



2026

AIR CONDITIONER

LG HVAC SOLUTION

Life's Good.



2026 | AIR CONDITIONER



LG Electronics

<http://www.lg.com>
<http://partner.lge.com>

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MINI CEILING MOUNTED CASSETTE



Compact Size

Slim & Compact Design

Slim & compact design not only saves space but also reduces installation cost. It's designed to suit most of building designs and fit into space.
 ※ Product images may differ from the actual product.



Dimension	
W x H x D (mm)	570 x 214 x 570
Body Weight (kg)	12.4

Dimension	
W x H x D (mm)	570 x 256 x 570
Body Weight (kg)	13.9

Easier Installation via Light & Slimmer (Compact Cassette for Grid Ceiling)

- Light & very slim can make installation possible even in small ceilings.
- Designed to enough fit to a 600 x 600 mm ceiling grid.

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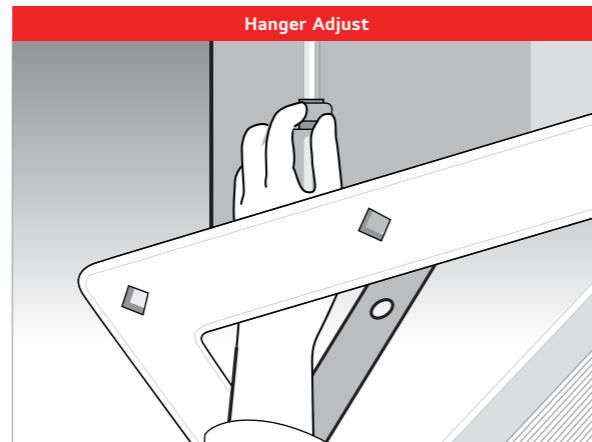
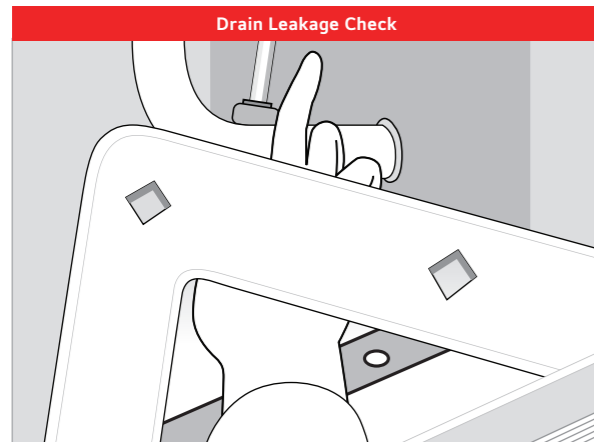
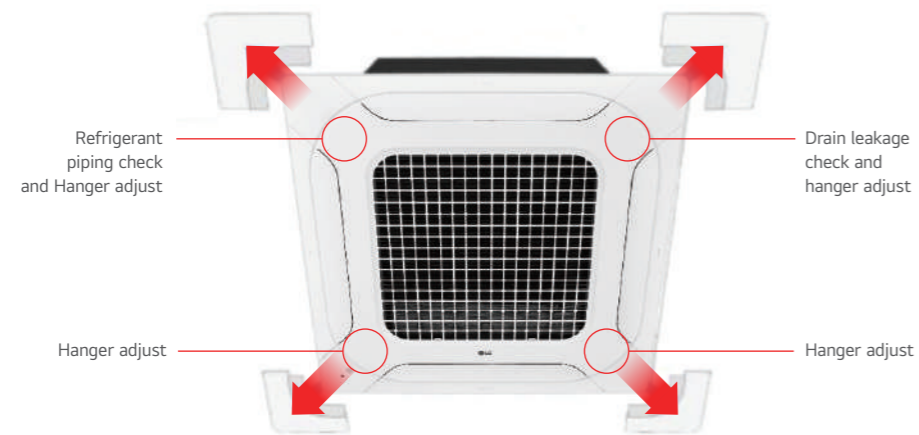
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
 ※ Specifications may vary by each model or IDU / ODU combination.

Easy Panel installation

The detachable corner design makes it easy to check leakage and adjust hanger, And it is easy to install the panel to the body.

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Detachable Corner Design



One Push Panel



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Top Efficiency

Among the lightweight and slim CST products, World's class High efficiency.

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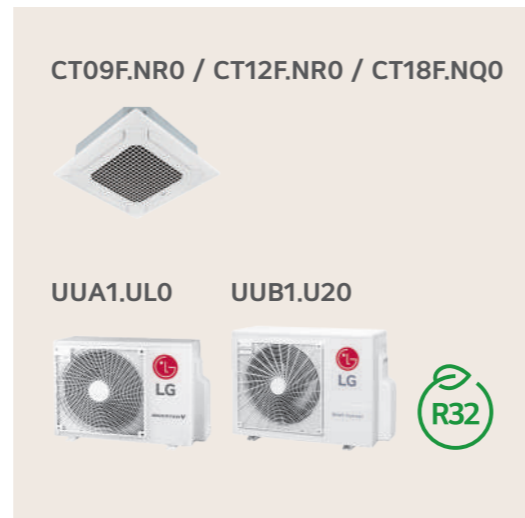


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STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

- Maximize space utilization with compact size (Solution for small businesses and shops)
- **Optional plasma ion of ionizer deactivates and removes bacteria & viruses in the room and keeps the air clean.**
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- Optional ThinQ (Wi-Fi), access your air conditioner anytime and from anywhere (Can control air conditioners using Android or iOS-enabled smartphones and voice commands)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.



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

COMBINATION				9	12	18
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.5 / 3.2	1.5 / 3.4 / 4.5	2.0 / 5.0 / 5.8
	Heating	Min. / Rated / Max.	kW	1.8 / 3.2 / 3.7	1.8 / 4.1 / 5.0	2.3 / 5.7 / 6.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.61 / 0.87	0.30 / 0.98 / 1.62	0.30 / 1.57 / 2.20
	Heating	Min. / Rated / Max.	kW	0.30 / 0.75 / 0.89	0.30 / 1.11 / 1.57	0.30 / 1.52 / 2.13
Running Current	Cooling / Heating	Rated	A	2.7 / 3.3	4.4 / 4.9	8.0 / 7.8
EER / COP			kWh/kWh	4.10 / 4.30	3.50 / 3.71	3.19 / 3.74
SEER / SCOP			kWh/kWh	6.7 / 4.0	6.7 / 4.0	6.4 / 4.3
Pdesign	Cooling @ 35°C		kW	2.5	3.4	5
	Heating @ -10°C		kW	2.8	2.8	4.1
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	131 / 980	178 / 980	273 / 1,335
Dehumidification Rate			l/h	0.63	1.26	1.89
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				CT09F.NR0	CT12F.NR0	CT18F.NQ0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	26 / 22 / 19	28 / 24 / 20	30 / 26 / 22
Air Flow Rate		H / M / L	m³/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13 / 12 / 11
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570
	Weight	Body	kg	12.4	12.4	13.9
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 33 / 30	38 / 35 / 32	41 / 39 / 37
Sound Power Level	Cooling	Max.	dB(A)	52	52	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Model Name			-	PT-QAGW0	PT-QAGW0	PT-QAGW0
Recommended Color			-	White	White	White
Decoration Panel**	Dimensions	Body	mm	620 x 34 x 620	620 x 34 x 620	620 x 34 x 620
	Weight	Body	kg	3.0	3.0	3.0
OUTDOOR				UUA1.ULO	UUB1.U20	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	
	Weight	Net	kg	33.3	44.5	
Compressor	Type		-	Twin Rotary	Twin Rotary	
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675	1.2 / 0.81	
	Chargeless		m	10	10	
	Additional Charge		g/m	20	20	
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 30	
Piping Elevation	IDU - ODU	Max.	m	30	30	

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

** : Decoration panel can be selected as an optional accessory.

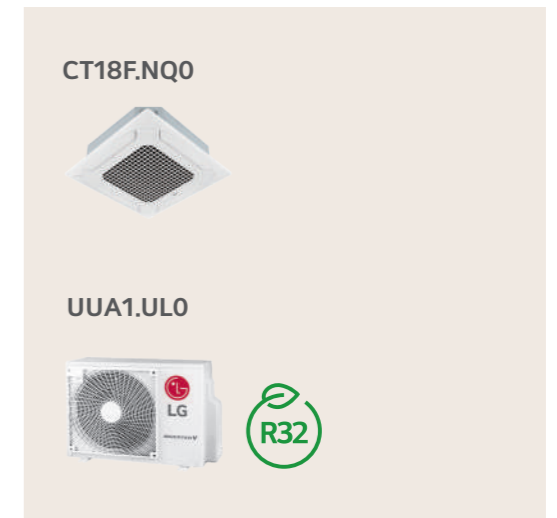
Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
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COMPACT INVERTER (R32)

Maximize Space Utilization with Compact Size

- CT18F**
- Solution for small businesses and shops (Only CT18F NQ0)
 - **Optional plasma ion of ionizer deactivates and removes bacteria & viruses in the room and keeps the air clean.** (Only CT18F NQ0)
 - Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
 - Optional ThinQ (Wi-Fi), access your air conditioner anytime and from anywhere (Can control air conditioners using Android or iOS-enabled smartphones and voice commands)
 - Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.



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COMBINATION				18
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.34 / 1.76 / 2.11
	Heating	Min. / Rated / Max.	kW	0.30 / 1.45 / 1.87
Running Current	Cooling / Heating	Rated	A	7.8 / 6.4
EER / COP			kWh/kWh	2.85 / 3.60
SEER / SCOP			kWh/kWh	6.3 / 3.9
Pdesign	Cooling @ 35°C		kW	5
	Heating @ -10°C		kW	2.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	278 / 1,005
Dehumidification Rate			l/h	1.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)
	Connections Method		-	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50
	Heating	Min. / Max.	°C	-10 / 18
INDOOR				CT18F.NQ0
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	30 / 26 / 22
Air Flow Rate		H / M / L	m³/min	13 / 12 / 11
Dimensions	Body	W x H x D	mm	570 x 256 x 570
	Weight	Body	kg	13.9
Sound Pressure Level*	Cooling	H / M / L	dB(A)	41 / 39 / 37
Sound Power Level	Cooling	Max.	dB(A)	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0
Model Name			-	PT-QAGW0
Recommended Color			-	White
Decoration Panel**	Dimensions	Body	mm	620 x 34 x 620
	Weight	Body	kg	3.0
OUTDOOR				UUA1.ULO
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Circuit Breaker		Min.	A	15
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288
	Weight	Net	kg	33.3
Compressor	Type		-	Twin Rotary
	Type / GWP (Global Warming Potential)		-	R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675
	Chargeless		m	10
	Additional Charge		g/m	20
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1
Total Piping Length		Min. / Max.	m	5 / 30
Piping Elevation	IDU - ODU	Max.	m	30

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

** : Decoration panel can be selected as an optional accessory.

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 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
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CEILING MOUNTED CASSETTE



4 Way Air Flow with New DUAL Vane Design

Innovative dual vane designs with the best airflow for various spaces.



New Types of Wind Solutions


Indirect Wind





Direct Wind





6 Air Flow Modes


- 

Power Mode
Fast and Quick
- 

Up / Down Swing
Fresh and Natural
- 

Smart Mode
Auto Vane Control
- 

Indirect Wind
Indirect cooling & Heating
- 

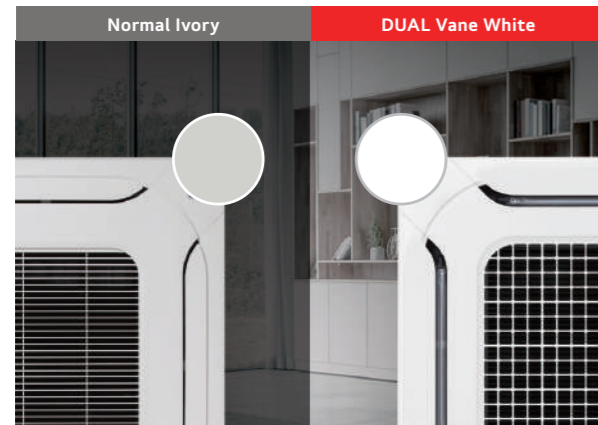
Direct Wind
Suitable for High Ceiling
- 

Refresh Mode
Provide High Concentration

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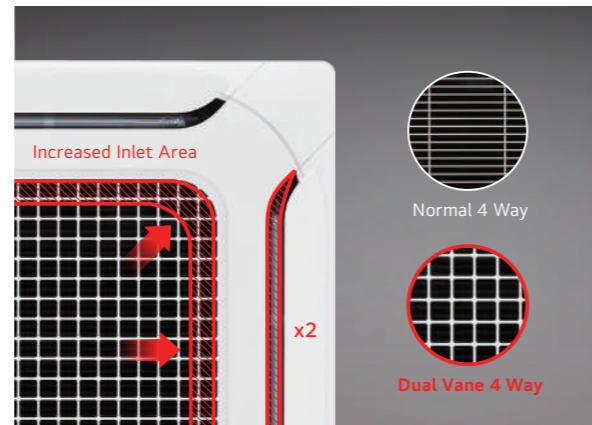
Brighter Color

Color enhancement allows cassette to blend into most interior ceiling spaces.



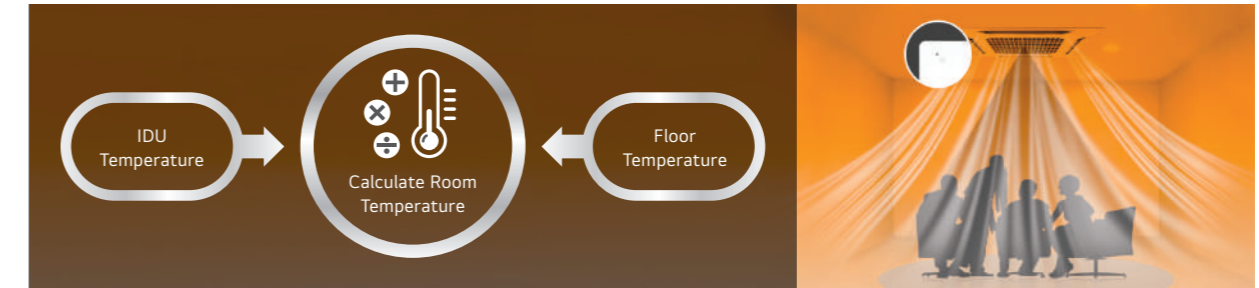
Wide Design

Bigger inlet and outlet make faster cooling / heating airflow.



Sensor Reads Temperature from Ceiling to Floor for Heating

An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.



※ Available only for products with a floor temperature sensor.

Human Detecting Direct / Indirect Airflow

Human sensing function locates users to provide an adapted airflow.

Comfort Indirect

Prevent an airflow from heading to a user by sensing.



Follow User Direct

Direct an airflow to a user by sensing.



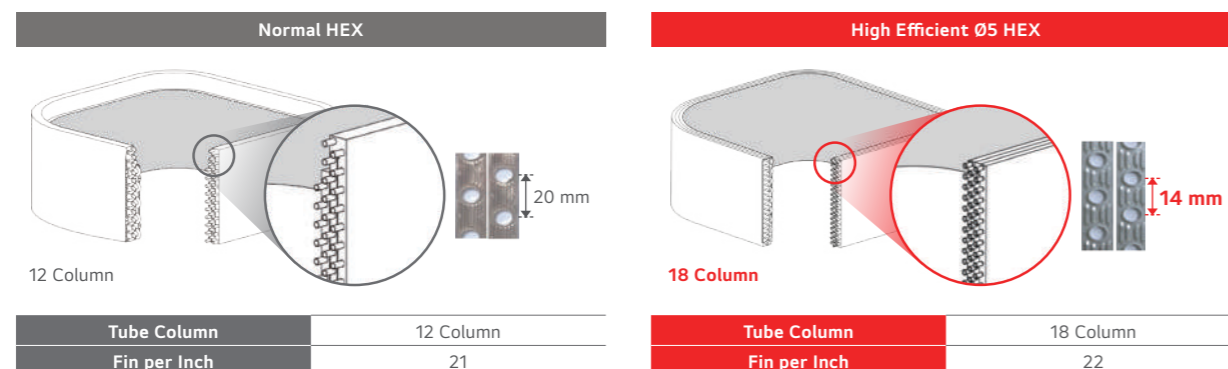
Full 3D Turbo Fan

Full 3D Turbo fan decreases air resistance, creating high efficiency and reducing the noise level.



High Efficiency Heat Exchanger (HEX)

A highly integrated heat exchanger serves to increase cooling and heating efficiency.

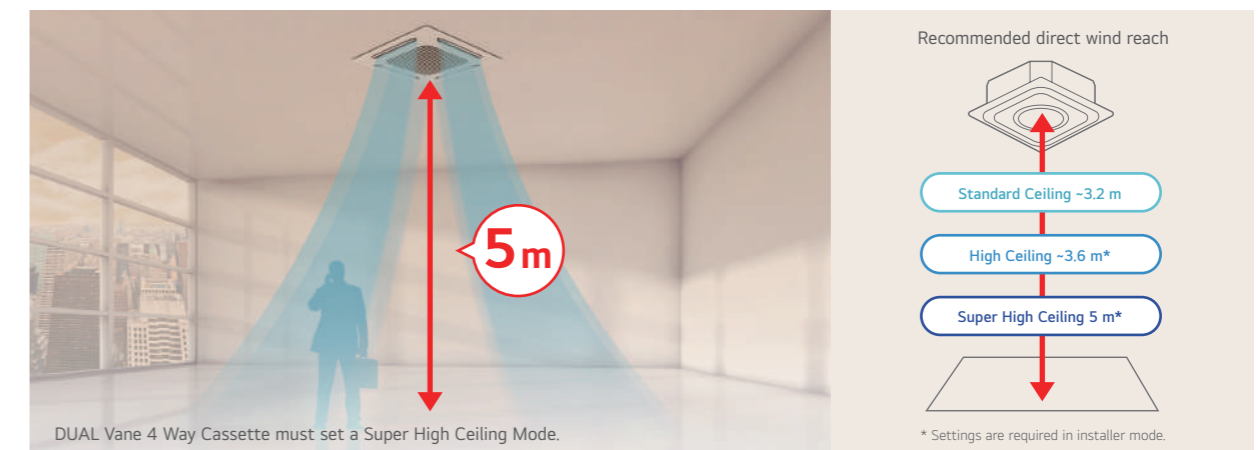


※ This specification can be different as per each model.

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Direct Wind

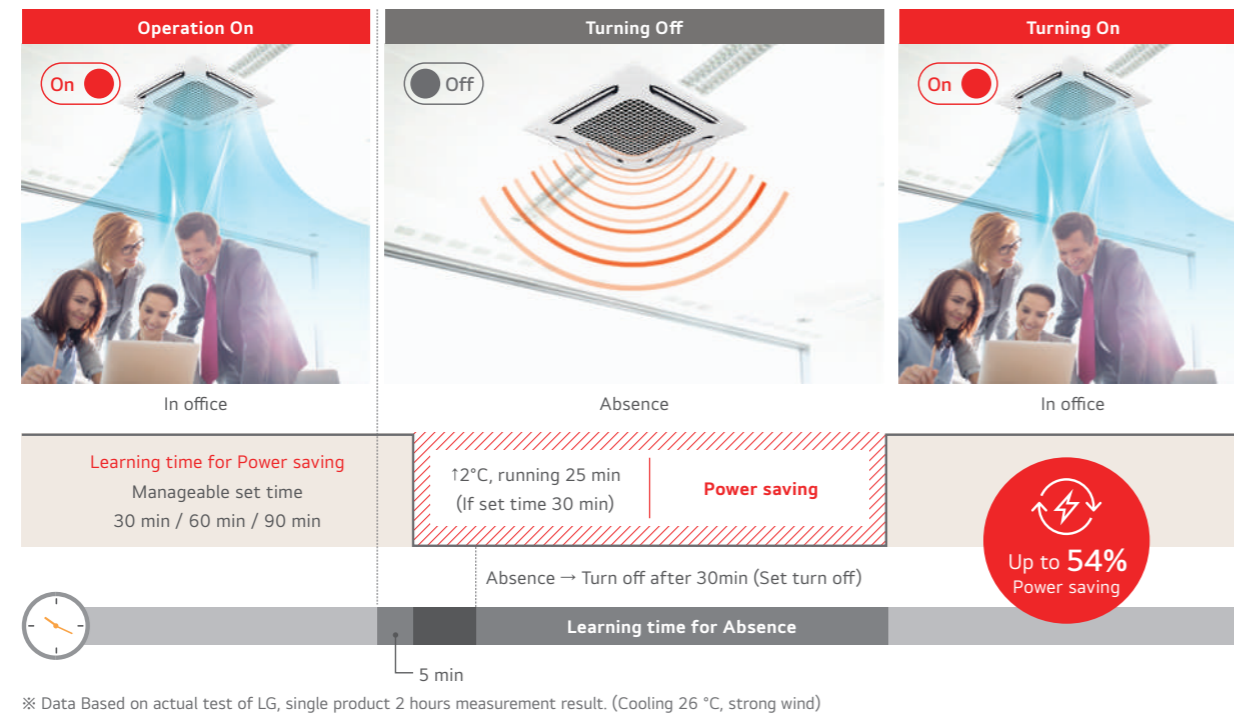
The wind can reach up to 5 m with plenty of air volume. (@ 0.5 ms)



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Human Detecting On / Off Learning Operation System

An indoor unit senses people to switch On / Off for up to 54% power saving.

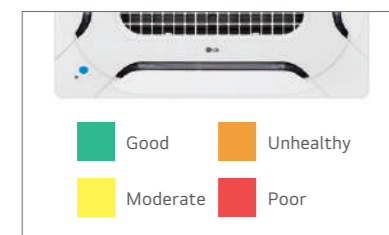


Various Display of Air Purification

Installed Wi-Fi leads unlimited boundary to control IDU and display Air Purification status.

Smart Indicator

Shows the quality of indoor air in real time



Remote Controller

Displays Air status and Fine Dust Concentration



Mobile

Whenever & Wherever Check and Control Air status



Pairing ThinQ

Possible to connect an indoor unit with ThinQ anywhere, anytime.

- Monitoring Air Status : Easy to check indoor air status
 - Microfine dust / Ultra fine dust / Fine dust
 - Day / Week / Month / Yearly
- Mobile Remote Control : Remote control by using mobile phone
 - Control Mode / Temperature / Air flow etc.
- Display Power Consumption : Check power consumption of A/C
 - Check energy display
 - Set target energy consumption level

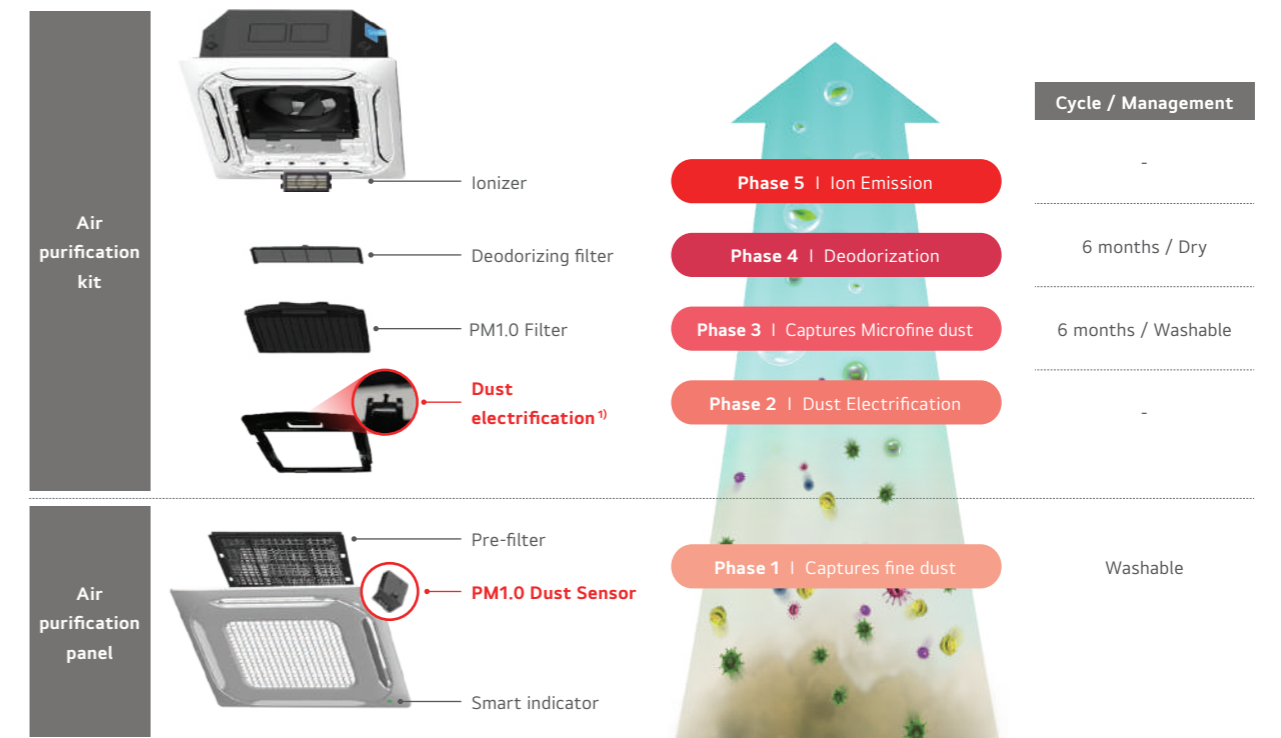
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Convenient and Powerful Air Purification

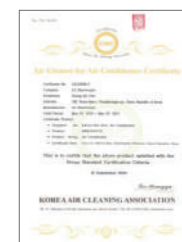
An easy to manage air purifying system with a one-touch air cleaning filter.



1) Electrical diffusion makes dust electrification.

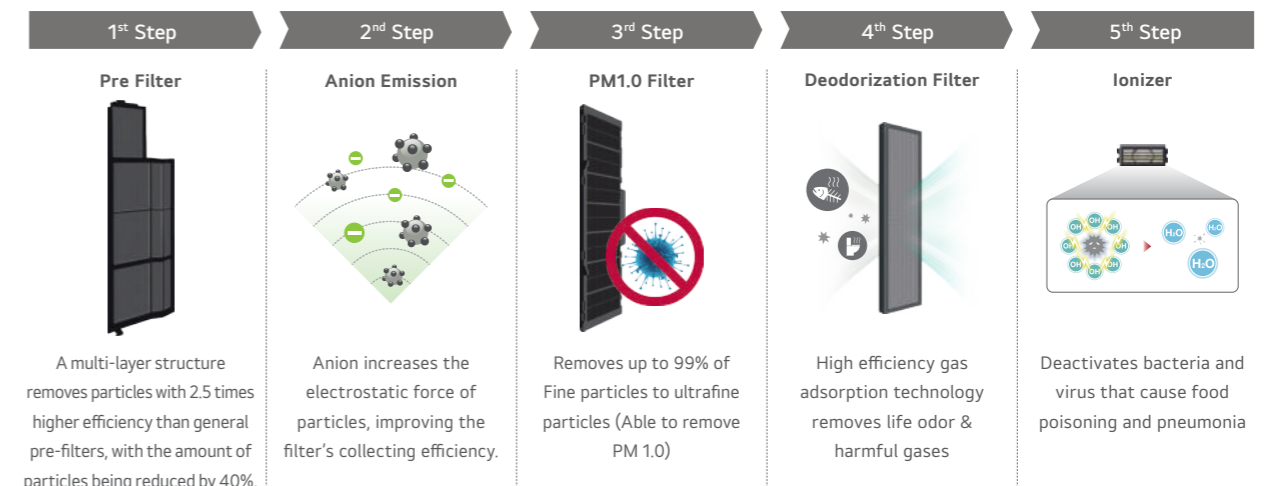
CAC certification?

The Korea Air Cleaning Association strictly tests the air cleaning function of air conditioner products and provides certification to the product that gives credibility to consumers.



Air Purification Technology

5-Steps air cleaning process removes invisible, ultra fine dust, odor and germs to ensure a clean and healthy living environment



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STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

- Optional human detecting sensor (Presence sensor) provides an adapted airflow (Direct or indirect airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional air purification kit, ensuring a health and hygienic environment. (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and ionizer)
- DUAL Vane, optimized control two separate vanes provides longer stream wind, faster cooling / heating and Indirect airflow, etc
- Optional elevation grill with air purification (Automatic lifting panel and air purification), provides customers with clean air as well as maintenance convenience.
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.



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COMBINATION				24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.7 / 6.8 / 8.0	3.2 / 8.0 / 9.2
	Heating	Min. / Rated / Max.	kW	3.0 / 7.5 / 9.0	3.6 / 8.9 / 10.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 1.93 / 2.66	0.50 / 2.45 / 3.14
	Heating	Min. / Rated / Max.	kW	0.40 / 1.96 / 2.84	0.50 / 2.62 / 3.25
Running Current	Cooling / Heating	Rated	A	8.6 / 8.7	10.9 / 11.6
EER / COP			kWh/kWh	3.52 / 3.83	3.27 / 3.40
SEER / SCOP			kWh/kWh	7.4 / 4.3	7.1 / 4.3
Pdesign	Cooling @ 35°C		kW	6.8	8
	Heating @ -10°C		kW	5.6	5.6
Seasonal Space Energy Efficiency			% / %	-	-
Seasonal Energy Label	Cooling / Heating			A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	322 / 1,823	394 / 1,823
Dehumidification Rate			l/h	2.8	2.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method			Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				CT24F.NB0	UT30F.NB0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	36 / 26 / 21	40 / 33 / 26
Air Flow Rate		H / M / L	m³/min	18 / 15.5 / 14	19 / 17 / 15.5
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 204 x 840
Weight	Body		kg	21.1	21.1
Sound Pressure Level*	Cooling	H / M / L	dB(A)	38 / 36 / 34	40 / 37 / 35
Sound Power Level	Cooling	Max.	dB(A)	53	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name			PT-AAGWO	PT-AAGWO
	Color			White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1
OUTDOOR				UUC1.U40	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	25	
Power Supply Cable (Included Earth)			No x mm²	3C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 834 x 330	
Weight	Net		kg	57.7	
Compressor	Type			Twin Rotary	
	Type / GWP (Global Warming Potential)			R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.9 / 1.283	
	Chargeless		m	20	
	Additional Charge		g/m	55	
Fan	Air Flow Rate	Rated	m³/min x No.	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	

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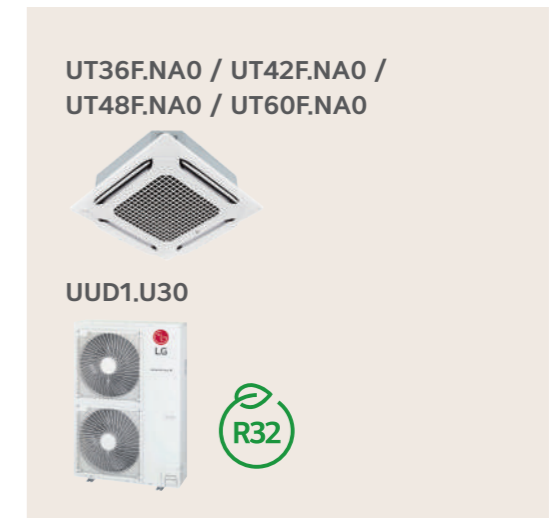
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- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**



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

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.8 / 16.9 / 18.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.44	0.70 / 3.31 / 4.30	0.90 / 4.25 / 5.53	1.00 / 5.21 / 5.84
	Heating	Min. / Rated / Max.	kW	0.50 / 2.43 / 3.30	0.70 / 3.51 / 4.56	0.90 / 4.37 / 5.33	1.00 / 5.12 / 5.89
Running Current	Cooling / Heating	Rated	A	10.1 / 10.7	14.6 / 15.0	18.7 / 19.0	23.1 / 22.7
EER / COP			kWh/kWh	4.20 / 4.45	3.66 / 3.85	3.15 / 3.55	2.80 / 3.30
SEER / SCOP			kWh/kWh	7.0 / 4.3	7.0 / 4.3	6.5 / 4.2	6.2 / 4.2
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	277.0 / 169.0	257.0 / 165.0	245.0 / 165.0
Seasonal Energy Label	Cooling / Heating			A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	475 / 3,093	1,037 / 3,093	1,237 / 3,167	1,413 / 3,167
Dehumidification Rate			l/h	2.4	4.5	5.7	6.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method			Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				UT36F.NAO	UT42F.NAO	UT48F.NAO	UT60F.NAO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	60 / 50 / 45	60 / 50 / 45	80 / 60 / 50	80 / 60 / 50
Air Flow Rate		H / M / L	m³/min	27.5 / 25 / 22.5	27.5 / 25 / 22.5	30 / 27.5 / 25	30 / 27.5 / 25
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	25.3	25.3	25.3	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	46 / 44 / 42	46 / 44 / 42
Sound Power Level	Cooling	Max.	dB(A)	61	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name			PT-AAGWO	PT-AAGWO	PT-AAGWO	PT-AAGWO
	Color			White	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1	7.1
OUTDOOR				UUD1.U30			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm²	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85.0			
Compressor	Type			Inverter Scroll			
	Type / GWP (Global Warming Potential)			R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	50			
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

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

** : Decoration panel can be selected as an optional accessory.

Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

- Optional human detecting sensor (Presence sensor) provides an adapted airflow (Direct or indirect airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional air purification kit, ensuring a health and hygienic environment (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and ionizer)
- DUAL Vane, optimized control two separate vanes provides longer stream wind, faster cooling / heating and indirect airflow, etc
- Optional elevation grill with air purification (Automatic lifting panel and air purification), provides customers with clean air as well as maintenance convenience.
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**



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

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.8 / 16.9 / 18.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.44	0.70 / 3.31 / 4.30	0.90 / 4.25 / 5.53	1.00 / 5.21 / 5.84
	Heating	Min. / Rated / Max.	kW	0.50 / 2.43 / 3.30	0.70 / 3.51 / 4.56	0.90 / 4.37 / 5.33	1.00 / 5.12 / 5.89
Running Current	Cooling / Heating	Rated	A	3.8 / 3.9	5.2 / 5.4	6.6 / 6.7	8.1 / 7.9
EER / COP			kWh/kWh	4.20 / 4.45	3.66 / 3.85	3.15 / 3.55	2.80 / 3.30
SEER / SCOP			kWh/kWh	7.0 / 4.3	7.0 / 4.3	6.5 / 4.2	6.2 / 4.2
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	277.0 / 169.0	257.0 / 165.0	245.0 / 165.0
Seasonal Energy Label	Cooling / Heating			A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	475 / 3,093	1,037 / 3,093	1,237 / 3,167	1,413 / 3,167
Dehumidification Rate			l/h	2.4	4.5	5.7	6.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method			Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18

INDOOR				UT36F.NAO	UT42F.NAO	UT48F.NAO	UT60F.NAO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	60 / 50 / 45	60 / 50 / 45	80 / 60 / 50	80 / 60 / 50
Air Flow Rate		H / M / L	m³/min	27.5 / 25 / 22.5	27.5 / 25 / 22.5	30 / 27.5 / 25	30 / 27.5 / 25
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Weight		kg	25.3	25.3	25.3	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	46 / 44 / 42	46 / 44 / 42
Sound Power Level	Cooling	Max.	dB(A)	61	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name			PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color			White	White	White	White
Dimensions	Body		mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1	7.1

OUTDOOR				UUD3.U30			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm²	5C x 2.5			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
	Weight		kg	85.0			
Compressor	Type			Inverter Scroll			
	Type / GWP (Global Warming Potential)			R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	50			
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

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

** : Decoration panel can be selected as an optional accessory.

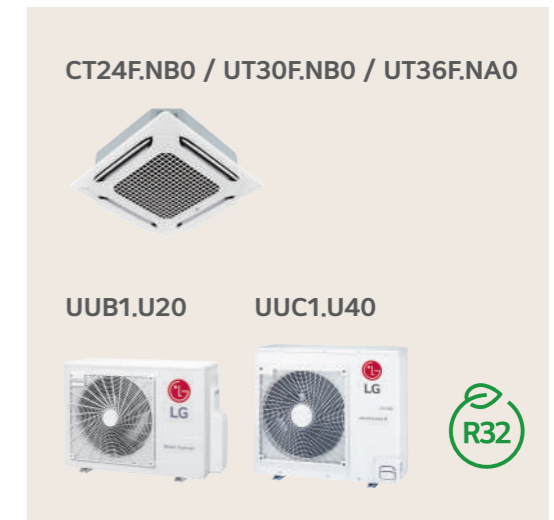
Note :

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- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
 - ※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
 - ※ Specifications may vary by each model or IDU / ODU combination.

COMPACT INVERTER (R32)

Maximize Space Utilization with Compact Size

- Optional human detecting sensor (Presence sensor) provides an adapted airflow (Direct or indirect airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional air purification kit, ensuring a health and hygienic environment. (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and ionizer)
- DUAL Vane, optimized control two separate vanes provides longer stream wind, faster cooling / heating and Indirect airflow, etc
- Optional elevation grill with air purification (Automatic lifting panel and air purification), provides customers with clean air as well as maintenance convenience.



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COMBINATION				24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.8
	Heating	Min. / Rated / Max.	kW	3.0 / 7.5 / 8.6	3.2 / 7.9 / 8.7	4.3 / 10.8 / 11.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 2.00 / 2.40	0.50 / 2.31 / 2.77	0.60 / 2.79 / 3.57
	Heating	Min. / Rated / Max.	kW	0.40 / 2.21 / 2.87	0.50 / 2.37 / 3.08	0.60 / 2.77 / 3.30
Running Current	Cooling / Heating	Rated	A	8.8 / 9.6	10.1 / 10.4	12.4 / 12.3
EER / COP			kWh/kWh	3.40 / 3.39	3.25 / 3.34	3.40 / 3.90
SEER / SCOP			kWh/kWh	7.0 / 4.2	6.8 / 4.2	6.7 / 4.3
Pdesign	Cooling @ 35°C		kW	6.8	7.5	9.5
	Heating @ -10°C		kW	4.1	4.1	5.6
Seasonal Space Energy Efficiency			% / %	-	-	-
Seasonal Energy Label	Cooling / Heating			A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	340 / 1,367	386 / 1,367	496 / 1,823
Dehumidification Rate			l/h	2.6	3.1	2.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	48 / 53	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	65	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method			Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 48	-10 / 48	-20 / 50
	Heating	Min. / Max.	°C	-15 / 18	-15 / 18	-15 / 18

INDOOR				CT24F.NB0	UT30F.NB0	UT36F.NAO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	36 / 26 / 21	40 / 33 / 26	60 / 50 / 45
Air Flow Rate		H / M / L	m³/min	18 / 15.5 / 14	19 / 17 / 15.5	27.5 / 25 / 22.5
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840
	Weight		kg	21.1	21.1	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	38 / 36 / 34	40 / 37 / 35	44 / 42 / 41
Sound Power Level	Cooling	Max.	dB(A)	53	57	61
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name			PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color			White	White	White
Dimensions	Body		mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1

OUTDOOR				UUB1.U20		UUC1.U40	
Power Supply			Ø / V / Hz	1 / 220-240 / 50		1 / 220-240 / 50	
Circuit Breaker		Min.	A	20		25	
Power Supply Cable (Included Earth)			No x mm²	3C x 2.5		3C x 2.5	
Dimensions	Net	W x H x D	mm	870 x 650 x 330		950 x 834 x 330	
	Weight		kg	44.5		57.7	
Compressor	Type			Twin Rotary		Twin Rotary	
	Type / GWP (Global Warming Potential)			R32 / 675		R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.2 / 0.81		1.9 / 1.283	
	Chargeless		m	10		20	
	Additional Charge		g/m	40		55	
Fan	Air Flow Rate	Rated	m³/min x No.	50 x 1		58 x 1	
Total Piping Length		Min. / Max.	m	5 / 35		5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30		30	

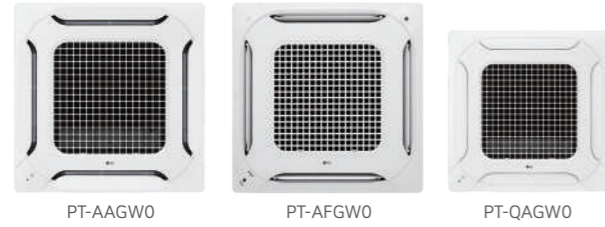
* : Sound Pressure is not a value declared on Eurovent Program.

** : Decoration panel can be selected as an optional accessory.

Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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Cassette Panel



Model Name

PT-AAGW0
PT-AFGW0
PT-QAGW0 (Mini 4 Way)

Key Features

Model	Dual Vane	Wi-Fi	Floor Temperature Sensor	Air Purification	Human Detection Sensor	Dust Sensor	Tact Switch
PT-AAGW0	0	Optional	Optional	X	Optional	X	X
PT-AFGW0	0	Optional	Optional	Optional	Optional	0	0
PT-QAGW0	X	Optional	X	X	X	X	X

Specification

Model	Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)		
					W	H	D
PT-AAGW0	Grid	White (RAL 9003)	-	7.1	950	35	950
PT-AFGW0	Grid	White (RAL 9003)	-	7.5	950	35	950
PT-QAGW0	Grid	White (RAL 9003)	-	3.0	620	34	620

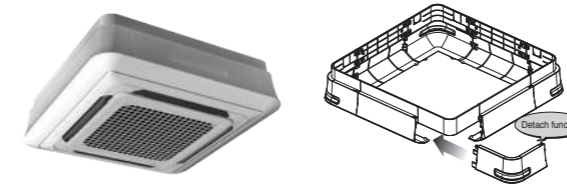
Air Purification Kit

Model	Type	Image	Model Name	Dielectric Dust Collecting Filter	Photocatalytic Deodorizing Filter	HVPS	Ionizer
Air Purification Kit	4 Way		PTAHMPO	0	0	0	0

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Cassette Cover

Cover in case of exposed cassette installation.



Model Name

PTDCA

Applied Products

4 Way Cassette (for chassis TP-B, TM-A)

Key Features

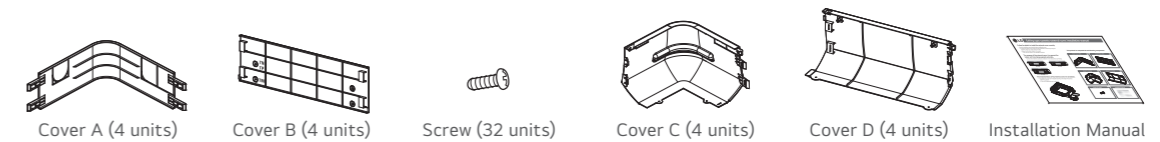
- Specially designed for indoor unit
- Gives elegant looks
- Covers the side area of cassette
- Light weight

Specification

Model	Front Panel	Weight (kg)		Dimensions (mm)		
		NET	Gross	W	H	D
PTDCA	TP-B	6.1	9.5	1,157	266	1,157
	TM-A	6.1	9.5	1,157	308	1,157

Included Parts

- Cover A, Cover B
- Cover C, Cover D
- Screws
- Installation Manual



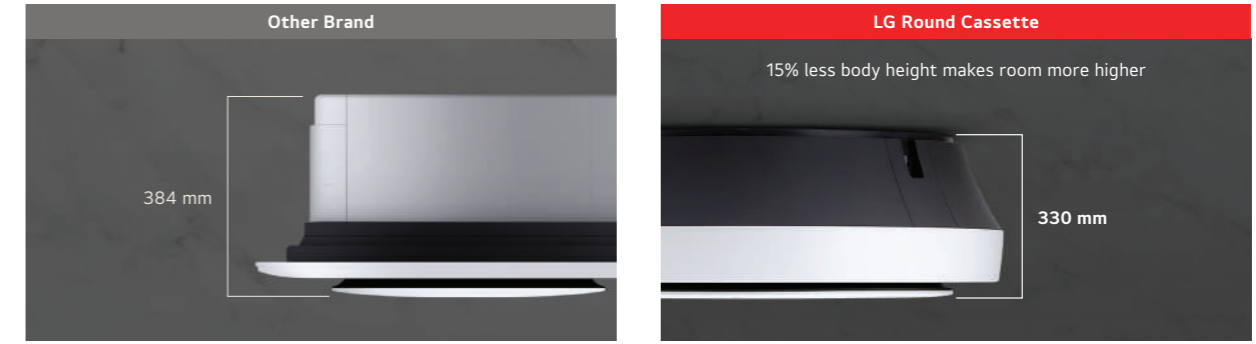
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

ROUND CASSETTE



Slim and Compact Design

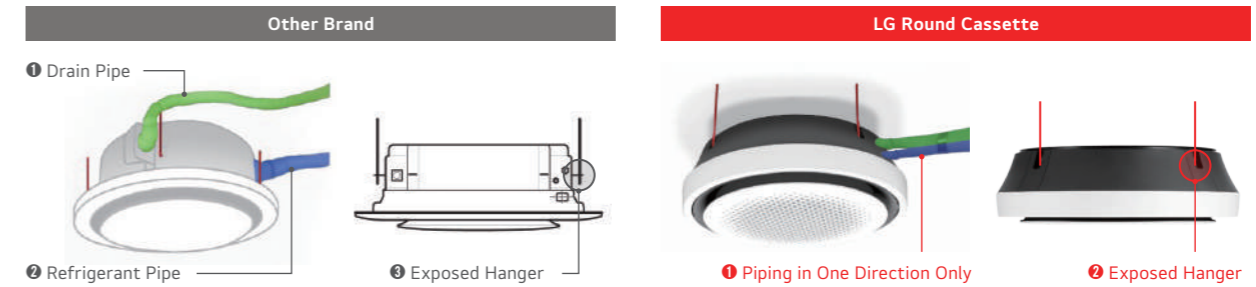
The LG Round Cassette's compact design makes the interior look more spacious and secure.



※ Product : 11 / 13.4 kW

Minimal Exposure Design

LG Round Cassette hides clunky parts into a smooth surface to provide harmony and aesthetic to the living area.

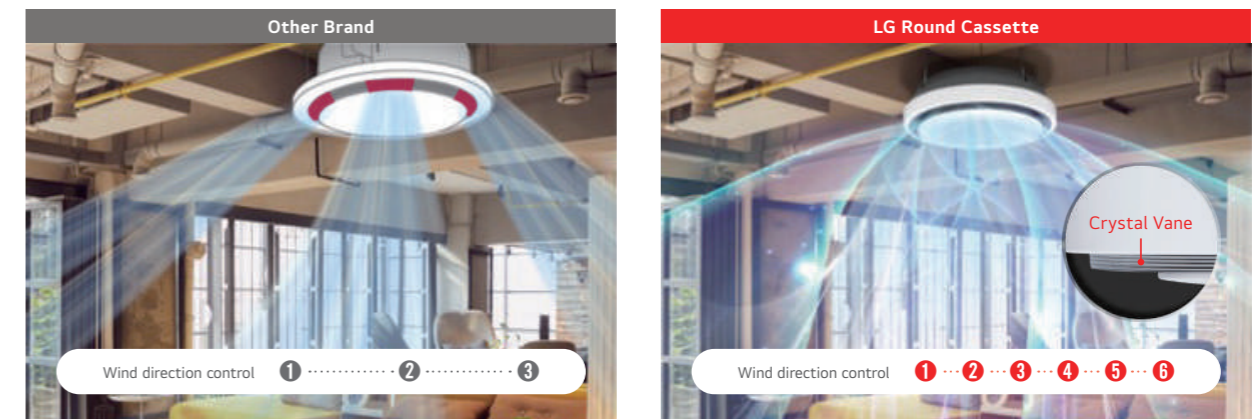


This air conditioning impresses with a sophisticated design and application concept that combines modern technology with a user-friendly operating comfort.

※ Red Dot Design Award : World's three major international design competitions, German Design Association (2019)
PIN UP Design Award : Korea Industrial Designers Association (Ministry of Trade, Industry and Energy) (2018)

6-Step Vane Control

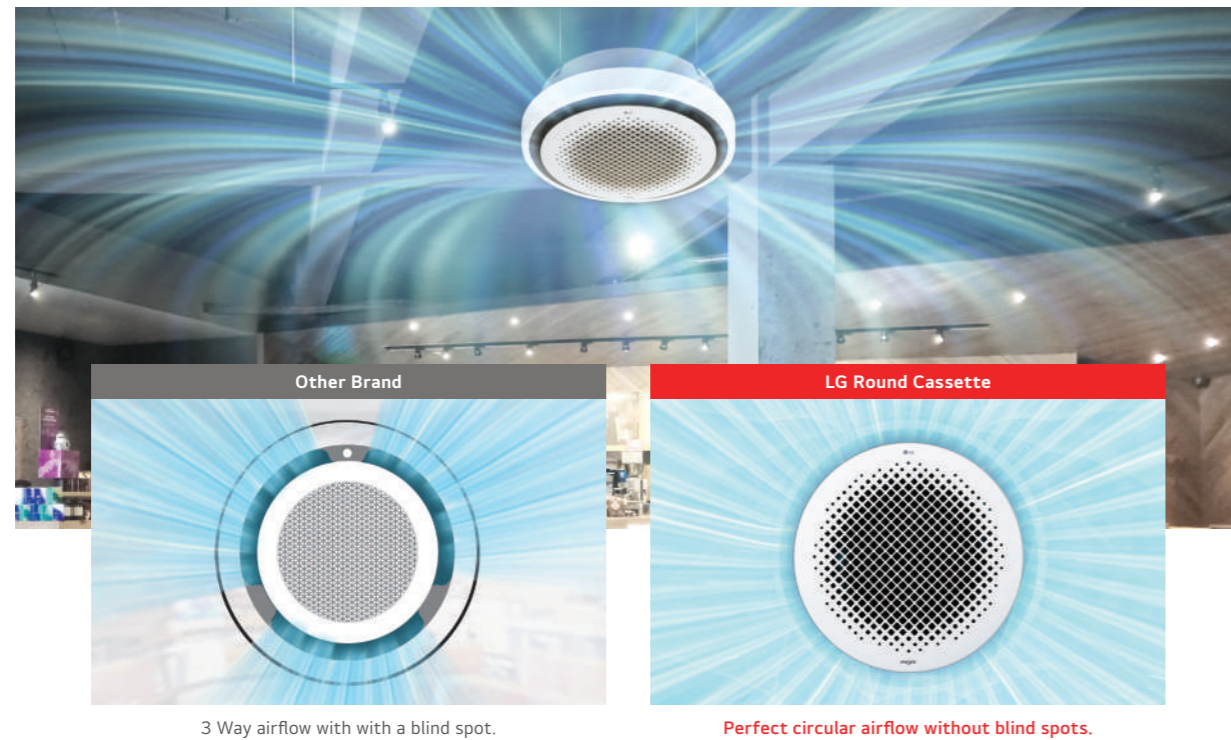
Crystal vane allows for 6-step precision control for cool and warm airflow in every direction.



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※ Specifications may vary by each model or IDU / ODU combination.

Perfect Round Airflow

Perfect round airflow without blind spots with a possibility to control the four vanes individually.



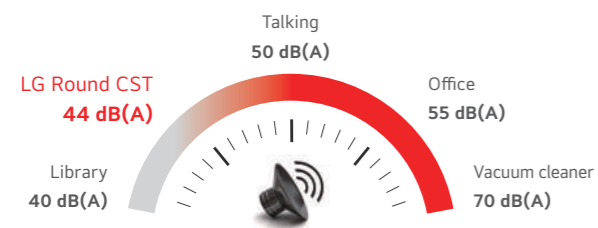
Quiet Operation

LG Round cassette makes the space quieter.

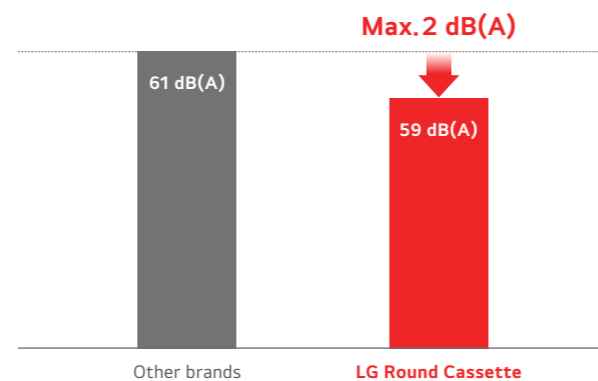
Sound Pressure



Normal communication Noise level 50 dB(A)
Library Noise level 40 dB(A)



Sound Power



Sound power levels (cooling)_dB(A)

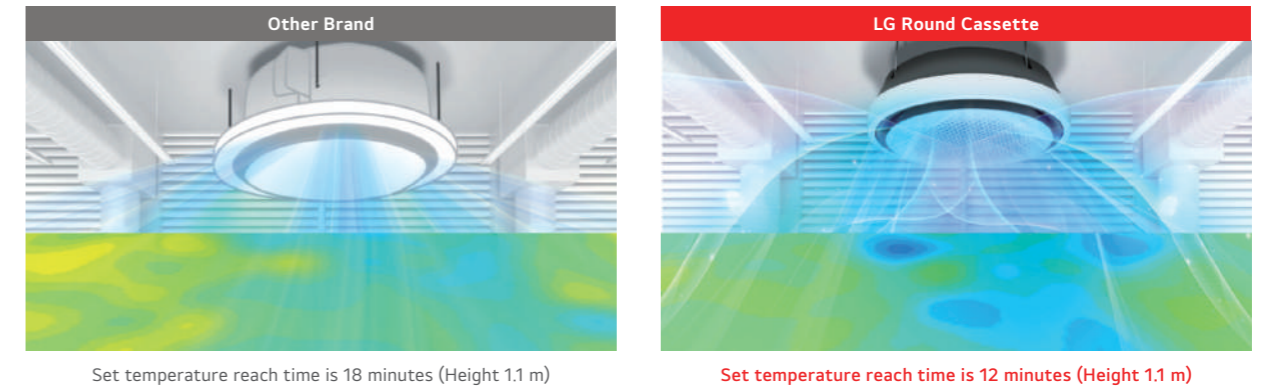
Other Brands	LG Round Cassette
61	Max. 59

※ The value is based on the Sound pressure Level(Cooling), 11.0kW model

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Faster in Cooling

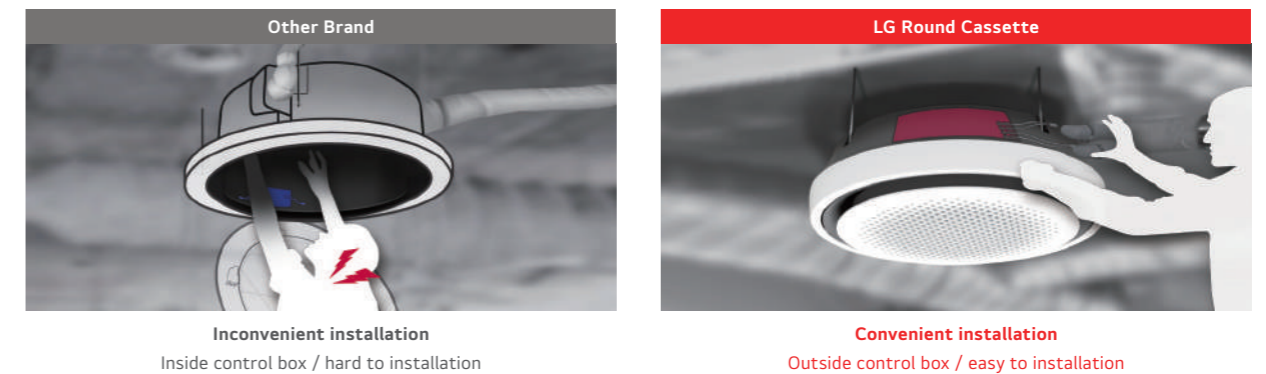
Larger airflow rate with the cooling rate being 30% faster than the competition.



※ Based on test results from LG chamber, this image is designed to help customers understand.
Experimental environment : height 3.2 m, cooling mode, high flow rate, horizontal air flow direction, initial temperature -33°C, setting temperature 26°C

Outside Control Box

The control box is located on the side for comfortable wiring and installation.



Embedded Humidity Sensor

Humidity sensor is included as standard, so comfort cooling function is possible without separate wired remote controller.

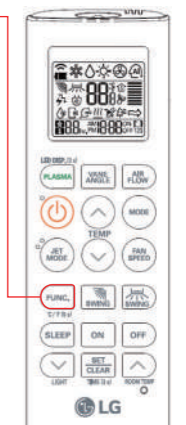


Simple Setting

- Press the 'Function' button repeatedly until 'comfort cooling icon' displayed



- Press the 'Set' button



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STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

- Perfect circular airflow without blind spots.
- Compact and minimal exposure design makes the interior look more spacious, harmony and aesthetic.
- Optional air purification kit, ensuring a health and hygienic environment (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and ionizer)
- 6-step vane control, crystal vane allows for 6-step precision control for cool and warm airflow in every direction.
- **Humidity sensor is included** as standard, so comfort cooling function is possible without separate wired remote controller.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**



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

COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling / Heating	Rated	A	10.10 / 10.70	19.50 / 20.20
EER / COP			kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP			kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	Cooling @ 35°C		kW	11.0	13.4
	Heating @ -10°C		kW	9.0	9.0
Seasonal Space Energy Efficiency			% / %	-	257.0 / 169.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -
Annual Energy Consumption	Cooling / Heating		kWh	566 / 2,930	1,237 / 2,930
Dehumidification Rate			l/h	4.27	5.65
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	Rated	dB(A)	66 / -	69 / 69
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				UT36F.NYO	UT48F.NYO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate		H / M / L	m³/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0
OUTDOOR				UUD1.U30	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	40	
Power Supply Cable (included Earth)			No. x mm²	3C x 6.0	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	LG Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	50	
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU-ODU	Max.	m	30	

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Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling / Heating	Rated	A	5.20 / 5.30	7.00 / 7.30
EER / COP			kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP			kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	Cooling @ 35°C		kW	11.0	13.4
	Heating @ -10°C		kW	9.0	9.0
Seasonal Space Energy Efficiency			% / %	-	257.0 / 169.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -
Annual Energy Consumption	Cooling / Heating		kWh	566 / 2,931	1,237 / 2,931
Dehumidification Rate			l/h	4.27	5.65
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	Rated	dB(A)	66 / -	69 / 69
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				UT36F.NYO	UT48F.NYO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate		H / M / L	m³/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0
OUTDOOR				UUD3.U30	
Power Supply			Ø / V / Hz	3 / 380-415 / 50	
Circuit Breaker		Min.	A	20	
Power Supply Cable (included Earth)			No. x mm²	5C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	LG Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	50	
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU-ODU	Max.	m	30	

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

Note :

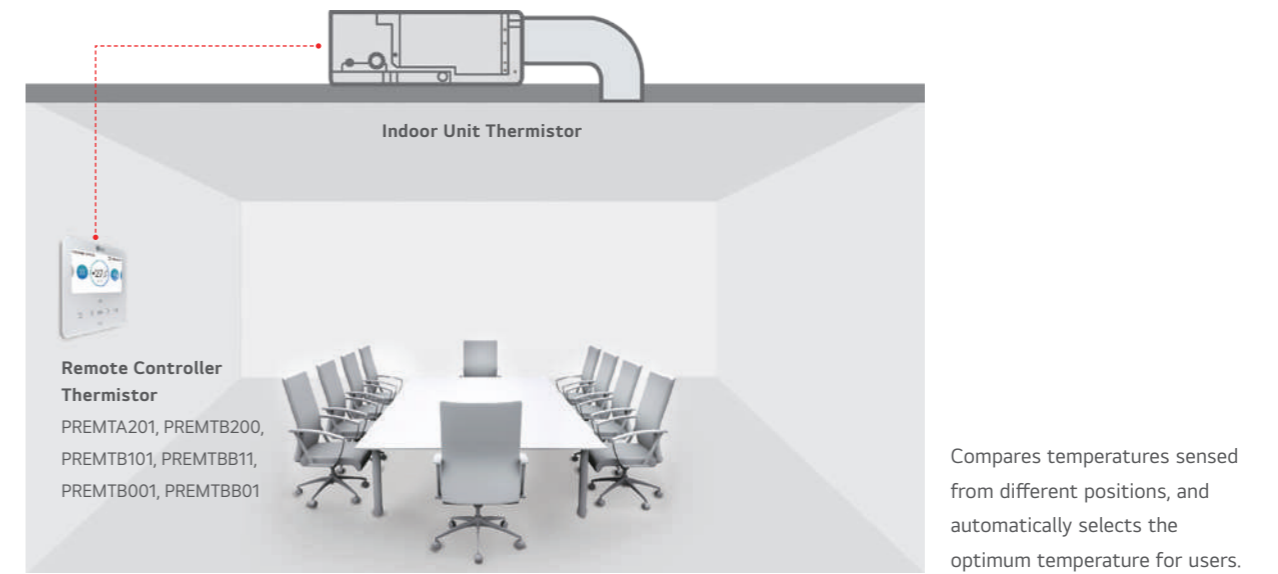
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CEILING CONCEALED DUCT



Two Thermistors Control

The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Two thermistors can optimize indoor air temperature for a more comfortable environment.

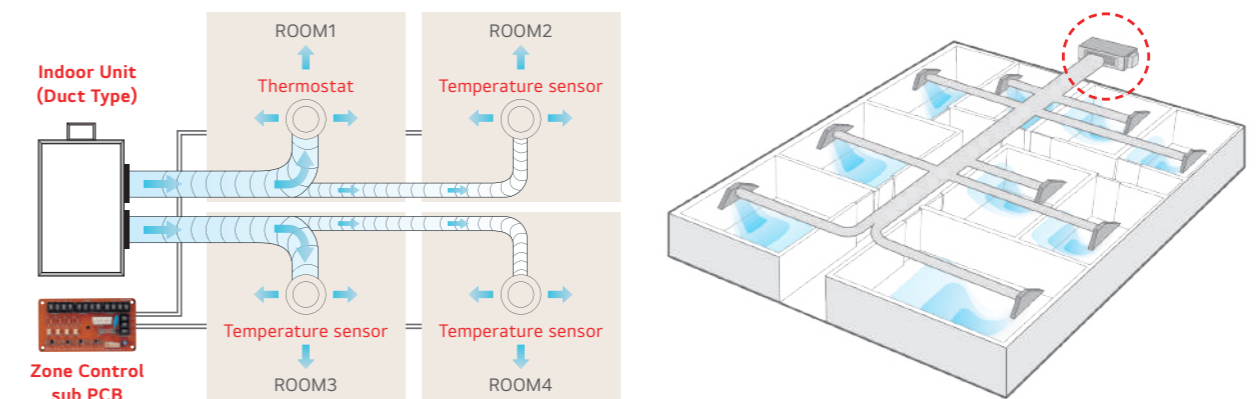


Operation for Multiple Rooms

Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously. Also, zone control is available with zone controller accessory. (ABZCA)

Zone Control Features

- Controls different zones (Up to 4 zones) by external thermostat (AC 24 V)
- Maintain proper air volume of each zone
- Auto variation of dampers
- Auto control of fan speed and On / Off operation



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STANDARD INVERTER (R32)

High Performance with a Height of Only 190 mm

- A user can easily access the air volume selection via a remote controller using the ESP control function. (No additional accessories are necessary to control the air flow)
- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Quiet operation (Low speed base by sound pressure)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.



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COMBINATION				9	12	18	24
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.5 / 3.2	1.5 / 3.4 / 4.7	2.0 / 5.0 / 5.8	2.7 / 6.8 / 7.8
	Heating	Min. / Rated / Max.	kW	1.8 / 3.2 / 4.0	1.8 / 4.0 / 4.9	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.66 / 0.93	0.33 / 1.05 / 1.84	0.3 / 1.35 / 1.89	0.4 / 2.03 / 2.84
	Heating	Min. / Rated / Max.	kW	0.38 / 0.74 / 1.63	0.33 / 1.08 / 1.63	0.4 / 1.77 / 2.48	0.4 / 2.13 / 3.30
Running Current	Cooling / Heating	Rated	A	3.0 / 3.3	4.7 / 4.8	7.5 / 8.3	9.0 / 9.4
EER / COP			kWh / kWh	3.80 / 4.30	3.23 / 3.71	3.71 / 3.28	3.35 / 3.52
SEER / SCOP			kWh / kWh	6.1 / 4.0	5.6 / 3.8	6.1 / 3.9	6.2 / 3.9
Pdesign	Cooling @ 35°C		kW	2.5	3.4	5	6.8
	Heating @ -10°C		kW	2.9	2.9	4.1	5.4
Seasonal Space Energy Efficiency			% / %	-	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A+ / A	A++ / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	143 / 1,015	213 / 1,068	287 / 1,472	384 / 1,938
Dehumidification Rate			l/h	0.2	0.8	1.6	2.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52	48 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18	-20 / 18
INDOOR				CL09F.N50	CL12F.N50	CL18F.N60	CL24F.N30
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)			W	21 / 15 / 13	21 / 15 / 13	100 / 90 / 80	150 / 130 / 110
Air Flow Rate			m³/min	11.5 / 9.5 / 8	11.5 / 9.5 / 8	15 / 12 / 10	20 / 16 / 12
External Static Pressure			Pa	0 / 50	0 / 50	0 / 50	0 / 50
Dimensions	Body	W x H x D	mm	900 x 190 x 460	900 x 190 x 460	1,100 x 190 x 460	1,100 x 190 x 700
	Body		kg	18.0	18.0	20.9	26.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	35 / 30 / 27	35 / 30 / 27	34 / 31 / 29	39 / 35 / 32
Sound Power Level	Cooling	Max.	dB(A)	55	55	56	58
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUA1.U10	UUB1.U20	UUC1.U40	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	25	
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330	
	Net		kg	33.3	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	10	20	
	Additional Charging Volume		g/m	20	20	55	
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	30	30	

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 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
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COMBINATION				18	24
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 4.7 / 5.1	2.7 / 6.8 / 7.5
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7	3.0 / 7.5 / 8.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.34 / 1.62 / 1.99	0.40 / 2.12 / 2.54
	Heating	Min. / Rated / Max.	kW	0.30 / 1.53 / 1.99	0.50 / 2.41 / 3.13
Running Current	Cooling / Heating	Rated	A	7.2 / 6.8	9.3 / 10.5
EER / COP			kWh / kWh	2.90 / 3.40	3.21 / 3.11
SEER / SCOP			kWh / kWh	5.1 / 3.8	6.0 / 4.1
Pdesign	Cooling @ 35°C		kW	4.7	6.8
	Heating @ -10°C		kW	2.7	4.2
Seasonal Space Energy Efficiency			% / %	-	-
Seasonal Energy Label	Cooling / Heating		-	A / A	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	323 / 995	397 / 1,434
Dehumidification Rate			l/h	1.5	2.4
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50	-10 / 48
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18
INDOOR				CL18F.N60	CL24F.N30
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)			W	100 / 90 / 80	150 / 130 / 110
Air Flow Rate			m³/min	15 / 12 / 10	20 / 16 / 12
External Static Pressure			Pa	0 / 50	0 / 50
Dimensions	Body	W x H x D	mm	1,100 x 190 x 460	1,100 x 190 x 700
	Body		kg	20.9	26
Sound Pressure Level*	Cooling	H / M / L	dB(A)	34 / 31 / 29	39 / 35 / 32
Sound Power Level	Cooling	Max.	dB(A)	56	58
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUA1.U10	UUB1.U20
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	15	20
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330
	Net		kg	33.3	44.5
Compressor	Type		-	Twin Rotary	Twin Rotary
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675	1.2 / 0.81
	Chargeless		m	10	10
	Additional Charging Volume		g/m	20	40
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35
Piping Elevation	IDU - ODU	Max.	m	30	30

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

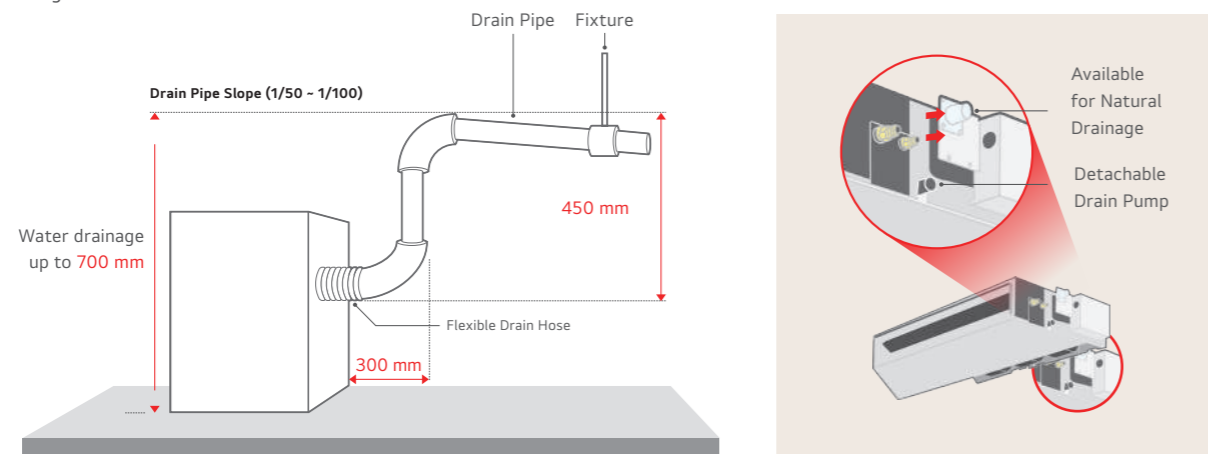
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 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
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MID STATIC DUCT

High Head Drain Pump

High head drain pump automatically drains water up to a height of 700 mm of drain-head height. It provides the perfect solution for draining of water.

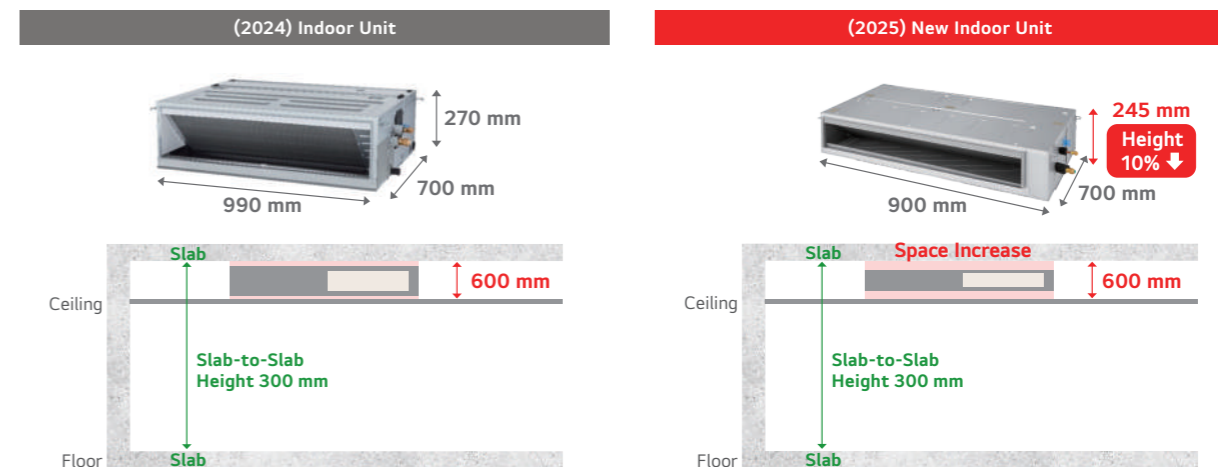


※ Standard Inverter : Accessory (ABDPG) / Low-Static Duct : Included
 ※ Required by option for Standard / Compact Inverter high static pressure models.

CM18F.NA0 / CM24F.NA0 / UM30F.NA0

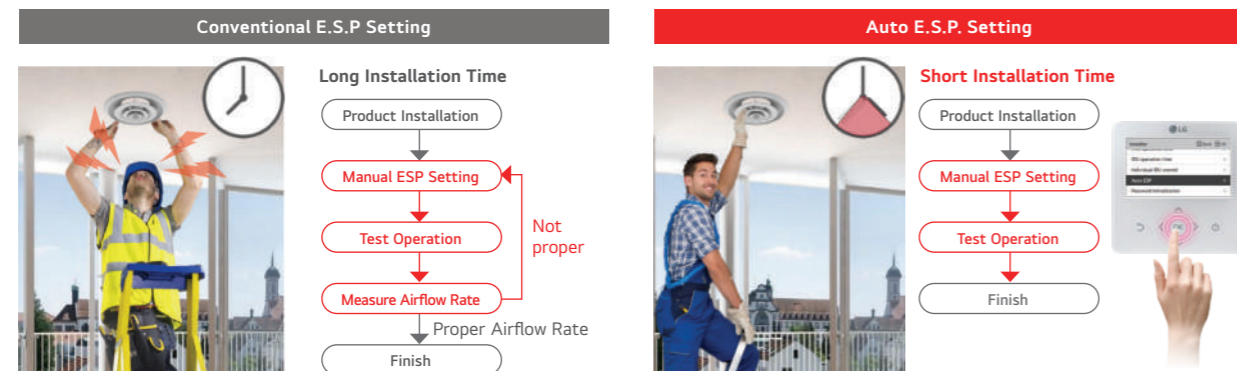
Compact Size

The height of the new indoor unit is lower than that of the conventional indoor unit so that it can be installed even on a relatively narrow ceiling shaft.



Auto ESP Setting

External static pressure can be set automatically with a wired remote controller. Installer can reduce Installation time and secure Installation quality, and End Use can reduce the operation cost.



※ Not Available on New MA DUCT SERIES (CM18F.NA0 / CM24F.NA0 / UM30F.NA0)

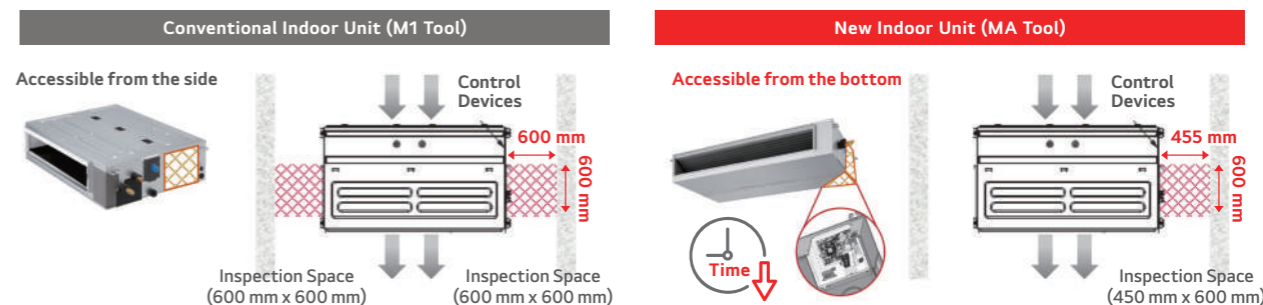
Flexible Installation

Due to the low height of the indoor unit and its installation flexibility, there are no significant restrictions on installation space.



Improved Accessibility to Control Devices

The structure which allows service from below the indoor unit can make it easier to access control devices and can reduce inspection space and repair time.



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STANDARD INVERTER (R32)

High Performance with Installation Flexibility

- Operation for multiple rooms, using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA))
- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor.
The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.

- To be obsolete from 26.12 -



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COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 - 5.0 - 5.7	2.7 - 6.8 - 7.8	3.1 - 7.5 - 9.0
	Heating	Min. / Rated / Max.	kW	2.3 - 5.5 - 6.5	3.0 - 7.5 - 8.5	3.6 - 9.0 - 10.0
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.3 - 1.33 - 1.86	0.4 - 1.95 - 2.69	0.4 - 2.14 - 3.03
	Heating	Min. / Rated / Max.	kW	0.4 - 1.48 - 2.46	0.5 - 2.27 - 3.29	0.5 - 2.42 - 3.33
Running Current	Cooling / Heating	Rated	A	7.4 / 7.8	8.7 / 10.1	10.8 / 13.7
EER / COP			kWh / kWh	3.75 / 3.71	3.49 / 3.31	3.50 / 3.71
SEER / SCOP			kWh / kWh	6.2 / 4.1	6.3 / 3.8	5.8 / 3.9
Pdesign	Cooling @ 35°C		kW	5.0	6.8	7.5
	Heating @ -10°C		kW	4.1	5.4	5.4
Seasonal Space Energy Efficiency			% / %	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	282 / 1,400	378 / 1,989	453 / 1,938
Dehumidification Rate			l/h	1.25	2.6	2.4
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				CM18F.NAO	CM24F.NAO	UM30F.NAO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	70 / 60 / 50	100 / 70 / 60	125 / 85 / 70
Air Flow Rate		H / M / L	m³/min	14 / 12 / 10	18 / 15 / 12	20 / 15.5 / 13
External Static Pressure		Min. / Max.	Pa	20 / 150	20 / 150	20 / 150
Dimensions	Body	W x H x D	mm	900 x 245 x 700	900 x 245 x 700	900 x 245 x 700
	Body		kg	27.9	27.9	29.1
Sound Pressure Level*	Cooling	H / M / L	dB(A)	31 / 29 / 28	36 / 32 / 29	38 / 33 / 30
Sound Power Level	Cooling	Max.	dB(A)	60	62	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUB1.U20	UUC1.U40	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	20	25	
Power Supply Cable (Included Earth)			No x mm²	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330	
	Net		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	55	
Fan	Air Flow Rate	Rated	m³/min x No.	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	30	

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

Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
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STANDARD INVERTER (R32)

High Performance with Auto ESP Control

- Auto External Static Pressure (ESP) control allows the duct type indoor unit to automatically set the fan RPM for each airflow rate according to the external static pressure.
- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA))
- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor.
The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**



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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.0 / 14.0	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.80	0.70 / 3.48 / 4.52	0.90 / 4.32 / 5.62	1.00 / 4.95 / 5.54
	Heating	Min. / Rated / Max.	kW	0.60 / 2.77 / 3.77	0.80 / 3.74 / 4.86	0.90 / 4.31 / 5.26	0.90 / 4.60 / 5.29
Running Current	Cooling / Heating	Rated	A	11.1 / 12.6	15.3 / 16.4	19.0 / 18.4	21.6 / 20.4
EER / COP			kWh / kWh	3.80 / 3.90	3.45 / 3.61	3.10 / 3.60	2.95 / 3.65
SEER / SCOP			kWh / kWh	5.80 / 3.90	5.60 / 3.90	5.80 / 4.00	5.60 / 4.00
Pdesign	Cooling @ 35°C		kW	9.5	12.0	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	-	229.0 / 157.0	221.0 / 157.0
Seasonal Energy Label	Cooling / Heating		-	A+ / A	A+ / A	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	573 / 3,410	750 / 3,410	1,386 / 3,325	1,564 / 3,325
Dehumidification Rate			l/h	2.9	4.4	4.8	4.7
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				UM36F.N21	UM42F.N21	UM48F.N31	UM60F.N31
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	183 / 134 / 101	266 / 200 / 145	242 / 159 / 124	342 / 287 / 242
Air Flow Rate		H / M / L	m³/min	32 / 28 / 24	38 / 33 / 28	40 / 34 / 28	50 / 45 / 40
External Static Pressure		Min. / Max.	Pa	40 / 150	50 / 150	40 / 150	40 / 150
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
	Body		kg	38.5	38.5	43.5	43.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 34 / 33	38 / 36 / 34	39 / 38 / 36	42 / 40 / 39
Sound Power Level	Cooling	Max.	dB(A)	60	62	65	66
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUD1.U30			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm²	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
	Type / GWP (Global Warming Potential)		-	R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	50			
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

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

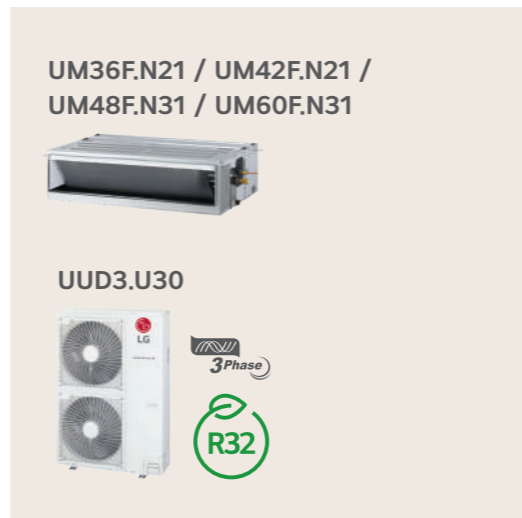
Note :

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 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**



EUROVENT CERTIFIED PERFORMANCE
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COMBINATION		36	42	48	60		
Capacity	Cooling	Min. / Rated / Max. kW	3.8 / 9.5 / 12.5	4.8 / 12.0 / 14.0	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8	
	Heating	Min. / Rated / Max. kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1	
Power Input (Set)	Cooling	Min. / Rated / Max. kW	0.50 / 2.50 / 3.80	0.70 / 3.48 / 4.52	0.90 / 4.32 / 5.62	1.00 / 4.95 / 5.54	
	Heating	Min. / Rated / Max. kW	0.60 / 2.77 / 3.77	0.80 / 3.74 / 4.86	0.90 / 4.31 / 5.26	0.90 / 4.60 / 5.29	
Running Current	Cooling / Heating	Rated	A	4.0 / 4.5	5.5 / 5.9	6.8 / 6.5	7.7 / 7.2
EER / COP		kWh / kWh	3.80 / 3.90	3.45 / 3.61	3.10 / 3.60	2.95 / 3.65	
SEER / SCOP		kWh / kWh	5.8 / 3.9	5.6 / 3.9	5.8 / 4.0	5.6 / 4.0	
Pdesign	Cooling @ 35°C	kW	9.5	12	13.4	14.6	
	Heating @ -10°C	kW	9.5	9.5	9.5	9.5	
Seasonal Space Energy Efficiency		% / %	-	-	229.0 / 157.0	221.0 / 157.0	
Seasonal Energy Label	Cooling / Heating	-	A+ / A	A+ / A	- / -	- / -	
Annual Energy Consumption	Cooling / Heating	kWh	573 / 3,410	750 / 3,410	1,386 / 3,325	1,564 / 3,325	
Dehumidification Rate		l/h	2.9	4.4	4.8	4.7	
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	
	Connections Method	-	Flared	Flared	Flared	Flared	
Operation Range (Outdoor)	Cooling	Min. / Max. °C	-20 / 52	-20 / 52	-20 / 52	-20 / 52	
	Heating	Min. / Max. °C	-25 / 18	-25 / 18	-25 / 18	-25 / 18	
INDOOR			UM36F.N21	UM42F.N21	UM48F.N31	UM60F.N31	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power Input (IDU)		H / M / L	183 / 134 / 101	266 / 200 / 145	242 / 159 / 124	342 / 287 / 242	
Air Flow Rate		m³/min	32 / 28 / 24	38 / 33 / 28	40 / 34 / 28	50 / 45 / 40	
External Static Pressure		Pa	40 / 150	50 / 150	40 / 150	40 / 150	
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Body	kg	38.5	38.5	43.5	43.5	
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 34 / 33	38 / 36 / 34	39 / 38 / 36	42 / 40 / 39
Sound Power Level	Cooling	Max.	dB(A)	60	62	65	66
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR			UUD3.U30				
Power Supply		Ø / V / Hz	3 / 380-415 / 50				
Circuit Breaker		Min.	A				
Power Supply Cable (Included Earth)		No x mm²	5C x 2.5				
Dimensions	Net	W x H x D	mm				
Weight	Net	kg	85				
Compressor	Type	-	Inverter Scroll				
Refrigerant	Type / GWP (Global Warming Potential)	-	R32 / 675				
	Precharged Amount / t-CO ₂ eq	kg	3.0 / 2.025				
	Chargeless	m	20				
	Additional Charging Volume	g/m	50				
Fan	Air Flow Rate	Rated	m³/min x No.				
Total Piping Length		Min. / Max.	m				
Piping Elevation	IDU - ODU	Max.	m				

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 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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COMPACT INVERTER (R32)

High Performance with Installation Flexibility

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COMBINATION		18	24	30		
Capacity	Cooling	Min. / Rated / Max. kW	1.8 ~ 5.0 ~ 5.5	2.7 ~ 6.8 ~ 7.5	3.0 ~ 7.5 ~ 8.3	
	Heating	Min. / Rated / Max. kW	2.2 ~ 5.5 ~ 6.3	3.0 ~ 7.4 ~ 8.2	3.2 ~ 8.0 ~ 8.8	
Power Input (Set)	Cooling	Min. / Rated / Max. kW	0.35 ~ 1.67 ~ 1.92	0.5 ~ 2.34 ~ 2.81	0.5 ~ 2.57 ~ 3.08	
	Heating	Min. / Rated / Max. kW	0.32 ~ 1.58 ~ 1.95	0.4 ~ 2.17 ~ 2.82	0.5 ~ 2.25 ~ 2.93	
Running Current	Cooling / Heating	Rated	A	7.4 / 7.0	10.3 / 9.7	11.0 / 9.7
EER / COP		kWh / kWh	3.0 / 3.5	2.91 / 3.41	2.92 / 3.56	
SEER / SCOP		kWh / kWh	5.7 / 3.8	5.7 / 4.1	5.6 / 3.9	
Pdesign	Cooling @ 35°C	kW	5.0	6.8	7.5	
	Heating @ -10°C	kW	2.8	4.1	4.3	
Seasonal Space Energy Efficiency		% / %	-	-	-	
Seasonal Energy Label	Cooling / Heating	-	A+ / A	A+ / A+	A+ / A	
Annual Energy Consumption	Cooling / Heating	kWh	307 / 1,032	418 / 1,400	469 / 1,544	
Dehumidification Rate		l/h	1.23	2.48	2.61	
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	67
Piping Connections	Liquid / Gas	mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	
	Connections Method	-	Flared	Flared	Flared	
Operation Range (Outdoor)	Cooling	Min. / Max. °C	-10 / 50	-10 / 48	-10 / 48	
	Heating	Min. / Max. °C	-10 / 18	-15 / 18	-15 / 18	
INDOOR			CM18F.NAO	CM24F.NAO	UM30F.NAO	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power Input (IDU)		H / M / L	70 / 60 / 50	100 / 70 / 60	125 / 85 / 70	
Air Flow Rate		m³/min	14 / 12 / 10	18 / 15 / 12	20 / 15.5 / 13	
External Static Pressure		Pa	20 / 150	20 / 150	25 / 150	
Dimensions	Body	W x H x D	mm	900 x 245 x 700	900 x 245 x 700	900 x 245 x 700
Weight	Body	kg	27.9	27.9	29.1	
Sound Pressure Level*	Cooling	H / M / L	dB(A)	31 / 29 / 28	36 / 32 / 29	38 / 33 / 30
Sound Power Level	Cooling	Max.	dB(A)	60	62	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR			UUA1.ULO	UUB1.U20		
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50		
Circuit Breaker		Min.	A	15		
Power Supply Cable (Included Earth)		No x mm²	3C x 1.5	3C x 2.5		
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	
Weight	Net	kg	33.3	44.5		
Compressor	Type	-	Twin Rotary	Twin Rotary		
Refrigerant	Type / GWP (Global Warming Potential)	-	R32 / 675	R32 / 675		
	Precharged Amount / t-CO ₂ eq	kg	1 / 0.675	1.2 / 0.81		
	Chargeless	m	10	10		
	Additional Charging Volume	g/m	20	40		
Fan	Air Flow Rate	Rated	m³/min x No.			
Total Piping Length		Min. / Max.	m			
Piping Elevation	IDU - ODU	Max.	m			

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

Note :

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- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
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 - ※ Specifications may vary by each model or IDU / ODU combination.

COMPACT INVERTER (R32)

High Performance with Auto ESP Control

- Auto External Static Pressure (ESP) control allows the duct type indoor unit to automatically set the fan RPM for each airflow rate according to the external static pressure.
- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water



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

COMBINATION				36
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 10.5
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.60 / 3.16 / 3.86
	Heating	Min. / Rated / Max.	kW	0.60 / 3.03 / 3.48
Running Current	Cooling / Heating	Rated	A	14.0 / 13.4
EER / COP			kWh / kWh	3.01 / 3.57
SEER / SCOP			kWh / kWh	5.9 / 4.0
Pdesign	Cooling @ 35°C		kW	9.5
	Heating @ -10°C		kW	5.5
Seasonal Space Energy Efficiency			% / %	-
Seasonal Energy Label	Cooling / Heating		-	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	564 / 1,924
Dehumidification Rate			l/h	3.2
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	70
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 50
	Heating	Min. / Max.	°C	-15 / 18
INDOOR				UM36F.N21
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	183 / 134 / 101
Air Flow Rate		H / M / L	m³/min	32 / 28 / 24
External Static Pressure		Min. / Max.	Pa	40 / 150
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700
	Weight	Body	kg	38.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 34 / 33
Sound Power Level	Cooling	Max.	dB(A)	60
Piping Connections	Drain	O.D. / I.D.	mm	Ø25.4 / 19.4
OUTDOOR				UUC1.U40
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Circuit Breaker		Min.	A	25
Power Supply Cable (Included Earth)			No x mm²	3C x 2.5
Dimensions	Net	W x H x D	mm	950 x 834 x 330
Weight	Net		kg	57.7
Compressor	Type		-	Twin Rotary
	Type / GWP (Global Warming Potential)		-	R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.9 / 1283
	Chargeless		m	20
	Additional Charging Volume		g/m	55
Fan	Air Flow Rate	Rated	m³/min x No.	58 x 1
Total Piping Length		Min. / Max.	m	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30

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

Note :

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2. Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
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CEILING SUSPENDED



Differentiated Design

Acknowledged by iF Design Award, the modern's V-shape elegant design with a black vane is appropriate for any commercial space.



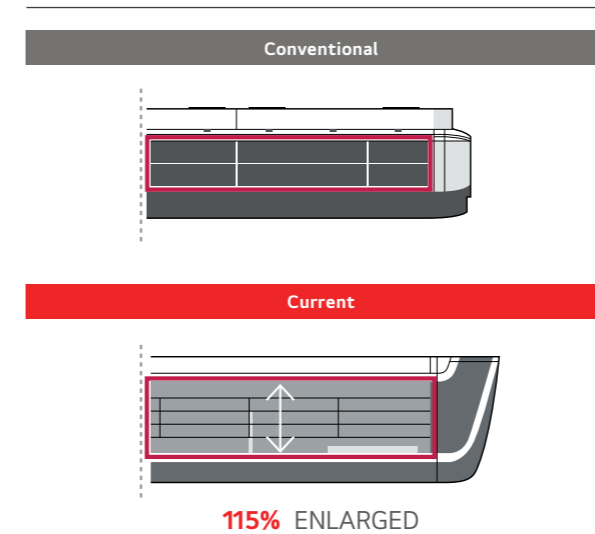
Powerful Cooling & Heating

High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m away from ceiling.

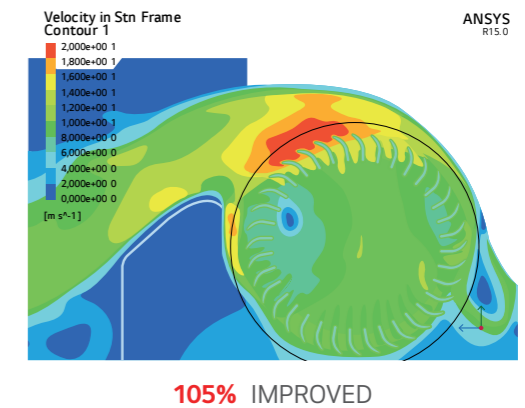


Airflow path and improved heat exchanger's performance.

Outlet Space



Optimized the Airflow Path



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STANDARD INVERTER (R32)

High Performance by Powerful Cooling & Heating

- High ceiling mode provides powerful cooling and heating up to 4.2 m in height from floor, 15 m away from ceiling.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.



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

COMBINATION		18	24	30		
Capacity	Cooling	Min. / Rated / Max. kW	2.0 / 5.0 / 5.8	2.7 / 6.7 / 8.0	3.1 / 7.7 / 8.8	
	Heating	Min. / Rated / Max. kW	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0	3.4 / 8.6 / 9.6	
Power Input (Set)	Cooling	Min. / Rated / Max. kW	0.30 / 1.33 / 1.86	0.40 / 1.99 / 2.69	0.50 / 2.25 / 3.08	
	Heating	Min. / Rated / Max. kW	0.40 / 1.76 / 2.46	0.40 / 2.2 / 3.08	0.50 / 2.5 / 3.20	
Running Current	Cooling / Heating	Rated	A	7.5 / 8.3	8.8 / 9.8	10.0 / 11.1
EER / COP		kWh / kWh	3.75 / 3.29	3.37 / 3.41	3.42 / 3.44	
SEER / SCOP		kWh / kWh	6.6 / 4.3	7.2 / 4.2	6.8 / 4.4	
Pdesign	Cooling @ 35°C	kW	5	6.7	7.7	
	Heating @ -10°C	kW	4.2	4.9	5.4	
Seasonal Space Energy Efficiency		% / %	-	-	-	
Seasonal Energy Label	Cooling / Heating	-	A++ / A+	A++ / A+	A++ / A+	
Annual Energy Consumption	Cooling / Heating	kWh	265 / 1,368	326 / 1,633	396 / 1,718	
Dehumidification Rate		l/h	1.8	2.7	3.0	
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65	68
Piping Connections	Liquid / Gas	mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	
	Connections Method	-	Flared	Flared	Flared	
Operation Range (Outdoor)	Cooling	Min. / Max. °C	-15 / 50	-20 / 50	-20 / 50	
	Heating	Min. / Max. °C	-20 / 18	-20 / 18	-20 / 18	
INDOOR			UV18F.N10	UV24F.N10	UV30F.N10	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power Input (IDU)		H / M / L	17 / 15 / 13	33 / 26 / 19	47 / 40 / 33	
Air Flow Rate		H / M / L	m³/min	13 / 12 / 11	16 / 15 / 14	19 / 17.5 / 16
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,200 x 235 x 690
Weight	Body	kg	27.3	28	28	
Sound Pressure Level*	Cooling	H / M / L	dB (A)	42 / 40 / 39	46 / 45 / 43	46 / 44 / 43
Sound Power Level	Cooling	Max	dB (A)	55	61	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR			UUB1.U20	UUC1.U40		
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50		
Circuit Breaker	Min	A	20	25		
Power Supply Cable (Included Earth)		No x mm²	3C x 2.5	3C x 2.5		
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330	
Weight	Net	kg	44.5	57.7		
Compressor	Type	-	Twin Rotary	Twin Rotary		
	Type / GWP (Global Warming Potential)	-	R32 / 675	R32 / 675		
Refrigerant	Precharged Amount / t-CO ₂ eq	kg	1.2 / 0.81	1.9 / 1.283		
	Chargeless	m	10	20		
	Additional Charging Volume	g/m	20	55		
Fan	Air Flow Rate	Rated	m³/min x No.	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max	m	30	30	

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

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
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STANDARD INVERTER (R32)

High Performance by Powerful Cooling & Heating

- High ceiling mode provides powerful cooling and heating up to 4.2 m in height from floor, 15 m away from ceiling.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.
- Operation range (heating) is -25°C ~ 18°C (Min / Max)



EUROVENT CERTIFIED PERFORMANCE
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COMBINATION		36	42	48	60		
Capacity	Cooling	Min. / Rated / Max. kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.4 / 15.6	
	Heating	Min. / Rated / Max. kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1	
Power Input (Set)	Cooling	Min. / Rated / Max. kW	0.50 / 2.65 / 4.03	0.80 / 3.90 / 5.07	0.90 / 4.50 / 5.85	1.10 / 5.33 / 5.97	
	Heating	Min. / Rated / Max. kW	0.50 / 2.60 / 3.54	0.80 / 3.75 / 4.88	0.90 / 4.77 / 5.82	1.10 / 5.60 / 6.44	
Running Current	Cooling / Heating	Rated	A	11.7 / 11.4	17.0 / 16.5	19.7 / 20.6	23.6 / 24.6
EER / COP		kWh / kWh	3.59 / 4.15	3.10 / 3.60	2.98 / 3.25	2.70 / 3.00	
SEER / SCOP		kWh / kWh	6.3 / 4.1	6.3 / 4.1	5.9 / 4.1	5.7 / 4.1	
Pdesign	Cooling @ 35°C	kW	9.5	12.1	13.4	14.4	
	Heating @ -10°C	kW	9.5	9.5	9.5	9.5	
Seasonal Space Energy Efficiency		% / %	-	249.0 / 161.0	233.0 / 161.0	225.0 / 161.0	
Seasonal Energy Label	Cooling / Heating	-	A++ / A+	- / -	- / -	- / -	
Annual Energy Consumption	Cooling / Heating	kWh	528 / 3,244	1,152 / 3,244	1,363 / 3,244	1,516 / 3,244	
Dehumidification Rate		l/h	3.6	5.5	6.3	7.1	
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	
	Connections Method	-	Flared	Flared	Flared	Flared	
Operation Range (Outdoor)	Cooling	Min. / Max. °C	-20 / 52	-20 / 52	-20 / 52	-20 / 52	
	Heating	Min. / Max. °C	-25 / 18	-25 / 18	-25 / 18	-25 / 18	
INDOOR			UV36F.N20	UV42F.N20	UV48F.N20	UV60F.N20	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power Input (IDU)		H / M / L	50 / 35 / 28	50 / 35 / 28	59 / 40 / 28	59 / 40 / 28	
Air Flow Rate		H / M / L	m³/min	28 / 24 / 20	28 / 24 / 20	30 / 25 / 20	30 / 25 / 20
Dimensions	Body	W x H x D	mm	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body	kg	36.7	36.7	36.7	36.7	
Sound Pressure Level*	Cooling	H / M / L	dB (A)	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max	dB (A)	62	63	63	63
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR			UUD1.U30				
Power Supply		Ø / V / Hz	1 / 220-240 / 50				
Circuit Breaker	Min	A	40				
Power Supply Cable (Included Earth)		No x mm²	3C x 6.0				
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net	kg	85				
Compressor	Type	-	Inverter Scroll				
	Type / GWP (Global Warming Potential)	-	R32 / 675				
Refrigerant	Precharged Amount / t-CO ₂ eq	kg	3.0 / 2.025				
	Chargeless	m	20				
	Additional Charging Volume	g/m	50				
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max	m	30			

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
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STANDARD INVERTER (R32)

High Performance by Powerful Cooling & Heating

- High ceiling mode provides powerful cooling and heating up to 4.2 m in height from floor, 15 m away from ceiling.
- Optional two thermostats control, the indoor temperature can be checked using the thermostats in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**



EUROVENT CERTIFIED PERFORMANCE
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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.4 / 15.6
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.65 / 4.03	0.80 / 3.90 / 5.07	0.90 / 4.50 / 5.85	1.10 / 5.33 / 5.97
	Heating	Min. / Rated / Max.	kW	0.50 / 2.60 / 3.54	0.80 / 3.75 / 4.88	0.90 / 4.77 / 5.82	1.10 / 5.60 / 6.44
Running Current	Cooling / Heating	Rated	A	4.2 / 4.1	6.1 / 5.9	7.0 / 7.3	8.2 / 8.5
EER / COP			kWh / kWh	3.59 / 4.15	3.10 / 3.60	2.98 / 3.25	2.70 / 3.00
SEER / SCOP			kWh / kWh	6.3 / 4.1	6.3 / 4.1	5.9 / 4.1	5.7 / 4.1
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.4
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	249.0 / 161.0	233.0 / 161.0	225.0 / 161.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	528 / 3,244	1,152 / 3,244	1,363 / 3,244	1,516 / 3,244
Dehumidification Rate			l/h	3.6	5.5	6.3	7.1
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				UV36F.N20	UV42F.N20	UV48F.N20	UV60F.N20
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	50 / 35 / 28	50 / 35 / 28	59 / 40 / 28	59 / 40 / 28
Air Flow Rate		H / M / L	m³/min	28 / 24 / 20	28 / 24 / 20	30 / 25 / 20	30 / 25 / 20
Dimensions	Body	W x H x D	mm	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	36.7	36.7	36.7	36.7
Sound Pressure Level*	Cooling	H / M / L	dB (A)	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max.	dB (A)	62	62	63	63
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUD3.U30			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker	Min.		A	20			
Power Supply Cable (Included Earth)			No x mm²	5C x 2.5			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
	Type / GWP (Global Warming Potential)		-	R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	50			
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

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

Note :

- Due to our policy of innovation some specifications may be changed without notification.
- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
- This product contains fluorinated greenhouse gases (R32)
 - ※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
 - ※ Specifications may vary by each model or IDU / ODU combination.

COMPACT INVERTER (R32)

High Performance by Powerful Cooling & Heating

- High ceiling mode provides powerful cooling and heating up to 4.2 m in height from floor, 15 m away from ceiling.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.



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

COMBINATION				18	24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.5
	Heating	Min. / Rated / Max.	kW	2.2 / 5.3 / 5.8	2.9 / 7.3 / 8.4	3.2 / 8.0 / 8.8	4.1 / 10.3 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.32 / 1.61 / 1.93	0.40 / 2.06 / 2.47	0.50 / 2.42 / 2.90	0.70 / 3.28 / 3.87
	Heating	Min. / Rated / Max.	kW	0.30 / 1.44 / 1.86	0.40 / 2.23 / 2.90	0.50 / 2.48 / 3.22	0.60 / 2.78 / 3.45
Running Current	Cooling / Heating	Rated	A	7.2 / 6.4	9.0 / 9.7	10.6 / 10.8	14.6 / 12.3
EER / COP			kWh / kWh	3.10 / 3.70	3.30 / 3.28	3.10 / 3.23	2.90 / 3.70
SEER / SCOP			kWh / kWh	6.6 / 4.6	6.6 / 4.2	6.6 / 4.3	6.1 / 4.2
Pdesign	Cooling @ 35°C		kW	5	6.8	7.5	9.5
	Heating @ -10°C		kW	2.9	4.3	4.4	5.5
Seasonal Space Energy Efficiency			% / %	-	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A++	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	265 / 883	361 / 1,433	398 / 1,433	545 / 1,833
Dehumidification Rate			l/h	1.7	2.4	2.8	3.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50	-10 / 48	-10 / 48	-20 / 50
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18	-15 / 18	-15 / 18
INDOOR				UV18F.N10	UV24F.N10	UV30F.N10	UV36F.N20
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	17 / 15 / 13	33 / 26 / 19	47 / 40 / 33	50 / 35 / 28
Air Flow Rate		H / M / L	m³/min	13 / 12 / 11	16 / 15 / 14	19 / 17.5 / 16	28 / 24 / 20
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,200 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	27.3	28	28	36.7
Sound Pressure Level*	Cooling	H / M / L	dB (A)	42 / 40 / 39	46 / 45 / 43	46 / 44 / 43	46 / 43 / 40
Sound Power Level	Cooling	Max.	dB (A)	55	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUA1.U10	UUB1.U20	UUC1.U40	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker	Min.		A	15	20	25	
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	33.3	44.5	57.7	
Compressor	Type		-	Twin Rotary			Twin Rotary
	Type / GWP (Global Warming Potential)		-	R32 / 675			R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675			1.2 / 0.81
	Chargeless		m	10			10
	Additional Charging Volume		g/m	20			40
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1			50 x 1
Total Piping Length		Min. / Max.	m	5 / 30			5 / 35
Piping Elevation	IDU - ODU	Max.	m	30			30

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

Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
 - ※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
 - ※ Specifications may vary by each model or IDU / ODU combination.

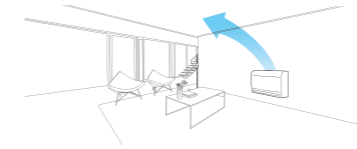
CONSOLE



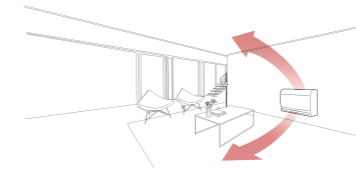
Optimized Air Flow for Cooling & Heating

During cooling operation, the vane adjusts upwards to direct the air flow toward the ceiling. During heating operation, the van directs the air flow toward the floor to balance out the room temperature. A wireless controller is included with the indoor console unit.

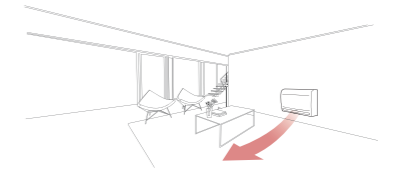
Cooling



Heating (Normal)



Heating (Floor Heating Mode)



Quick Floor Heating

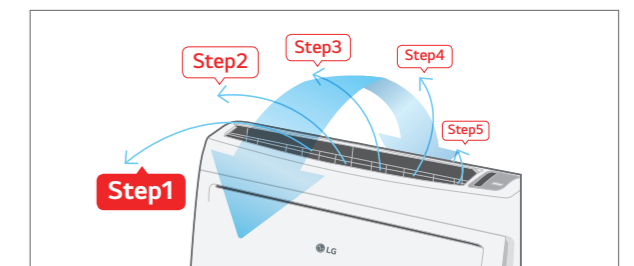
Console air conditioners portray high speed and powerful performance. Using the floor heating mode, console air conditioners provide floor heating at a faster pace in order to reach desired temperature more quickly.

		Company A	Electric Heater	LG	LG Floor Heating Mode
27°C 15°C	Vertical				
	Horizontal				
Lead Time for Heating (13°C ~ 21°C)		12 minutes 30 seconds	50 minutes	9 minutes 30 seconds	8 minutes 40 seconds

※ Test Condition : Target Temp 23°C, Indoor Room : 13°C-, Outdoor Room : 7°C

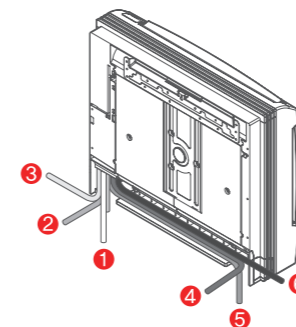
5-Step Vane Control

There are 5 different stages to control the air flow direction

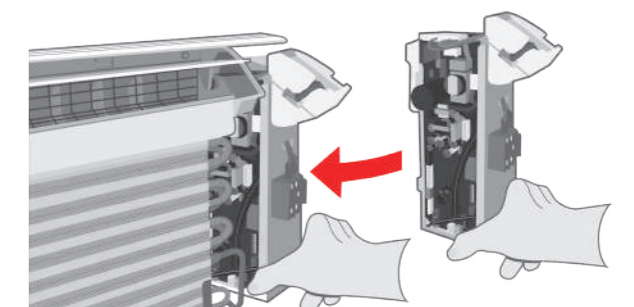


Easy Installation and Service

6 Different Ways to Install Piping



Easy Slide-type PCB



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STANDARD INVERTER (R32)

Optimized Air Flow for Cooling & Heating

- During cooling operation, the vane adjusts upwards to direct the air flow toward the ceiling. During heating operation, the van directs the air flow toward the floor to balance out the room temperature.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5-step vane control for the air flow direction
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- Easy installation, 6 different ways to install piping
- Easy service, easy slide-type PCB
- **Standard for Wi-Fi (Embedded)**
- **Standard for ionizer**
- **Standard for wireless controller with the indoor console unit.**



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

COMBINATION				9	12	18
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.6 / 3.4	1.5 / 3.5 / 4.0	2.0 / 5.0 / 5.8
	Heating	Min. / Rated / Max.	kW	1.6 / 3.1 / 3.9	1.6 / 4.0 / 4.3	2.0 / 4.9 / 5.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.65 / 0.91	0.30 / 1.00 / 1.46	0.40 / 1.75 / 2.45
	Heating	Min. / Rated / Max.	kW	0.30 / 0.74 / 1.08	0.30 / 1.05 / 1.58	0.30 / 1.56 / 2.11
Running Current	Cooling / Heating	Rated	A	2.9 / 3.3	4.4 / 4.7	8.3 / 8.0
EER / COP			kWh / kWh	4.00 / 4.20	3.50 / 3.80	2.85 / 3.14
SEER / SCOP			kWh / kWh	6.5 / 4.0	6.4 / 4.0	5.8 / 3.8
Pdesign	Cooling @ 35°C		kW	2.6	3.5	5
	Heating @ -10°C		kW	2.8	3	3.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	140 / 980	191 / 1,050	302 / 1,396
Dehumidification Rate			l/h	0.7	1.3	2.4
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52
			dB(A)	65	65	63
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				UQ09F.NA0	UQ12F.NA0	UQ18F.NA0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	37 / 30 / 25	37 / 30 / 25	44 / 39 / 35
Air Flow Rate		H / M / L	m³/min	8.5 / 6.7 / 5.0	8.5 / 6.7 / 5.0	10.1 / 8.6 / 7.2
Dimensions	Body	W x H x D	mm	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210
Weight	Body		kg	16.3	16.3	16.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 39 / 35
	Sound Power Level	Max.	dB(A)	59	59	60
Piping Connections	Drain	O.D. / I.D.	mm	Ø16.7 / 12.2	Ø16.7 / 12.2	Ø16.7 / 12.2
OUTDOOR				UUA1.U10	UUB1.U20	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	
Weight	Net		kg	33.3	44.5	
Compressor	Type		-	Twin Rotary	Twin Rotary	
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675	1.2 / 0.81	
Refrigerant	Chargeless		m	10	10	
	Additional Charging Volume		g/m	20	20	
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 30	
Piping Elevation	IDU - ODU	Max.	m	30	30	

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

Note :

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- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
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FLOOR STANDING



WALL MOUNTED



STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- Operation range (heating) is -20°C ~ 18°C (Min / Max)
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Standard for Wi-Fi (Embedded)**
- **Standard for wireless controller with the flooring standing unit.**

MJ09PC.NSJ / MJ12PC.NSJ



UUA1.ULO



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

COMBINATION				9	12
Capacity	Cooling	Min. / Rated / Max.	kW	1.50 / 2.50 / 3.20	1.50 / 3.50 / 4.00
	Heating	Min. / Rated / Max.	kW	1.80 / 3.20 / 3.70	1.80 / 4.00 / 4.40
Power Input	Cooling	Min. / Rated / Max.	kW	0.30 / 0.58 / 0.84	0.33 / 0.97 / 1.48
	Heating	Min. / Rated / Max.	kW	0.30 / 0.71 / 0.85	0.33 / 1.00 / 1.48
Running Current	Cooling / Heating	Rated	A	2.60 / 3.20	4.40 / 4.50
EER / COP			kWh / kWh	4.30 / 4.50	3.60 / 4.00
SEER / SCOP			kWh / kWh	7.00 / 4.00	6.60 / 4.00
Pdesign	Cooling @ 35°C		kW	2.5	3.5
	Heating @ -10°C		kW	2.8	2.8
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	A++ / A+
Annual Energy Consumption		Cooling / Heating	kWh	125 / 980	186 / 980
Dehumidification Rate			ℓ/h	1.90	1.90
ODU Sound Pressure Level*	Cooling	Rated	dB(A)	49	49
	Heating	Rated	dB(A)	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
	Heating	Rated	dB(A)	-	-
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	06.35 (1/4) / 09.52 (3/8)	06.35 (1/4) / 09.52 (3/8)
	Connections Method			Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				MJ09PC.NSJ	MJ12PC.NSJ
Power Supply			∅ / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input	Min. / Nom. / Max.		W	11 / 18 / 30	11 / 19 / 30
Air Flow Rate		H / M / L	m ³ /min	7.6 / 6.2 / 4.8	8.0 / 6.6 / 5.5
Dimensions	Body	W x H x D	mm	818 x 316 x 189	818 x 316 x 189
	Shipping		kg (lbs)	10.2 (22.5)	10.2 (22.5)
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 32 / 27	38 / 34 / 29
Sound Power Level	Cooling	Max.	dB(A)	56	56
Piping Connections	Drain	O.D. / I.D.	mm	021.5 / 16.0	021.5 / 16.0
OUTDOOR				UUA1.ULO	
Power Supply			∅ / V / Hz	1 / 220-240 / 50	
Circuit Breaker	Min.		A	15	
Power Supply Cable (included Earth)			No. x mm ²	3C x 1.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	
Weight	Net		kg	33.3	
Compressor	Type		-	Twin Rotary	
	Type / GWP (Global Warming Potential)		-	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq.		kg	1.0 / 0.675	
	Control		-	EEV	
	Chargeless		m	10	
	Additional Charging Volume		g/m	20	
Total Piping Length	Rated		m ³ /min x No.	28 x 1	
	Min. / Max.		m	5.0 / 30.0	
Piping Elevation	IDU-ODU	Max.	m	30	

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

Note :

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2. Performances are based on the following conditions (It is accordance with EN14511)

- Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB

- Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB

- Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.

4. This product contains fluorinated greenhouse gases. (R32)

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※ Specifications may vary by each model or IDU / ODU combination.

STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- Operation range (heating) is -20°C ~ 18°C (Min / Max)
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Standard for Wi-Fi (Embedded)**
- **Standard for wireless controller with the flooring standing unit.**



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COMBINATION				18	24
Capacity	Cooling	Min. / Rated / Max.	kW	2.00 / 5.00 / 7.00	2.70 / 6.80 / 7.70
	Heating	Min. / Rated / Max.	kW	2.30 / 5.80 / 6.10	3.00 / 6.90 / 7.24
Power Input	Cooling	Min. / Rated / Max.	kW	0.30 / 1.39 / 2.63	0.40 / 2.00 / 2.57
	Heating	Min. / Rated / Max.	kW	0.30 / 1.71 / 1.96	0.40 / 2.30 / 2.50
Running Current	Cooling / Heating	Rated	A	6.30 / 7.70	9.10 / 10.60
EER / COP			kWh / kWh	3.61 / 3.40	3.40 / 3.00
SEER / SCOP			kWh / kWh	6.80 / 4.00	6.70 / 3.90
Pdesign	Cooling @ 35°C		kW	5.0	6.8
	Heating @ -10°C		kW	4.1	5.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	257 / 1,365	355 / 1,795
Dehumidification Rate			l/h	3.35	3.50
ODU Sound Pressure Level*	Cooling	Rated	dB(A)	47	48
	Heating	Rated	dB(A)	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65
	Heating	Rated	dB(A)	-	-
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method			Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				MJ18PC.NSK	MJ24PC.NSK
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input	Min. / Nom. / Max.		W	26 / 39 / 60	27 / 45 / 60
Air Flow Rate		H / M / L	m³/min	15.8 / 12.4 / 10.0	16.9 / 12.8 / 10.4
Dimensions	Body	W x H x D	mm	975 x 354 x 209	975 x 354 x 209
	Weight		kg (lbs)	10.9 (24.0)	11.5 (25.4)
Weight	Shipping		kg (lbs)	13.9 (30.6)	14.5 (32.0)
	Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 38 / 34
Sound Power Level	Cooling	Max	dB(A)	59	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				UUB1.U20	UUC1.U40
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min	A	20	25
Power Supply Cable (included Earth)			No. x mm²	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq.		kg	1.2 / 0.810	1.9 / 1.283
	Control		-	EEV	EEV
Refrigerant	Chargeless		m	10	20
	Additional Charging Volume		g/m	20	55
Total Piping Length	Air Flow Rate	Rated	m³/min x No.	50 x 1	58 x 1
		Min. / Max.	m	5.0 / 35.0	5.0 / 50.0
Piping Elevation	IDU-ODU	Max.	m	30	30

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

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- Operation range (heating) is -20°C ~ 18°C (Min / Max) for US30F
- Operation range (heating) is -25°C ~ 18°C (Min / Max) for US36F
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Standard for Wi-Fi (Embedded)**
- **Standard for wireless controller with the flooring standing unit.**



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COMBINATION				30	36	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.2 / 8.0 / 9.0	3.8 / 9.5 / 12.5	3.8 / 9.5 / 12.5
	Heating	Min. / Rated / Max.	kW	3.6 / 9.0 / 10.0	4.3 / 10.8 / 13.4	4.3 / 10.8 / 13.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.28 / 3.17	0.30 / 2.57 / 3.91	0.30 / 2.57 / 3.91
	Heating	Min. / Rated / Max.	kW	0.50 / 2.5 / 3.20	0.50 / 2.77 / 3.77	0.50 / 2.77 / 3.77
Running Current	Cooling / Heating	Rated	A	10.1 / 11.1	11.4 / 12.2	4.1 / 4.4
EER / COP			kWh / kWh	3.51 / 3.60	3.70 / 3.90	3.70 / 3.90
SEER / SCOP			kWh / kWh	7.0 / 4.3	6.10 / 3.85	6.10 / 3.85
Pdesign	Cooling @ 35°C		kW	8	9.5	9.5
	Heating @ -10°C		kW	5.4	8.7	8.7
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	400 / 1,758	545 / 3,164	545 / 3,164
Dehumidification Rate			l/h	2.9	3.8	3.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 52	50 / 50	50 / 50
ODU Sound Power Level	Cooling	Rated	dB(A)	68	66	66
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 ~ 50	-20 ~ 52	-20 ~ 52
	Heating	Min. / Max.	°C	-20 ~ 18	-25 ~ 18	-25 ~ 18
INDOOR				US30F.NR0	US36F.NR0	US36F.NR0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42	65 / 47 / 42
Air Flow Rate		H / M / L	m³/min	21 / 17 / 13	25 / 21 / 17	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3	18.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				UUC1.U40	UUD1.U30	UUD3.U30
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	3 / 380-415 / 50
Circuit Breaker		Min.	A	25	40	20
Power Supply Cable (included Earth)			No x mm²	3C x 2.5	3C x 6.0	5C x 2.5
Dimensions	Net	W x H x D	mm	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Weight	Net		kg	57.7	85	85
Compressor	Type		-	Twin Rotary	Inverter Scroll	Inverter Scroll
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq.		kg	1.9 / 1.283	3.0 / 2.025	3.0 / 2.025
	Chargeless		m	20	20	20
Refrigerant	Additional Charging Volume		g/m	55	50	50
	Air Flow Rate	Rated	m³/min x No.	58 x 1	55 x 2	55 x 2
Total Piping Length		Min. / Max.	m	5 / 50	5 / 85	5 / 85
Piping Elevation	IDU - ODU	Max.	m	30	30	30

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 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
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COMPACT INVERTER (R32)

High Performance with Easy Installation

- Solution for small businesses and shops
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Standard for Wi-Fi (Embedded)**
- **Standard for wireless controller with the flooring standing unit.**



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COMBINATION				30	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.6
	Heating	Min. / Rated / Max.	kW	3.1 / 7.7 / 8.5	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.31 / 2.77	0.60 / 3.06 / 3.67
	Heating	Min. / Rated / Max.	kW	0.40 / 2.14 / 2.78	0.60 / 3.0 / 3.72
Running Current	Cooling / Heating	Rated	A	10.1 / 9.3	13.6 / 13.3
EER / COP			kWh / kWh	3.25 / 3.60	3.10 / 3.60
SEER / SCOP			kWh / kWh	6.8 / 4.1	6.4 / 4.1
Pdesign	Cooling @ 35°C		kW	7.5	9.5
	Heating @ -10°C		kW	4.3	5.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	386 / 1,468	520 / 1,980
Dehumidification Rate			l/h	3.0	3.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 ~ 48	-20 ~ 50
	Heating	Min. / Max.	°C	-15 ~ 18	-15 ~ 18
INDOOR				US30F.NR0	US36F.NR0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42
Air Flow Rate		H / M / L	m3/min	21 / 17 / 13	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				UUB1.U20	UUC1.U40
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	20	25
Power Supply Cable (Included Earth)			No x mm ²	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.2 / 0.81	1.9 / 1.283
	Chargeless		m	10	20
	Additional Charging Volume		g/m	40	55
Fan	Air Flow Rate	Rated	m ³ /min x No.	50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5 / 35	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30

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