	W x No.	124 x 2
	Air Flow Rate (High)	m ³ /min x No.	110
	Drive	-	DC INVERTER
	Discharge	Side / Top	Side
Pipe Connection #1	Liquid Pipe	mm (inch)	Ø9.52 (3/8)
	Low Pressure Gas Pipe	mm (inch)	Ø19.05 (3/4)
	High Pressure Gas Pipe	mm (inch)	Ø15.88 (5/8)
Dimensions (W x H x D)	mm x No.	950 x 1,380 x 330	
Dimensions (W x H x D) - shipping	mm x No.	(1,140 x 1,549 x 466) x 1	
Net Weight	kg x No.	118	
Shipping Weight	kg x No.	132	
*Sound Pressure Level	Cooling	dB(A)	56
	Heating	dB(A)	58
Sound Power Level	Cooling	dB(A)	76
	Heating	dB(A)	78
Communication Cable	mm ² x No. (VCTF-SB)	2C x 1.0 ~ 1.5	
Refrigerant	Refrigerant Name	-	R410A
	Precharged Amount in factory	kg	3.5
	t-CO ₂ eq	-	7.306
	Control	-	Electronic Expansion Valve
Power Supply	V, Ø, Hz		220-240, 1, 50
			220, 1, 60
Number of Maximum Connectable Indoor Units			13

*: Sound Pressure is not a value declared on Eurovent Program.
Note

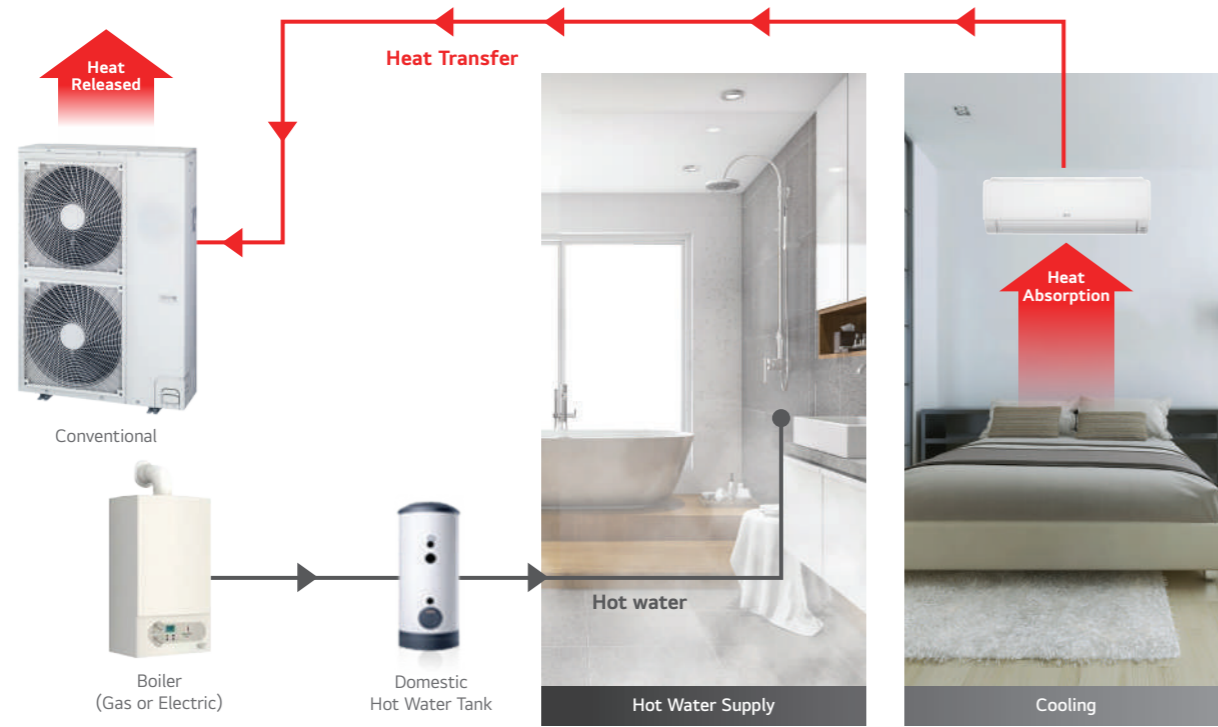
- Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.
 - Refer to EUROVENT certification regulation for more detail test conditions.
 - Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.
- Performances are based on the following conditions :
 - Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
 - Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB
- The maximum combination ratio is 160%.
- Wiring cable size must comply with the applicable local and national codes.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard. Therefore, these values can be increased owing to ambient conditions during operation.
- Power factor could vary less than ±1% according to the operating conditions.
- This product contains Fluorinated greenhouse gases. (R410A, GWP (Global warming potential) = 2087.5)

Energy Savings

Energy consumption can be reduced as indoor heat is absorbed and transferred to hot water supply.

Conventional

Absorbed heat is released to outdoor air.



Energy Savings

Energy consumption can be reduced as indoor heat is absorbed and transferred to hot water supply.

MULTI V S Heat Recovery with HYDRO KIT

Absorbed heat from indoor space is used for making hot water.



MULTI V™ S R32

- Air cooled VRF Heat pump
- 9.0 ~ 15.5kW (based on cooling capacity)
- Both 1Ø, 220 ~ 240V, 50Hz and 3Ø, 380 ~ 415V, 50Hz
- Side discharge outdoor unit



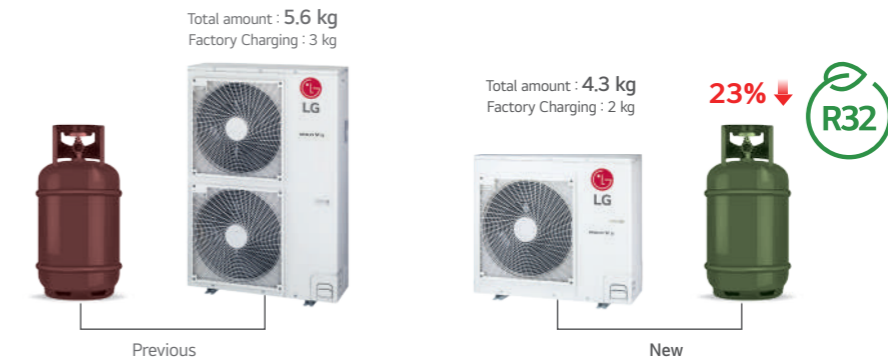
Compact Size & Light Weight

Its compact size and light weight make it easy to install and optimize space. (5/6HP)



Less Refrigerant Charge

LG reduces refrigerant charge by applying environment-conscious refrigerant R32.

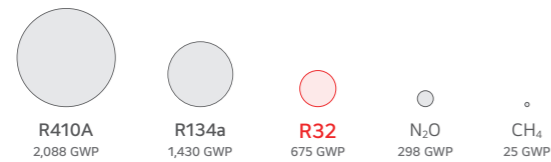


※ IDU (Wall Mounted Unit) : 5 kbtu/h, 8 EA
 ※ This result can be different depending on actual environment

Lower Global Warming Potential (GWP)

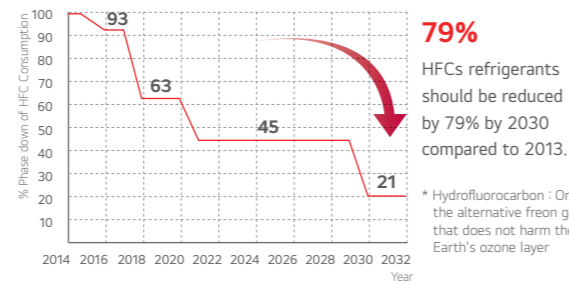
What is GWP?

Global Warming Potential is a measure that allows for an accurate comparison of the environmental impact of different gases. GWP measures how much energy the emissions of 1 ton of a gas will absorb over a given period of time, relative to the emissions of 1 ton of carbon dioxide (CO₂).



Global Trend and EU Regulation for F-Gas

HFC* Phase Down 79% by 2030.



79%
 HFCs refrigerants should be reduced by 79% by 2030 compared to 2013.

* Hydrofluorocarbon : One of the alternative freon gas that does not harm the Earth's ozone layer

Cost Savings with R32

Higher Efficiency

Savings on cost of energy consumption.



Reduced Equipment Sizes

Savings on product purchase and labor cost for installation and maintenance.



Less Refrigerant Charge

Savings on cost of injecting & replacing refrigerant.



Reduced Refrigerant Volume

Savings on refrigerant purchase and recycling costs.



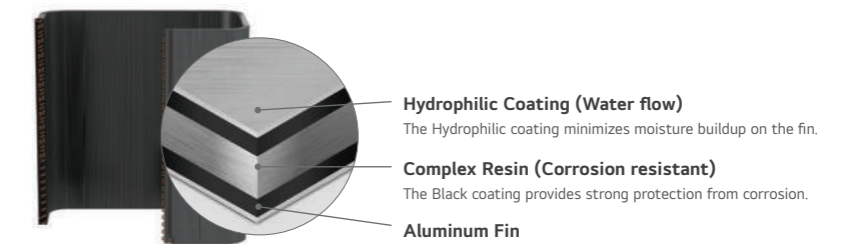
Corrosion Resistant Black Fin

Enhanced Coating Layers

The black coating with enhanced epoxy resin is applied for strong protection from various corrosive external conditions such as salt contamination and air pollution. Moreover, the hydrophilic film keeps water from accumulating on the heat exchanger's fin, minimizing moisture buildup and making it even more corrosion resistant.

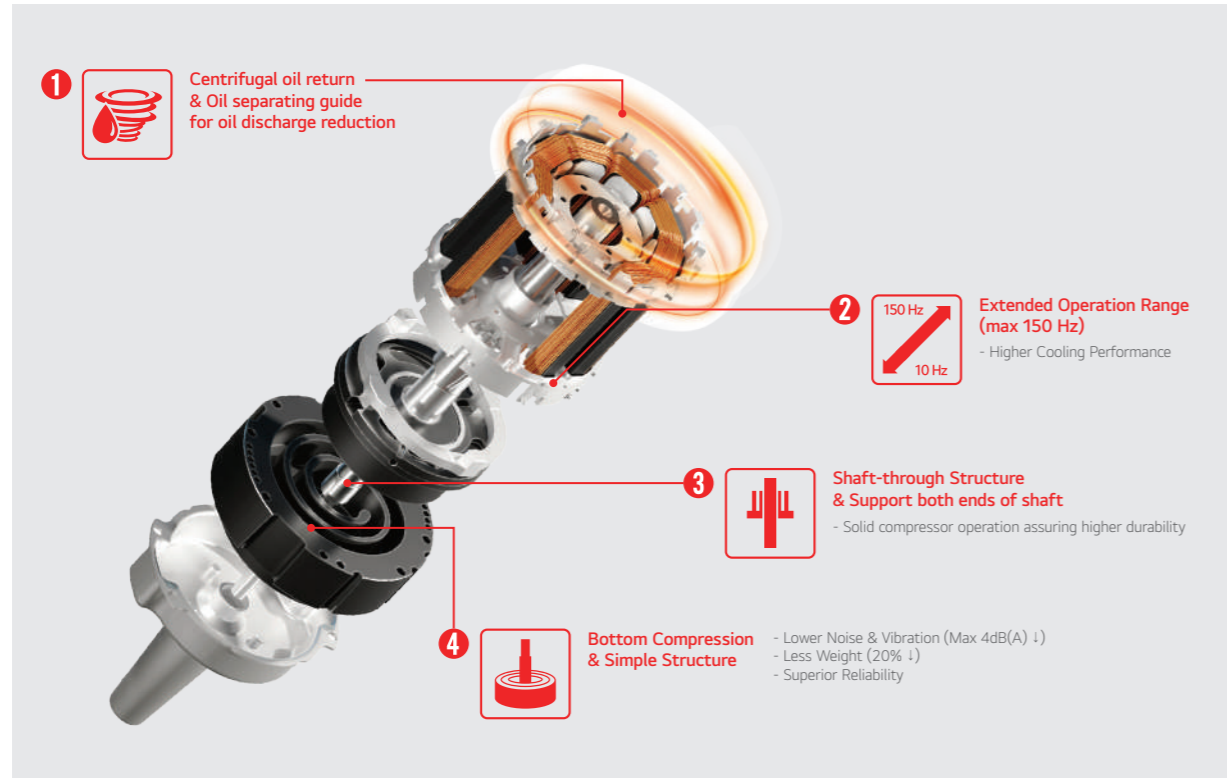


※ Verification of corrosion resistance performance
 - Test Method B of ISO 21207
 - ASTM B117 / ISO 9227 (10,000 hours)



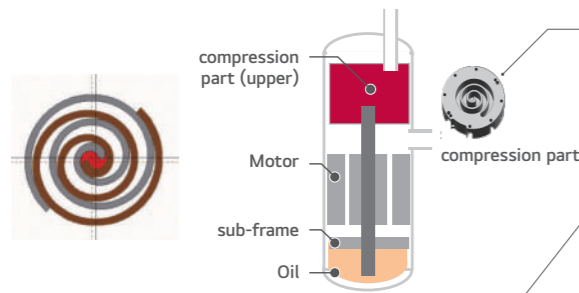
R1 Compressor™

R1 Compressor combines the high-efficiency, low sound characteristics of the scroll and the simple compressing structure of the rotary compressor. This technology enables a highly efficient and compact model.

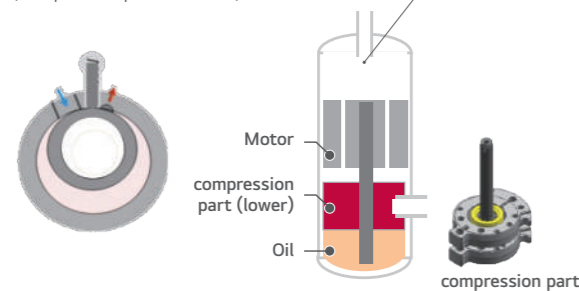


Conventional Compressor

Scroll : High efficiency / Low sound
(Continuous compression, but complex structure)

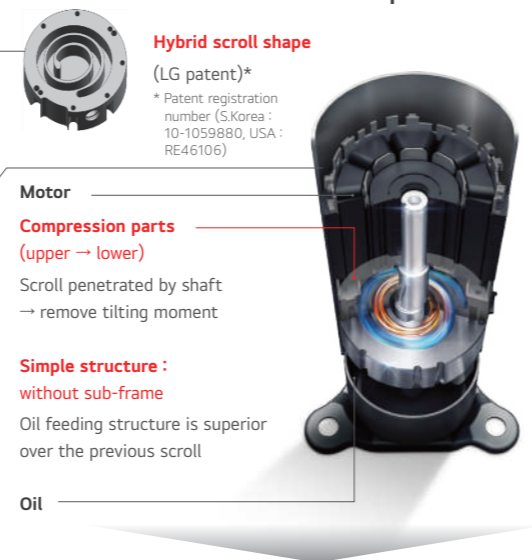


Rotary : Simple structure
(Compression per 1 rotation)



R1 Compressor™

Revolutionary Scroll : High efficiency / Stable & Simple Structure

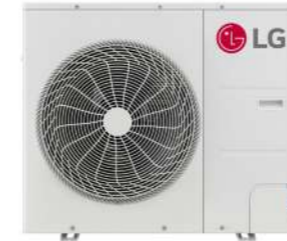


Extended operation (Max 150 Hz)
Low noise & Vibration (Max 4dB(A) ↓)
Less weight (20% ↓)

Compact model
(Size 40% ↓, Weight 25% ↓)



ZRUN030GSS0 / ZRUN040GSS0 ZRUN050GSS0 / ZRUN060GSS0



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP			3	4	5	6
Model Name	-		ZRUN030GSS0	ZRUN040GSS0	ZRUN050GSS0	ZRUN060GSS0
Capacity	Cooling (Rated)	kW	9.0	12.1	14.0	15.5
	Heating (Rated)	kW	9.0	12.1	14.0	15.5
	Heating (Max)	kW	10.0	14.2	16.0	18.0
Input	Cooling (Rated)	kW	2.81	4.26	4.90	5.64
	Heating (Rated)	kW	2.09	3.03	3.48	3.95
EER (Rated)	-		3.20	2.84	2.86	2.75
SEER	-		5.70	6.69	6.44	6.59
COP (Rated)	-		4.30	4.00	4.02	3.92
SCOP	-		3.80	3.87	3.81	4.07
Exterior	Color	-	Warm Gray	Warm Gray	Warm Gray	Warm Gray
	RAL Code	-	RAL 7044	RAL 7044	RAL 7044	RAL 7044
Heat Exchanger	Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
	Type	-	LG Inverter Scroll	LG Inverter Scroll	LG Inverter Scroll	LG Inverter Scroll
Compressor	Combination x No.	-	(Inverter) x 1	(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	3,198 x 1	3,198 x 1	3,198 x 1	3,198 x 1
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
	Oil Charge	cc	1,100	1,100	1,100	1,100
	Type	-	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
Fan	Motor Output x Number	W x No.	124 x 1	124 x 1	198 x 1	198 x 1
	Air Flow Rate (High)	m ³ /min x No.	60	60	80	80
	Drive	-	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Pipe	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)
Dimensions (W x H x D)	mm x No.	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330	
Dimensions (W x H x D) - Shipping	mm x No.	1,147 x 919 x 461	1,147 x 919 x 461	1,147 x 919 x 461	1,147 x 919 x 461	
Net Weight	kg x No.	64.7	64.7	71.6	71.6	
Shipping Weight	kg x No.	73.7	73.7	79.6	79.6	
*Sound Pressure Level	Cooling	dB(A)	51	51	57	57
	Heating	dB(A)	55	55	60	60
Sound Power Level	Cooling	dB(A)	67	67	70	71
	Heating	dB(A)	70	71	74	75
Communication Cable	mm ² x No. (VCTF-SB)		2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5
Refrigerant	Refrigerant name	-	R32	R32	R32	R32
	Precharged Amount	kg	1.5	1.5	2.0	2.0
	t-CO ₂ eq	-	1.013	1.013	1.350	1.350
	Control	-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	V, Ø, Hz		220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
Number of maximum connectable indoor units			6	8	10	13

* Sound Pressure is not a value declared on Eurovent Program.

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard. Therefore, these values can be increased owing to ambient conditions during operation.

4. Performances are based on the following conditions :

- Cooling : Indoor Ambient Temp 27°CDB / 19°CWB, Outdoor Ambient Temp 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp 20°CDB / 15°CWB, Outdoor Ambient Temp 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- EUROVENT Test Condition :
 - Performance values on the this PDB are based on Ceiling mounted cassette combination.
 - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
- The maximum combination ratio is 160%.
- This product contains Fluorinated greenhouse gases. (R32, GWP (Global warming potential) = 675)

ZRUN030LSS0 / ZRUN040LSS0
ZRUN050LSS0 / ZRUN060LSS0



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP			3	4	5	6
Model Name			ZRUN030LSS0	ZRUN040LSS0	ZRUN050LSS0	ZRUN060LSS0
Capacity	Cooling (Rated)	kW	9.0	12.1	14.0	15.5
	Heating (Rated)	kW	9.0	12.1	14.0	15.5
	Heating (Max)	kW	10.0	14.2	16.0	18.0
Input	Cooling (Rated)	kW	2.81	4.26	4.90	5.64
	Heating (Rated)	kW	2.09	3.03	3.48	3.95
EER (Rated)	-	-	3.20	2.84	2.86	2.75
SEER	-	-	5.70	6.69	6.44	6.59
COP (Rated)	-	-	4.30	4.00	4.02	3.92
SCOP	-	-	3.80	3.87	3.81	4.07
Exterior	Color	-	Warm Gray	Warm Gray	Warm Gray	Warm Gray
	RAL Code	-	RAL 7044	RAL 7044	RAL 7044	RAL 7044
Heat Exchanger	Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
Compressor	Type	-	LG Inverter Scroll	LG Inverter Scroll	LG Inverter Scroll	LG Inverter Scroll
	Combination x No.	-	(Inverter) x 1	(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	3,198 x 1	3,198 x 1	3,198 x 1	3,198 x 1
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
	Oil Charge	cc	1,100	1,100	1,100	1,100
Fan	Type	-	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
	Motor Output x Number	W x No.	124 x 1	124 x 1	198 x 1	198 x 1
	Air Flow Rate (High)	m ³ /min x No.	60	60	80	80
	Drive	-	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Pipe	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)
Dimensions (W x H x D)	mm x No.	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330	
Dimensions (W x H x D) - Shipping	mm x No.	1,147 x 919 x 461	1,147 x 919 x 461	1,147 x 919 x 461	1,147 x 919 x 461	
Net Weight	kg x No.	64.7	64.7	71.6	71.6	
Shipping Weight	kg x No.	73.7	73.7	79.6	79.6	
*Sound Pressure Level	Cooling	dB(A)	51	51	57	57
	Heating	dB(A)	55	55	60	60
Sound Power Level	Cooling	dB(A)	67	67	70	71
	Heating	dB(A)	70	71	74	75
Communication Cable	mm ² x No. (VCTF-SB)	-	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5
Refrigerant	Refrigerant name	-	R32	R32	R32	R32
	Precharged Amount	kg	1.5	1.5	2.0	2.0
	t-CO ₂ eq	-	1.013	1.013	1.350	1.350
	Control	-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	V, Ø, Hz	-	380-400-415, 3, 50	380-400-415, 3, 50	380-400-415, 3, 50	380-400-415, 3, 50
Number of maximum connectable indoor units	-	-	6	8	10	13

*: Sound Pressure is not a value declared on Eurovent Program.

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard. Therefore, these values can be increased owing to ambient conditions during operation.

4. Performances are based on the following conditions :

- Cooling : Indoor Ambient Temp 27°CDB / 19°CWB, Outdoor Ambient Temp 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp 20°CDB / 15°CWB, Outdoor Ambient Temp 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- EUROVENT Test Condition :
- Performance values on the this PDB are based on Ceiling mounted cassette combination.
- Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
- The maximum combination ratio is 160%.
- This product contains Fluorinated greenhouse gases. (R32, GWP (Global warming potential) = 675)

ZRUN080LSS0 / ZRUN100LSS0
ZRUN120LSS0



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

HP			8	10	12
Model Name			ZRUN080LSS0	ZRUN100LSS0	ZRUN120LSS0
Capacity	Cooling (Rated)	kW	22.4	28	33.5
	Heating (Rated)	kW	22.4	28	33.5
	Heating (Max)	kW	24.5	30.6	36.7
Input	Cooling (Rated)	kW	7.46	9.33	11.63
	Heating (Rated)	kW	5.81	6.81	8.76
EER (Rated)	-	-	3.00	3.00	2.88
SEER	-	-	7.54	7.13	7.07
COP (Rated)	-	-	3.85	4.11	3.82
SCOP	-	-	4.76	4.70	4.45
Exterior	Color	-	Warm Gray	Warm Gray	Warm Gray
	RAL Code	-	RAL 7044	RAL 7044	RAL 7044
Heat Exchanger	Type	-	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus	Wide Louver Plus / Corrugate Plus
Compressor	Type	-	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Combination x No.	-	(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,200 x 1	5,300 x 1	5,300 x 1
	Oil Type	-	FW68L(PVE)	FW68L(PVE)	FW68L(PVE)
	Oil Charge	cc	1,200	1,200	1,200
Fan	Type	-	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W x No.	124 x 2	250 x 2	250 x 2
	Air Flow Rate (High)	m ³ /min x No.	140	210	210
	Drive	-	DC Inverter	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas Pipe	mm (inch)	Ø19.05 (3/4)	Ø22.22 (7/8)	Ø28.58 (1-1/8)
Dimensions (W x H x D)	mm x No.	950 x 1,380 x 330	1,090 x 1,625 x 380	1,090 x 1,625 x 380	
Dimensions (W x H x D) - Shipping	mm x No.	1,140 x 1,549 x 466	1,215 x 1,795 x 500	1,215 x 1,795 x 500	
Net Weight	kg x No.	113.7	138.4	150.7	
Shipping Weight	kg x No.	125.7	153.4	164.7	
*Sound Pressure Level	Cooling	dB(A)	57	58	60
	Heating	dB(A)	57	58	60
Sound Power Level	Cooling	dB(A)	73	75	77
	Heating	dB(A)	77	81	82
Communication Cable	mm ² x No. (VCTF-SB)	-	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5
Refrigerant	Refrigerant name	-	R32	R32	R32
	Precharged Amount	kg	3.2	3.9	4.7
	t-CO ₂ eq	-	2.160	2.633	3.173
	Control	-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	V, Ø, Hz	-	380-400-415, 3, 50	380-400-415, 3, 50	380-400-415, 3, 50
Number of maximum connectable indoor units	-	-	13	16	20

*: Sound Pressure is not a value declared on Eurovent Program.

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard. Therefore, these values can be increased owing to ambient conditions during operation.

4. Performances are based on the following conditions :

- Cooling : Indoor Ambient Temp 27°CDB / 19°CWB, Outdoor Ambient Temp 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp 20°CDB / 15°CWB, Outdoor Ambient Temp 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- EUROVENT Test Condition :
- Performance values on the this PDB are based on Ceiling mounted cassette combination.
- Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
- The maximum combination ratio is 160%.
- This product contains Fluorinated greenhouse gases. (R32, GWP (Global warming potential) = 675)