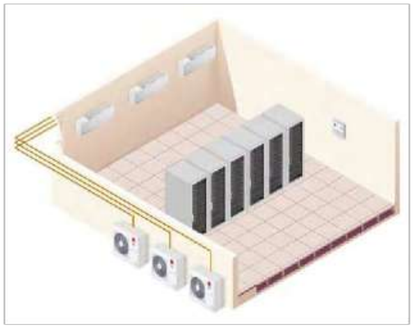
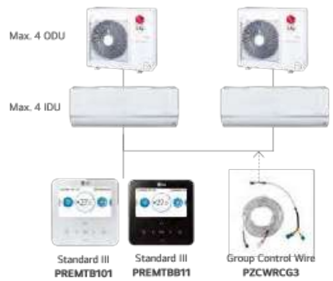
Duty Rotation

Typical Scene

Various capacities of ODU and IDU for the small server room solution.





LG Server Room Cooling Solution Summary
- Purpose : Cooling small sized server room (IDU #2~4 units)
- ODU : Single Split / Multi Split / Multi-V + All type of IDUs
- Various option of choice for ODU and IDU
- Extremely safe and optimal solution for server rooms to cover ODU errors and insufficient capacities.
- Safety functions without any accessories : Duty Rotation, Capacity Back-up, Failure Back up
- Only one (1) remote controller for all (2~4) indoor units.

Applicable Model

PRODUCT		MODEL NAME
Ceiling Mounted Cassette	4 Way	UT09FH.NQ0
		UT12FH.NQ0
		UT18FH.NB0
		UT24FH.NA0
		UT30FH.NA0
		UT36FH.NA0
		UT42FH.NA0
		UT48FH.NA0
		UT60FH.NA0
		CT09F.NR0
		CT12F.NR0
		CT18F.NQ0
		CT24F.NB0
		UT30F.NB0
		UT36F.NA0
		UT42F.NA0
		UT48F.NA0
		UT60F.NA0
Wall Mounted		US30F.NR0
		US36F.NR0
		MJ05PC.NSJ
		MJ07PC.NSJ
		MJ09PC.NSJ
		MJ12PC.NSJ
		MJ15PC.NSJ
		MJ18PC.NSK
		MJ24PC.NSK

PRODUCT		MODEL NAME
Ceiling Concealed Duct	Low Static	UL12FH.N50
		UL18FH.N30
		CL09F.N50
		CL12F.N50
		CL18F.N60
		CL24F.N30
	Mid Static	UM12FH.N10
		UM18FH.N10
		UM24FH.N20
		UM30FH.N20
		UM36FH.N30
		UM42FH.N30
		UM48FH.N30
		CM18F.N10
		CM24F.N10
		UM30F.N10
		UM36F.N20
		UM42F.N20
		UM48F.N30
		UM60F.N30
	High Static	UB70.N95
		UB85.N95

ThinQ™

Users can control air conditioners using Android or iOS-enabled smartphones and voice commands via Google assistant and Amazon's Alexa.

Access your air conditioner anytime and from anywhere

Simple operation for various functions

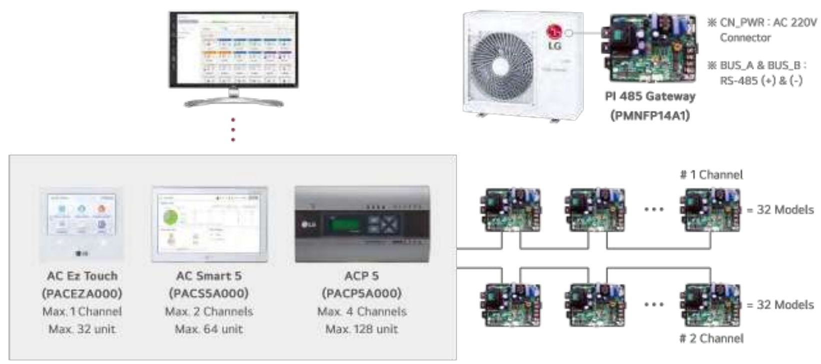
- Air Purify*
- On / Off*
- Mode Selection*
- Current Temperature*
- Set Temperature*
- Set Fan Speed*
- Vane Control

※ Search "ThinQ" on Google or Apple store then download the app.
※ Wi-Fi modem (PWFMDD200) is required by option.
※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

* This functions are used by google assistant
※ In some countries, the use of the google assistant system may be restricted.
- Launched in countries: Germany, UK, Ireland, Austria, Switzerland, France, Spain, Italy, Russia, Norway, Netherlands, Portugal, Turkey, Sweden, Denmark

Easy Control (Central Controller)

PI-485 is a gateway device that provides communication between LG Outdoor Units and LG central controllers such as ACP, AC Smart.



1 Point External Input (On / Off Control)

An indoor unit can be controlled by external devices without a dry contact, so customers can save cost of installation.

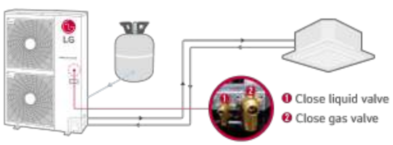
Connection between an indoor unit and external devices directly

※ In case of needing more functions beside on / off control, a dry contact is required to be installed.

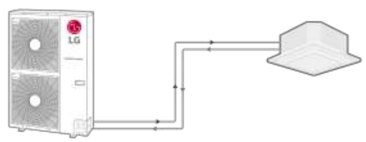
Forced Cooling Operation

This function allows the refrigerant to be recharged or pumped down, regardless of the indoor temperature. Note that this function can be used when indoor units are being moved or repaired.

Recharging



Pump Down



Mobile LGMV

LGMV (Monitoring View) helps engineers to inspect and monitor an air conditioning unit easily.

Install / SVC Engineer　Mobile LGMV

Error Indicator

	Contents
01	Air temperature sensor of an indoor unit
02	Inlet pipe temperature sensor of an indoor unit
03	Communication error : Wired Remote Controller ↔ Indoor Unit
⋮	

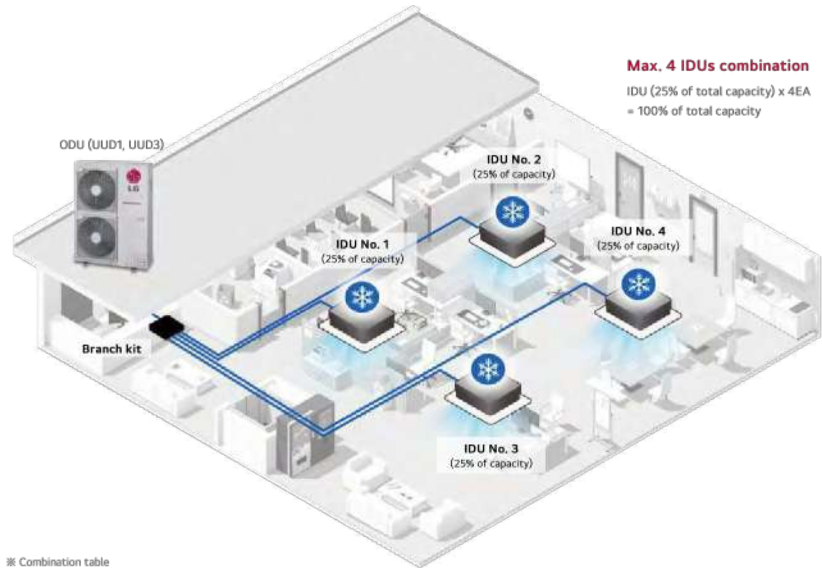
Cycle Monitoring　Diagnosis　Installation　Smart Management

A technician not only can check the cycle information with diagrams & graphs, but also check easily the error status (Troubleshooting guide) and take action immediately.

※ Search "Mobile LGMV" on Google or Apple store then download the app.
※ Wi-Fi modem (PWFMDD200) is required by option.

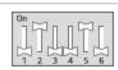
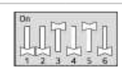
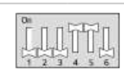
Synchro Function

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.



※ Combination table

2 PMUB11A	3 PMUB111A	4 PMUB1111A
		

Model	Duo		Trio		Quartet	
	Cassette	Duct	Cassette	Duct	Cassette	duct
UUD1, UUD3	CT18F x 2EA	CM18F x 2EA	CT12F x 3EA	CL12F x 3EA	CT12F x 4EA	CL12F x 4EA
	CT24F x 2EA	CM24F x 2EA	CT18F x 3EA	CM18F x 3EA	-	-
	UT30F x 2EA	UM30F x 2EA	-	-	-	-
Branch kit	PMUB11A		PMUB111A		PMUB1111A	
Dip switch						

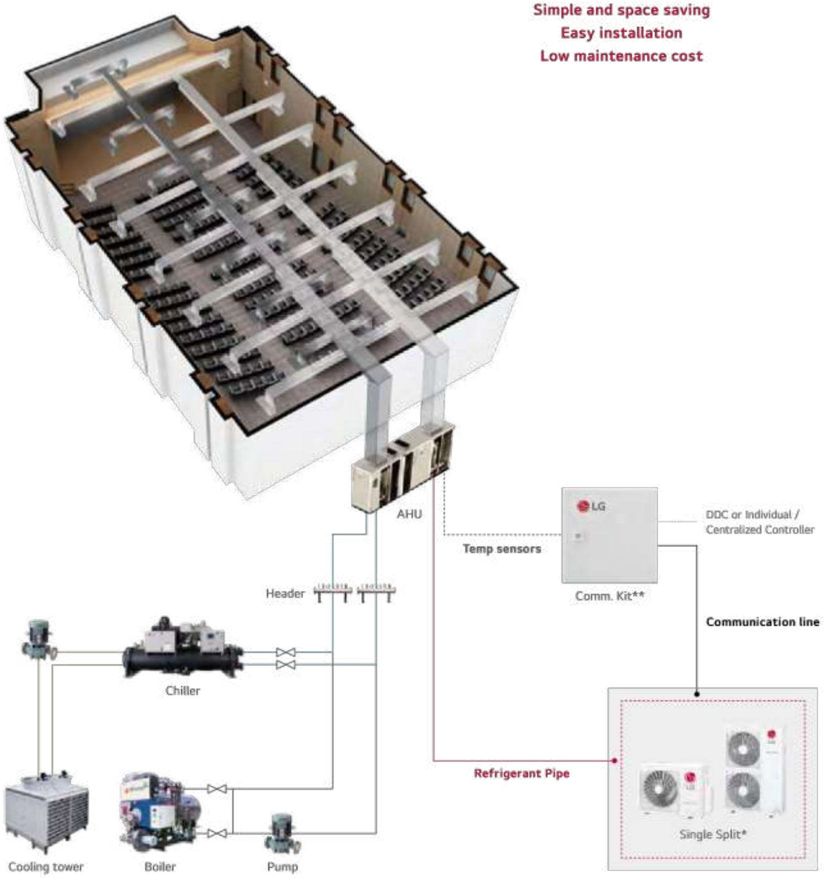
Note
1. Possible indoor units : Single CAC indoor unit series
  • Dry contact & Zone control & Auto changeover is not available which is connected with synchro.
  • When using synchro operation
    - Do not use wireless remote controller.
    - Use only one wired remote controller in the indoor units.
    - Some Central controllers and some functions of central controller can not be available with synchro operation.
2. Branch kits are required for operating Synchro models.

Connection with AHU

Single split can be connected to AHU using communication kit.

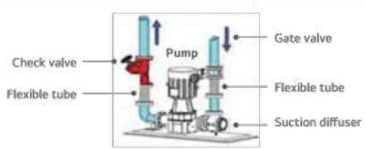
COMPLICATED	SIMPLE

Simple and space saving
Easy installation
Low maintenance cost



* The single model can be applied only to UUB1, UUC1, UUD1, UUD3
** Model name of communication kit
- RA air temperature control : PAHCMR000
- SA air temperature control : PAHCMS000

Complicated piping work



4 Way CST Elevation Grille Panel with Air Purification Kit

Easy-to-clean automatic elevating grille panel, The function of automatic lifting panel and Air purification are implemented in one panel, providing customers with comfortable air as well as maintenance convenience.

Conventional

LG Elevation Grille Panel

Features
1. Floor Obstacle Sensing
2. Left and Right Horizontal Sensing
3. Setting the Stop Position
4. Checking the Grille Closure

Specification

Category		Unit	Catalog Spec
Major	Minor		
Model Name	-	-	PTVK440 ENCXLEU
Panel Type	-	-	Air Purifying & Elevation Grille Kit
Panel Dimension	Net (W x H x D)	mm	842 x 55 x 842
	Shipping (W x H x D)	mm	902 x 150 x 917
Panel Weight	Net	kg	5.6
	Shipping	kg	9.2
Panel Accessory	Elevation Grille Kit	-	O

Category		Unit	Catalog Spec
Major	Minor		
Model Name			PT-AEGW0 ENCXLEU
Panel Type	-	-	Front Panel
Panel Exterior	Glossy / Matt	-	Matt
	Color	-	White
	RAL (Classic)	-	RAL 9003
	Grille Type (Grille / Grid)	-	Grid
Panel Dimension	Net (W x H x D)	mm	950 x 35 x 950
	Shipping (W x H x D)	mm	1,006 x 117 x 1,006
Panel Weight	Net	kg	10.5
	Shipping	kg	12.4
Panel Function	PM1.0 Sensor	-	O
Panel Accessory	Air Purification Kit	-	O
	Elevation Grille Kit	-	PTVK440
	Floor Detection Sensor	-	O
	Human Detection Sensor	-	PTVSAA0

※ This product will be available in 2H '24.
(This function application schedule may be changed without notification).

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.

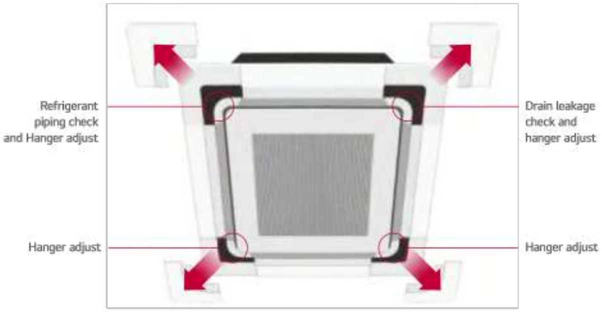
※ Product images may differ from the actual product.

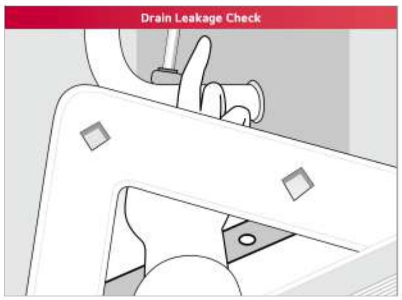
Easy Panel installation

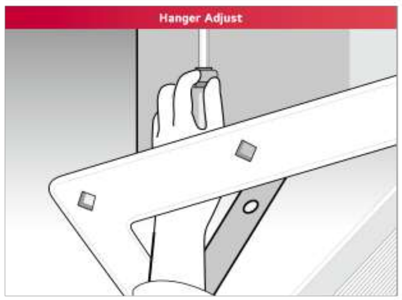
The detachable corner design makes it easy to check leakage and adjust hanger, And it is easy to install the panel to the body.

※ Product images may differ from the actual product.

Detachable Corner Design







One Push Panel

Top Efficiency

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

※ Product images may differ from the actual product.

Ionizer for Mini 4 Way Cassette

The Plasma ion of Ionizer removes unpleasant odors, along with Escherichia coli and Staphylococcus on surfaces, using over 4 million ions. Experience a safer, cleaner indoor environment.

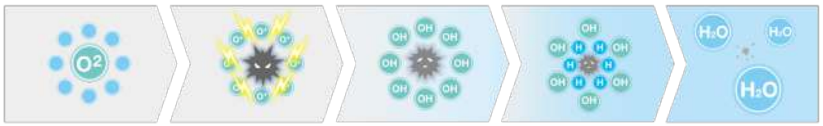
※ Depending on the experimental conditions

※ Product images may differ from the actual product.

How It Works

Reduction and Deodorization (Utilizes Over 4 Million Ions)

Ionizer reduces E.coli and Staphylococcus in the surface with over 4 million ions.



Ion Cluser Generation	Surrounding Harmful Substances	OH Radical Production	Chemical Reaction	Complete Bacteria Removal
Ions are released into the air.	H- and O- bond to harmful particles.	OH radicals inactivate harmful substances.	OH radicals bond with H particles.	H_2O molecules are produced.

Benefit & Verification

The LGE's ionizer has demonstrated the capability to remove more than 99% of bacteria, including Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus.

Test Verification Report

※ Test Summary
Test Date : Jan., 2021
Test Place : LG electronics Inc.
Test Model : MDU621411 (For Mini 4 Way Cassette)
Test Specification : SPS-KACA-002-132※1 (Indoor air cleaners)
- Test Chamber Size : 30L (310 x 310 x 310 mm)
- Test Condition : (25 ± 3)°C, (45 ± 10)%

Model Name	PAS-NATDR2
Input voltage	DC 12 V +_ 10 %
Power consumption	Less than 1.0 W
Ionic weight (Distance of 10 cm)	200 x 10 (3) / CC

H-INVERTER (R32)

High Performance with lower energy consumption

- High SCOP cassette ensures top performance and great energy savings
- 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.
- **Standard for wired remote control**

UT09FH / UT12FH

UUA1.UL0

R32

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	1.6 / 2.5 / 4.0	1.6 / 3.4 / 4.8
	Heating	Min. / Rated / Max.	kW	1.7 / 3.2 / 4.5	1.7 / 4.1 / 5.8
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.32 / 0.61 / 0.98	0.32 / 0.97 / 1.78
	Heating	Min. / Rated / Max.	kW	0.32 / 0.75 / 1.06	0.32 / 1.03 / 1.87
Running Current	Cooling / Heating	Rated	A	2.7 / 3.3	4.3 / 4.6
EER / COP			kWh/kWh	4.10 / 4.30	3.50 / 4.00
SEER / SCOP			kWh/kWh	7.0 / 4.0	6.8 / 4.0
Pdesign	Cooling @ 35°C		kW	2.5	3.4
	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	175 / 980
Dehumidification Rate			l/h	0.1	0.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**UT09FH.NQ0**	**UT12FH.NQ0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	30 / 26 / 22	30 / 26 / 22
Air Flow Rate		H / M / L	m^3/min	11.0 / 10.0 / 9.3	11.0 / 10.0 / 9.3
Dimensions	Body	W x H x D	mm	570 x 256 x 570	570 x 256 x 570
Weight	Body		kg	13.9	13.9
Sound Pressure Level*	Cooling	H / M / L	dB(A)	41 / 39 / 37	41 / 39 / 37
Sound Power Level	Cooling	Max.	dB(A)	54	54
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-QAGW0	PT-QAGW0
	Color		-	White	White
	Dimensions	Body	mm	620 x 34 x 620	620 x 34 x 620
	Weight	Body	kg	3.0	3.0
OUTDOOR				**UUA1.UL0**	
Power Supply			Ø / 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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	
	Chargeless		m	10	
	Additional Charge		g/m	20	
Fan	Air Flow Rate	Rated	m^3/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.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

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
Recommended Decoration Panel**	Model Name		-	PT-QAGW0	PT-QAGW0	PT-QAGW0
	Color		-	White	White	White
	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.UL0**		**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
Refrigerant	Type / GWP (Global Warming Potential)		-	R32/ 675		R32 / 675
	Precharged Amount / t-CO_2eq		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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

COMPACT INVERTER (R32)

Maximize Space Utilization with Compact Size

CT18F

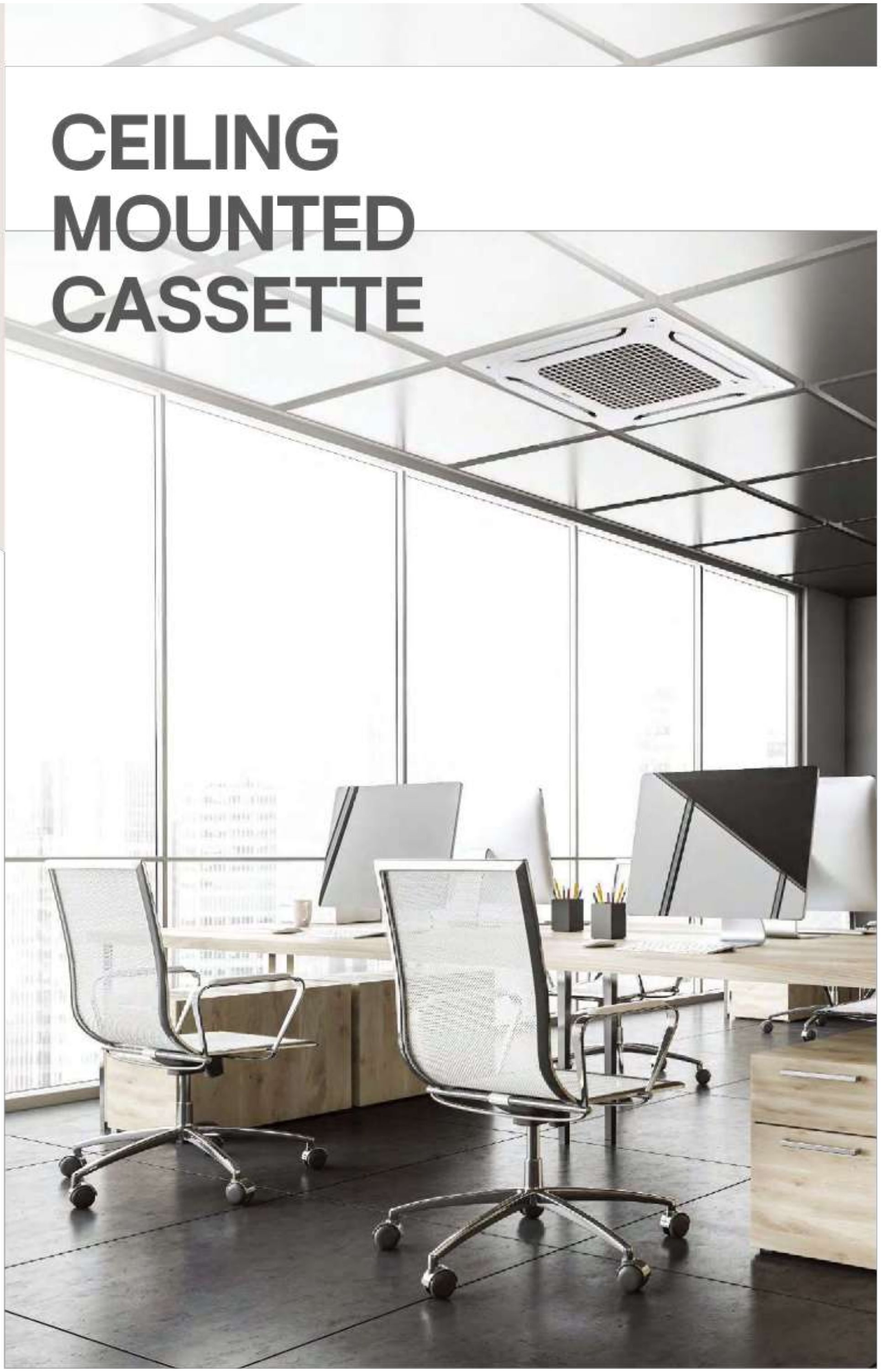
- Solution for small businesses and shops (Only CT18F NQ0)
- **Optional Plasma ion of ionizer deactivates and removes bacteria & viruses in the room and keeps the air clean.** (Only CT18F NQ0)
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile 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.

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

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
Recommended Decoration Panel**	Model Name		-	PT-QAGW0
	Color		-	White
	Dimensions	Body	mm	620 x 34 x 620
	Weight	Body	kg	3.0
OUTDOOR				**UUA1.UL0**
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
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675
	Precharged Amount / t-CO_2eq		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.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

CEILING MOUNTED CASSETTE

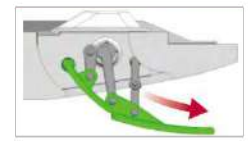


4 Way Air Flow with New Dual Vane Design

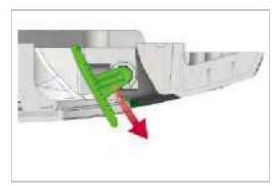
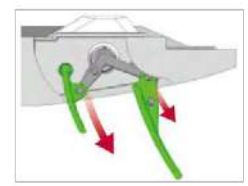
Innovative dual vane designs with the best airflow for various spaces.

New Types of Wind Solutions

Indirect Wind

Normal	Dual Vane
	

Direct Wind

Normal	Dual Vane
	

6 Air Flow Modes

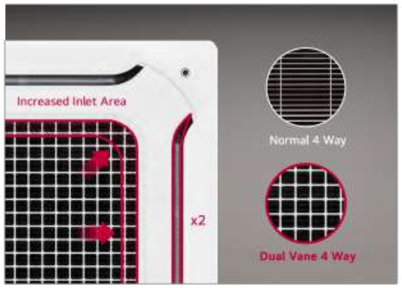
Power Mode	Up / Down Swing	Smart Mode	Indirect Wind	Direct Wind	Refresh Mode
Fast and Quick	Fresh and Natural	Auto Vane Control	Indirect cooling & Heating	Suitable for High Ceiling	Provide high concentration

Brighter Color

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

Wide Design

Bigger inlet and outlet make faster cooling / heating airflow.

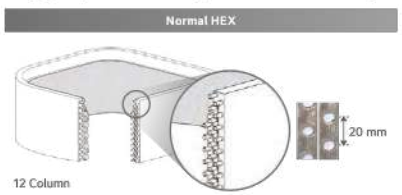


Full 3D Turbo Fan

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.



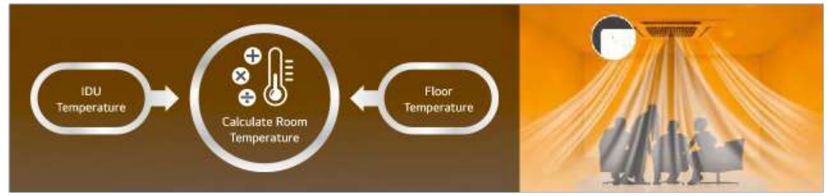
Tube Column	12 Column
Fin per Inch	21

Tube Column	18 Column
Fin per Inch	22

※ This specification can be different as per each model.

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

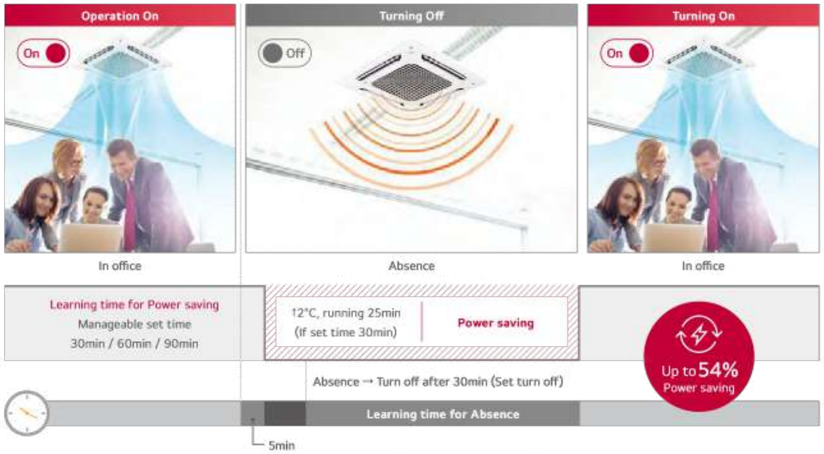
Direct an airflow to a user by sensing.

Direct Wind

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

Human Detecting On / Off Learning Operation System

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



※ Data Based on actual test of LG, single product 2 hours measurement result. (Cooling 26 °C, strong wind)

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.

① Monitoring Air status : Easy to check indoor air status
- Microfine dust / Ultra fine dust / Fine dust
- Day / Week / Month / Yearly

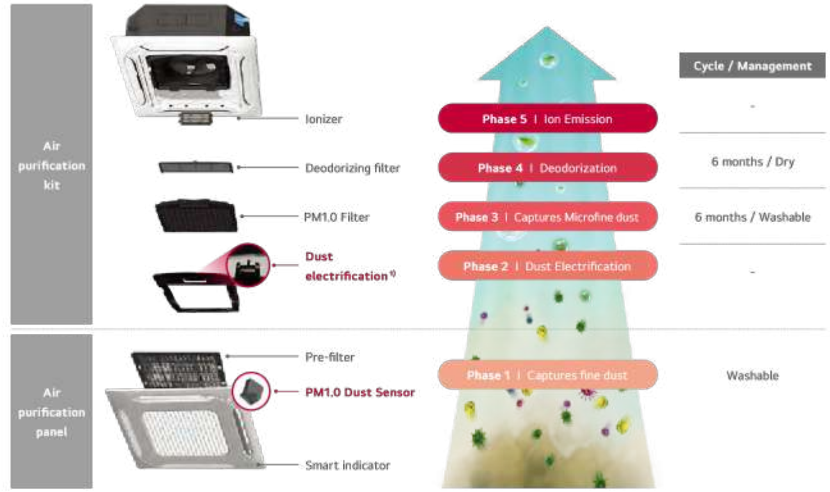
② Mobile Remote Control : Remote control by using mobile phone
- Control Mode / Temperature / Air flow etc.

③ Display Power Consumption : Check power consumption of A/C
- Check energy display
- Set target energy consumption level

※ For our policy of continuous improvement, specification, design and features are subject to change without prior notice.

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.

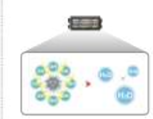
CAC certification?

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.

The Korea Air Cleaning Association

Air Purification Technology

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

1st Step	2nd Step	3rd Step	4th Step	5th Step
Pre filter	Anion Emission	PM1.0 Filter	Deodorization Filter	Ionizer
				
A multi-layer structure removes particles with 2.5 times higher efficiency than general pre-filters, with the amount of particles being reduced by 40%.	Anion increases the electrostatic force of particles, improving the filter's collecting efficiency.	Removes up to 99% of Fine particles to ultrafine particles (Able to remove PM 1.0)	High efficiency gas adsorption technology removes life odor & harmful gases	Deactivates bacteria and virus that cause food poisoning and pneumonia

Individual flap (Vane) Control

User can flexible use Ceiling Mounted Cassette flexibly according to usage space and suits any office configuration.

H-INVERTER (R32)

High Performance with lower energy consumption

- High SCOP cassette ensures top performance and great energy savings
- 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 hygenic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- DualVane, 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.
- **Standard for wired remote control**

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Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 / 5.0 / 6.0	2.7 / 6.8 / 8.3	3.2 / 8.0 / 9.5
	Heating	Min. / Rated / Max.	kW	2.3 / 5.8 / 7.0	3.2 / 7.9 / 9.9	3.6 / 9.0 / 10.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 1.25 / 1.69	0.30 / 1.66 / 2.31	0.40 / 2.12 / 2.82
	Heating	Min. / Rated / Max.	kW	0.30 / 1.47 / 1.98	0.40 / 1.76 / 2.53	0.40 / 2.14 / 2.93
Running Current	Cooling / Heating	Rated	A	7.2 / 7.7	7.4 / 7.8	9.4 / 9.5
EER / COP			kWh/kWh	4.00 / 3.95	4.10 / 4.48	3.77 / 4.20
SEER / SCOP			kWh/kWh	7.6 / 4.4	8.5 / 4.8	7.8 / 4.8
Pdesign	Cooling @ 35°C		kW	5.0	6.8	8
	Heating @ -10°C		kW	4.1	5.5	5.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A+++ / A++	A++ / A++
Annual Energy Consumption	Cooling / Heating		kWh	230 / 1,305	280 / 1,604	359 / 1,604
Dehumidification Rate			l/h	1.9	1.7	2.7
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				**UT18FH.NB0**	**UT24FH.NA0**	**UT30FH.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	33 / 26 / 22	43 / 35 / 28	43 / 35 / 28
Air Flow Rate		H / M / L	m³/min	17.0 / 15.5 / 14.0	23.8 / 21.4 / 19.0	23.8 / 21.4 / 19.0
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	21.1	25.3	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	37 / 36 / 34	42 / 41 / 40	42 / 41 / 40
Sound Power Level	Cooling	Max.	dB(A)	52	56	56
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-AFGW0	PT-AFGW0	PT-AFGW0
	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	7.5	7.5	7.5
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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charge		g/m	20	40	
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.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

H-INVERTER (R32)

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- DualVane, 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.
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**
- **Standard for wired remote control**

UT36FH / UT42FH / UT48FH / UT60FH

UUD1 U30

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

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.1 / 14.5	5.4 / 13.4 / 16.1	6.0 / 15.0 / 16.2
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2	6.2 / 15.5 / 17.8	7.0 / 17.5 / 19.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 2.15 / 3.23	0.60 / 3.14 / 4.24	0.80 / 3.83 / 5.17	0.90 / 4.69 / 5.25
	Heating	Min. / Rated / Max.	kW	0.50 / 2.40 / 3.36	0.70 / 3.29 / 4.28	0.80 / 4.18 / 5.24	1.10 / 5.38 / 6.19
Running Current	Cooling / Heating	Rated	A	9.6 / 10.4	13.8 / 14.4	16.9 / 18.3	20.5 / 23.6
EER / COP			kWh/kWh	4.42 / 4.50	3.85 / 4.10	3.50 / 3.71	3.20 / 3.25
SEER / SCOP			kWh/kWh	7.6 / 4.5	7.4 / 4.5	6.8 / 4.5	6.6 / 4.5
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	15
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	437 / 2,956	981 / 2,956	1,182 / 2,956	1,364 / 2,956
Dehumidification Rate			l/h	2.6	4.8	5.3	6.9
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				**UT36FH.NA0**	**UT42FH.NA0**	**UT48FH.NA0**	**UT60FH.NA0**
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	70 / 59 / 50	70 / 59 / 50	81 / 60 / 50	81 / 60 / 50
Air Flow Rate		H / M / L	m³/min	28 / 25 / 23	28 / 25 / 23	30 / 27 / 24	30 / 27 / 24
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	27.2	27.2	27.2	27.2
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	45 / 43 / 41	45 / 43 / 41
Sound Power Level	Cooling	Max.	dB(A)	59	59	61	61
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-AFGW0	PT-AFGW0	PT-AFGW0	PT-AFGW0
	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	7.5	7.5	7.5	7.5
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			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO₂eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	40			
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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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.
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- 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.
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**
- **Standard for wired remote control**

UT36FH / UT42FH / UT48FH / UT60FH

UUD3.U30

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: www.eurovent-certification.com

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.1 / 14.5	5.4 / 13.4 / 16.1	6.0 / 15.0 / 16.2
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2	6.2 / 15.5 / 17.8	7.0 / 17.5 / 19.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 2.15 / 3.23	0.60 / 3.14 / 4.24	0.80 / 3.83 / 5.17	0.90 / 4.69 / 5.25
	Heating	Min. / Rated / Max.	kW	0.50 / 2.40 / 3.36	0.70 / 3.29 / 4.28	0.80 / 4.18 / 5.24	1.10 / 5.38 / 6.19
Running Current	Cooling / Heating	Rated	A	3.6 / 3.8	4.9 / 5.1	6.0 / 6.5	7.3 / 8.2
EER / COP			kWh/kWh	4.42 / 4.50	3.85 / 4.10	3.50 / 3.71	3.20 / 3.25
SEER / SCOP			kWh/kWh	7.6 / 4.5	7.4 / 4.5	6.8 / 4.5	6.6 / 4.5
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	15
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	437 / 2,956	981 / 2,956	1,182 / 2,956	1,364 / 2,956
Dehumidification Rate			l/h	2.6	4.8	5.3	6.9
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				**UT36FH.NA0**	**UT42FH.NA0**	**UT48FH.NA0**	**UT60FH.NA0**
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	70 / 59 / 50	70 / 59 / 50	81 / 60 / 50	81 / 60 / 50
Air Flow Rate		H / M / L	m³/min	28 / 25 / 23	28 / 25 / 23	30 / 27 / 24	30 / 27 / 24
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	27.2	27.2	27.2	27.2
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	45 / 43 / 41	45 / 43 / 41
Sound Power Level	Cooling	Max.	dB(A)	59	59	61	61
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-AFGW0	PT-AFGW0	PT-AFGW0	PT-AFGW0
	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	7.5	7.5	7.5	7.5
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			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO₂eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	40			
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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

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 hygenic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- DualVane, 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

CT24F / UT30F

UUC1.U40

R32

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

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 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-AAGW0	PT-AAGW0
	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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.9 / 1.283	
	Chargeless		m	20	
	Additional Charge		g/m	40	
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.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

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 hygenic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- DualVane, 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)**

UT36F / UT42F / UT48F / UT60F

UUD1.U30

R32

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 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.NA0**	**UT42F.NA0**	**UT48F.NA0**	**UT60F.NA0**
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-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				**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			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	40			
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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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 g
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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.
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- DualVane, Optimized control two separate vanes provides longer stream wind, faster cooling/heating and Indirect airflow, etc
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- 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)**

UT36F / UT42F / UT48F / UT60F

UUD3.U30

3Phase

R32

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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 / 14.6 / 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 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.NA0	UT42F.NA0	UT48F.NA0	UT60F.NA0
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-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	Net		kg	85.0			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	40			
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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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.
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COMPACT INVERTER (R32)

Maximize Space Utilization with Compact Size

CT24F, UT30F, UT36F

- Optional Human Detecting sensor (Presence sensor) provides an adapted airflow (Direct or Indirect Airflow)
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- Optional Air Purification kit, ensuring a health and hygenic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- DualVane, 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

CT24F / UT30F / UT36F

UUB1 U20 UUC1 U40

R32

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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 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.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	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	Body		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	Net		kg	44.5		57.7
Compressor	Type		-	Twin Rotary		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81		1.9 / 1.283
	Chargeless		m	10		20
	Additional Charge		g/m	40		40
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 :

1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

Cassette Panel

PT-AAGW0
PT-AFGW0

PT-QAGW0

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	O	Optional	Optional	X	Optional	X	X
PT-AFGW0	O	Optional	Optional	Optional	Optional	O	O
PT-QAGW0	X	Optional	X	X	X	X	X

Specification

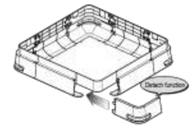
Model	Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)		
					W	H	D
PT-AAGW0	Grid	White (RAL 9003)	-	7.1	950	35	950
PT-AFGW0	Grid	White (RAL 9003)	-	7.5	950	35	950
PT-QAGW0	Grid	White (RAL 9003)	-	3.0	620	34	620

Air Purification Kit

Model	Type	Image	Model Name	Dielectric Dust Collecting Filter	Photocatalytic Deodorizing Filter	HVPS	Ionizer
Air Purification Kit	4 Way		PTAHMP0	 O	O	O	O

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
- Covers the side area of cassette
- Gives elegant looks
- Light weight

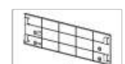
Specification

Model	Front Panel		Weight (kg)		Dimensions (mm)		
			NET	Gross	W	H	D
PTDCA	PT-AAGW0	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


Cover A (4 units)


Cover B (4 units)


Screw (32 units)


Cover C (4 units)


Cover D (4 units)


Installation Manual

ROUND CASSETTE

Slim and Compact Design

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

Other Brand

LG Round Cassette

※ Product : 11 / 13.4kW

Minimal Exposure Design

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

Other Brand

LG Round Cassette

reddot award 2019 winner

PIN UP DESIGN AWARDS

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

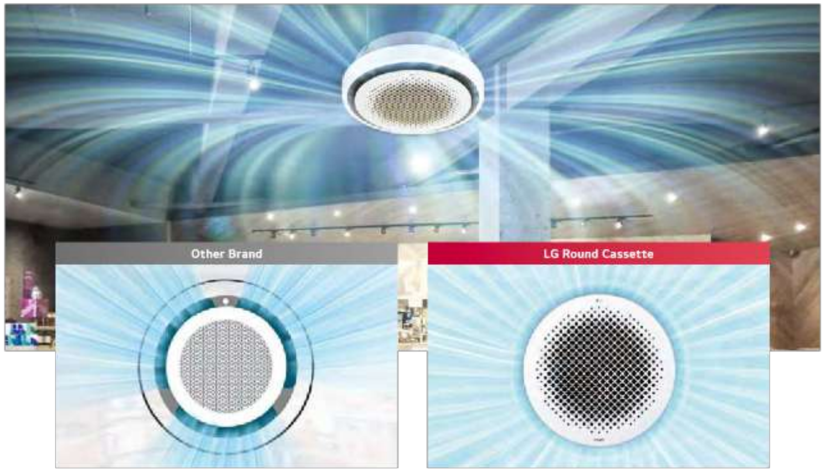
Crystal vane allows for 6-step precision control for cool and warm airflow in every direction.

Other Brand

LG Round Cassette

Perfect Round Airflow

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



3 Way airflow with with a blind spot.

Perfect circular airflow without blind spots.

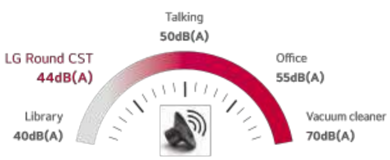
Quiet Operation

LG Round cassette makes the space quieter.

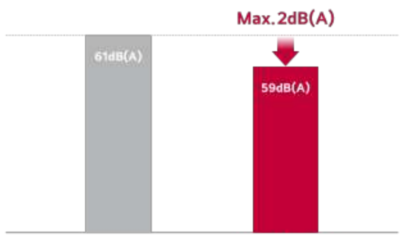
Sound Pressure

Normal communication
Noise level 50dB(A)

Library
Noise level 40dB(A)



Sound Power



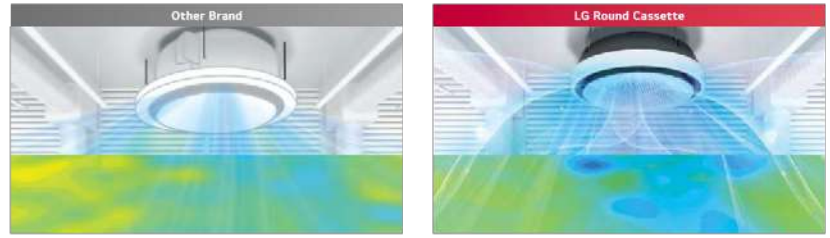
Sound power levels (cooling)_dB(A)

Other Brands	LG Round Cassette
61	Max. 59

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

Faster in Cooling

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



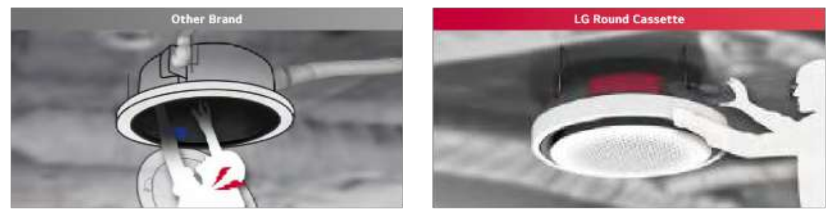
Set temperature reach time is 18 minutes (Height 1.1m)

Set temperature reach time is 12 minutes (Height 1.1m)

※ Based on test results from LG chamber, this image is designed to help customers understand.
Experimental environment : height 3.2m, 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.



Inconvenient installation
Inside control box / hard to installation

Convenient installation
Outside control box / easy to installation

Embedded Humidity Sensor

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

Simple Setting

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

Function Button

Comfort Cooling Icon

❷ Press the 'Set' button

Set Button

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 hygenic 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)**

UT36F NY0 / UT48F NY0

UUD1.U30

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 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)	Ø 9.52 (3/8) / Ø 15.88 (5/8)	Ø 9.52 (3/8) / Ø 15.88 (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.NY0**	**UT48F.NY0**
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	m^3/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	Ø 32.0 / 25.0	Ø 32.0 / 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 mm^2	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_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	40	
Fan	Air Flow Rate	Rated	m^3/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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

Wide Application with diverse design range

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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)**

UT36F NY0 / UT48F NY0

UUD3.U30

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Check ongoing validity of certification
: www.eurovent-certification.com

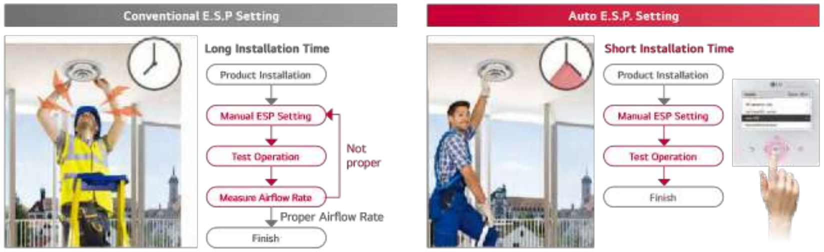
COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling / Heating	Rated	A	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 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)	Ø 9.52 (3/8) / Ø 15.88 (5/8)	Ø 9.52 (3/8) / Ø 15.88 (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.NY0**	**UT48F.NY0**
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	m^3/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	Ø 32.0 / 25.0	Ø 32.0 / 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 mm^2	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_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	40	
Fan	Air Flow Rate	Rated	m^3/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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

CEILING CONCEALED DUCT

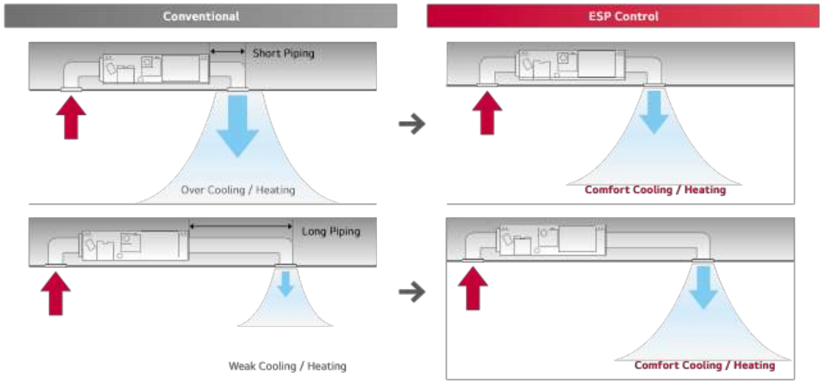
Auto ESP Setting

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



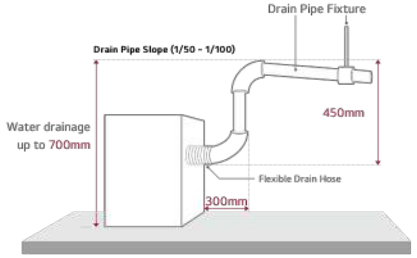
External Static Pressure (ESP) Control

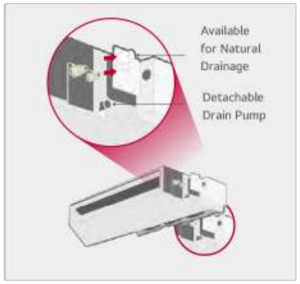
A user can easily access the air volume selection via a remote controller using the ESP control function. Function by manual. The BLDC motor can control fan speed and air volume. No additional accessories are necessary to control the air flow.



High Head Drain Pump

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

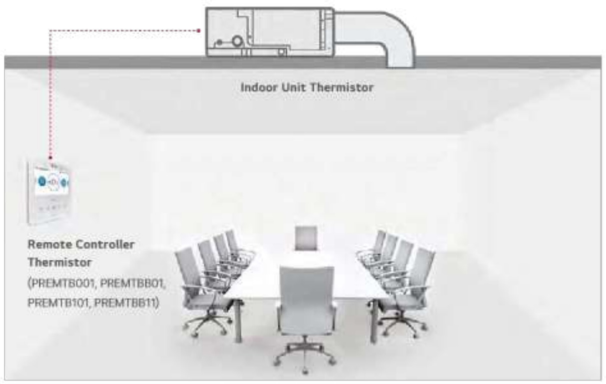




※ Standard Inverter : Accessory (ABDPG) / Low-Static Duct : Included
※ Required by option for Standard / Compact Inverter high static pressure models.

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.



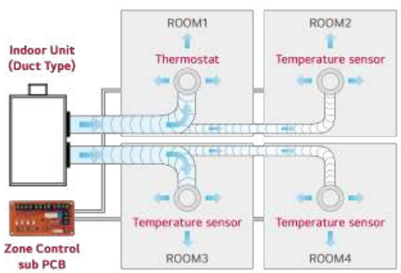
Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users.

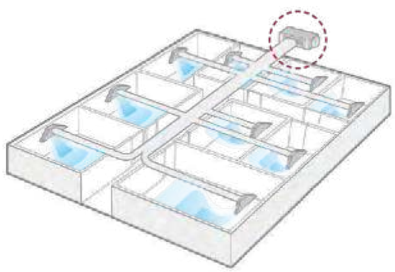
Operation for Multiple Rooms

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 24V)
- Maintain proper air volume of each zone
- Auto variation of dampers
- Auto control of fan speed and On / Off operation

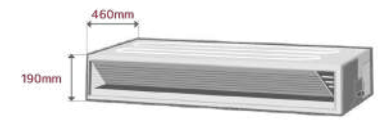




Minimized Height and Depth

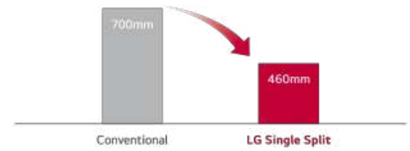
New Low Static ducts provide ideal solution for installation in limited space.

Low Static Duct



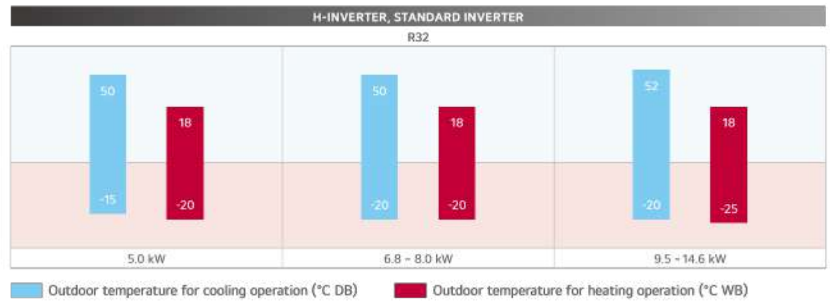
※ CL09F N50, CL12F N50, CL18F N60, UL12FH N50 only

Depth



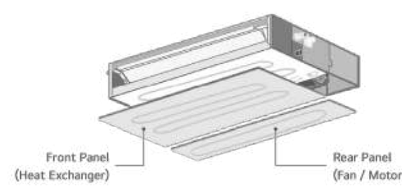
※ 2.5 / 3.4 / 5 kW

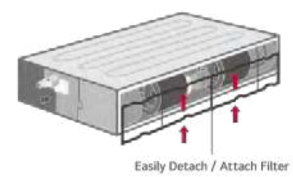
Wide Operation Range



Easy Service & Maintenance

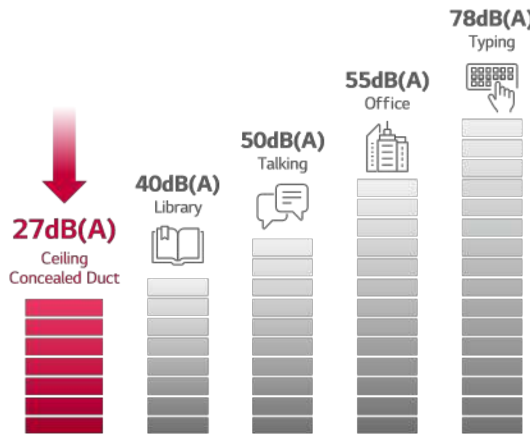
Users are not required to disassemble the whole panel for maintenance; since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.





Quiet Operation (Low Static Pressure Model)

The noise level of low static ducts have been reduced, even though ESP has been increased.

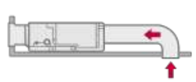


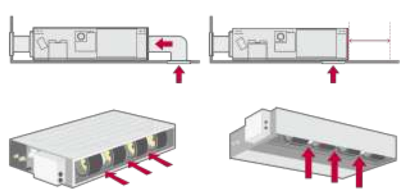
		CL09F.N50	CL12F.N50	CL18F.N60	CL24F.N30
Sound Pressure (High / Medium / Low)	dB(A)	35 / 30 / 27	35 / 30 / 27	34 / 31 / 29	39 / 35 / 32

Flexible Installation (Low Static Pressure Model)

Standard Inverter low static duct allows the air intake at the rear or bottom under installation condition.

Conventional	Low Static Duct
Air intake at the only rear	Air intake at the rear or bottom





H-INVERTER (R32)

High Performance with a height of only 190mm

- 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)
- 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.
- Quite Operation (Low speed base by Sound pressure)
- 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 700mm lift increases flexibility and the perfect solution for draining of water
- **Standard for wired remote control**

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Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				12	18
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 3.4 / 4.7	2.0 / 5.0 / 6.0
	Heating	Min. / Rated / Max.	kW	1.8 / 4.0 / 4.9	2.3 / 5.8 / 7.0
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.33 / 1.05 / 1.84	0.30 / 1.39 / 1.88
	Heating	Min. / Rated / Max.	kW	0.33 / 1.08 / 1.63	0.30 / 1.56 / 2.12
Running Current	Cooling / Heating	Rated	A	4.7 / 4.8	7.6 / 8.1
EER / COP			kWh / kWh	3.23 / 3.71	3.60 / 3.71
SEER / SCOP			kWh / kWh	6.1 / 4.0	6.5 / 4.1
Pdesign	Cooling @ 35°C		kW	3.4	5
	Heating @ -10°C		kW	2.9	4.1
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	195 / 1,015	269 / 1,400
Dehumidification Rate			l/h	0.8	2.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	47 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	63
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**UL12FH.N50**	**UL18FH.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	21 / 15 / 13	140 / 125 / 100
Air Flow Rate		H / M / L	m³/min	11.5 / 9.5 / 8	18.5 / 15 / 11
Dimensions	Body	W x H x D	mm	900 x 190 x 460	1,100 x 190 x 700
Weight	Body		kg	18	26.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	35 / 30 / 27	38 / 34 / 31
Sound Power Level	Cooling	Max	dB(A)	55	56
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**	**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
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	1.2 / 0.81
	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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

H-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.
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- 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 700mm lift increases flexibility and the perfect solution for draining of water
- **Standard for wired remote control**

MID STATIC PRESSURE
UM12FH / UM18FH / UM24FH / UM30FH

UUA1.UL0 UUB1.U20 UUC1.U40

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Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				12	18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	1.6 / 3.5 / 5.1	2.0 / 5.0 / 6.0	2.7 / 6.8 / 8.3	3.1 / 7.8 / 9.3
	Heating	Min. / Rated / Max.	kW	1.6 / 4.0 / 5.8	2.3 / 5.8 / 7.0	3.0 / 7.5 / 9.4	3.6 / 9.0 / 10.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.32 / 1.03 / 1.93	0.30 / 1.26 / 1.70	0.40 / 1.84 / 2.56	0.50 / 2.25 / 2.99
	Heating	Min. / Rated / Max.	kW	0.32 / 0.98 / 1.85	0.30 / 1.49 / 2.01	0.40 / 1.75 / 2.52	0.50 / 2.27 / 3.11
Running Current	Cooling / Heating	Rated	A	4.6 / 4.3	7.3 / 7.8	8.2 / 7.8	10.0 / 10.1
EER / COP			kWh / kWh	3.40 / 4.10	3.96 / 3.89	3.70 / 4.28	3.51 / 3.97
SEER / SCOP			kWh / kWh	6.1 / 3.9	6.6 / 4.2	6.8 / 4.3	6.6 / 4.3
Pdesign	Cooling @ 35°C		kW	3.5	5	6.8	7.8
	Heating @ -10°C		kW	2.8	4.4	5.4	5.4
Seasonal Energy Label	Cooling / Heating		-	A++ / A	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	201 / 1,005	265 / 1,467	350 / 1,758	419 / 1,758
Dehumidification Rate			l/h	0.4	1.3	1.2	2.2
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	63	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	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	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 ~ 50	-15 ~ 50	-20 ~ 50	-20 ~ 50
	Heating	Min. / Max.	°C	-20 ~ 18	-20 ~ 18	-20 ~ 18	-20 ~ 18
INDOOR				**UM12FH.N10**	**UM18FH.N10**	**UM24FH.N20**	**UM30FH.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	150 / 130 / 110	180 / 150 / 130	134 / 101 / 80	134 / 101 / 80
Air Flow Rate		H / M / L	m³/min	16.5 / 14.5 / 13	17.5 / 16 / 14	28 / 24 / 21	28 / 24 / 21
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700	1,250 x 270 x 700	1,250 x 270 x 700
Weight	Body		kg	25.4	27.0	39.3	39.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32	34 / 33 / 32	34 / 33 / 32
Sound Power Level	Cooling	Max.	dB(A)	56	60	59	59
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.UL0**	**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	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		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	40	
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	

* : 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.
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.
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H-INVERTER (R32)

High Performance with Auto ESP Control

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- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**
- **Standard for wired remote control**

MID STATIC PRESSURE
UM36FH / UM42FH / UM48FH

UUD1 U30

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

COMBINATION				36	42	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.0 / 14.4	5.4 / 13.4 / 16.1
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2	6.2 / 15.5 / 17.8
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.39	0.70 / 3.38 / 4.56	0.80 / 4.12 / 5.56
	Heating	Min. / Rated / Max.	kW	0.50 / 2.57 / 3.60	0.70 / 3.51 / 4.56	0.80 / 4.18 / 5.24
Running Current	Cooling / Heating	Rated	A	10.0 / 11.3	14.9 / 15.3	18.1 / 18.4
EER / COP			kWh / kWh	4.20 / 4.20	3.55 / 3.85	3.25 / 3.71
SEER / SCOP			kWh / kWh	6.4 / 4.2	6.2 / 4.1	6.1 / 4.1
Pdesign	Cooling @ 35°C		kW	9.5	12	13.4
	Heating @ -10°C		kW	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	-
Annual Energy Consumption	Cooling / Heating		kWh	520 / 3,167	677 / 3,244	1,318 / 3,244
Dehumidification Rate			l/h	2.0	4.2	4.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69
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 ~ 52	-20 ~ 52	-20 ~ 52
	Heating	Min. / Max.	°C	-25 ~ 18	-25 ~ 18	-25 ~ 18
INDOOR				**UM36FH.N30**	**UM42FH.N30**	**UM48FH.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	242 / 159 / 124	242 / 159 / 124	242 / 159 / 124
Air Flow Rate		H / M / L	m³/min	40 / 34 / 28	40 / 34 / 28	40 / 34 / 28
Dimensions	Body	W x H x D	mm	1,250 x 360 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Body		kg	44.3	44.3	44.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	39 / 38 / 36	39 / 38 / 36	39 / 38 / 36
Sound Power Level	Cooling	Max.	dB(A)	65	65	65
Piping Connections	Drain	O.D. / I.D.	mm	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	85.0		
Compressor	Type		-	Inverter Scroll		
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025		
	Chargeless		m	20		
	Additional Charging Volume		g/m	40		
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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   - 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.
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- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**
- **Standard for wired remote control**

MID STATIC PRESSURE
UM36FH / UM42FH / UM48FH

UUD3.U30

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: www.eurovent-certification.com

COMBINATION				36	42	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 - 9.5 - 12.8	4.8 - 12.0 - 14.4	5.4 - 13.4 - 16.1
	Heating	Min. / Rated / Max.	kW	4.3 - 10.8 - 13.7	5.4 - 13.5 - 16.2	6.2 - 15.5 - 17.8
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 - 2.26 - 3.39	0.70 - 3.38 - 4.56	0.80 - 4.12 - 5.56
	Heating	Min. / Rated / Max.	kW	0.50 - 2.57- 3.60	0.70 - 3.51 - 4.56	0.80 - 4.18 - 5.24
Running Current	Cooling / Heating	Rated	A	3.8 / 4.1	5.3 / 5.5	6.5 / 6.5
EER / COP			kWh / kWh	4.20 / 4.20	3.55 / 3.85	3.25 / 3.71
SEER / SCOP			kWh / kWh	6.4 / 4.2	6.2 / 4.1	6.1 / 4.1
Pdesign	Cooling @ 35°C		kW	9.5	12	13.4
	Heating @ -10°C		kW	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	-
Annual Energy Consumption	Cooling / Heating		kWh	520 / 3,167	677 / 3,244	1,318 / 3,244
Dehumidification Rate			l/h	2.0	4.2	4.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69
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 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18
INDOOR				UM36FH.N30	UM42FH.N30	UM48FH.N30
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	242 / 159 / 124	242 / 159 / 124	242 / 159 / 124
Air Flow Rate		H / M / L	m³/min	40 / 34 / 28	40 / 34 / 28	40 / 34 / 28
Dimensions	Body	W x H x D	mm	1,250 x 360 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Body		kg	44.3	44.3	44.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	39 / 38 / 36	39 / 38 / 36	39 / 38 / 36
Sound Power Level	Cooling	Max.	dB(A)	65	65	65
Piping Connections	Drain	O.D. / I.D.	mm	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		85.0	
Compressor	Type		-		Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-		R32 / 675	
	Precharged Amount / t-CO_2eq		kg		3.0 / 2.025	
	Chargeless		m		20	
	Additional Charging Volume		g/m		40	
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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

High Performance with a height of only 190mm

- 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)
- Quite 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 700mm lift increases flexibility and the perfect solution for draining of water

LOW STATIC PRESSURE
CL09F / CL12F / CL18F / CL24F

UUA1.UL0 UUB1.U20 UUC1.U40

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

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 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)		H / M / L	W	21 / 15 / 13	21 / 15 / 13	100 / 90 / 80	150 / 130 / 110
Air Flow Rate		H / M / L	m³/min	11.5 / 9.5 / 8	11.5 / 9.5 / 8	15 / 12 / 10	20 / 16 / 12
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
Weight	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.UL0		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	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		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	40
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

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

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 700mm lift increases flexibility and the perfect solution for draining of water

MID STATIC PRESSURE
CM18F / CM24F / UM30F

UUB1.U20

UUC1.U40

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 / 6.8 / 8.0	3.1 / 7.8 / 9.0
	Heating	Min. / Rated / Max.	kW	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0	3.6 / 9.0 / 10.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 1.33 / 1.86	0.40 / 1.95 / 2.69	0.40 / 2.23 / 3.03
	Heating	Min. / Rated / Max.	kW	0.40 / 1.76 / 2.46	0.50 / 2.27 / 3.29	0.50 / 2.64 / 3.33
Running Current	Cooling / Heating	Rated	A	7.4 / 8.3	8.7 / 10.1	9.9 / 11.7
EER / COP			kWh / kWh	3.75 / 3.30	3.49 / 3.31	3.50 / 3.41
SEER / SCOP			kWh / kWh	6.4 / 4.1	6.6 / 3.9	6.1 / 4.0
Pdesign	Cooling @ 35°C		kW	5	6.8	7.8
	Heating @ -10°C		kW	4.1	5.4	5.4
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	273 / 1,400	361 / 1,938	448 / 1,890
Dehumidification Rate			l/h	1.2	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.N10	CM24F.N10	UM30F.N10
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	150 / 130 / 110	180 / 150 / 130	220 / 200 / 180
Air Flow Rate		H / M / L	m³/min	16.5 / 14.5 / 13	18 / 16.5 / 14.5	22 / 20 / 18
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700
Weight	Body		kg	24.6	24.6	26.2
Sound Pressure Level*	Cooling	H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32	37 / 35 / 34
Sound Power Level	Cooling	Max.	dB(A)	59	60	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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	40	
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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

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 700mm lift increases flexibility and the perfect solution for draining of water
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

MID STATIC PRESSURE
UM36F / UM42F / UM48F / UM60F

UUD1.U30

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

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 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.N20	UM42F.N20	UM48F.N30	UM60F.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)		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
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				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			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	40			
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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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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

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 700mm lift increases flexibility and the perfect solution for draining of water
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

MID STATIC PRESSURE
UM 36F / UM42F / UM48F / UM60F

UUD3.U30

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 / 12.0 / 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 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.N20	UM42F.N20	UM48F.N30	UM60F.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)		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
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	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			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	40			
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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

COMPACT INVERTER (R32)

High Performance with a height of only 190mm

- 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)
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Quite Operation (Low speed base by Sound pressure)
- 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 700mm lift increases flexibility and the perfect solution for draining of water

LOW STATIC PRESSURE
CL18F / CL24F

UUA1.UL0 UUB1.U20

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

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 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)		H / M / L	W	100 / 90 / 80	150 / 130 / 110
Air Flow Rate		H / M / L	m³/min	15 / 12 / 10	20 / 16 / 12
Dimensions	Body	W x H x D	mm	1,100 x 190 x 460	1,100 x 190 x 700
Weight	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.UL0	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
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

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 700mm lift increases flexibility and the perfect solution for draining of water

MID STATIC PRESSURE
CM18F / CM24F / UM30F / UM36F

UUA1.UL0 UUB1.U20 UUC1.U40

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 / 5.6	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 / 5.5 / 6.7	3.0 / 7.4 / 8.5	3.2 / 8.0 / 8.8	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.35 / 1.67 / 1.92	0.50 / 2.34 / 2.81	0.50 / 2.57 / 3.08	0.60 / 3.16 / 3.86
	Heating	Min. / Rated / Max.	kW	0.32 / 1.57 / 1.77	0.40 / 2.17 / 2.82	0.50 / 2.25 / 2.93	0.60 / 3.03 / 3.48
Running Current	Cooling / Heating	Rated	A	7.4 / 7.0	10.3 / 9.7	11.0 / 9.7	14.0 / 13.4
EER / COP			kWh / kWh	3.00 / 3.50	2.91 / 3.41	2.92 / 3.56	3.01 / 3.57
SEER / SCOP			kWh / kWh	6.1 / 3.8	5.8 / 4.1	5.6 / 3.9	5.9 / 4.0
Pdesign	Cooling @ 35°C		kW	5	6.8	7.5	9.5
	Heating @ -10°C		kW	2.8	4.1	4.3	5.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A	A+ / A+	A+ / A	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	287 / 1,032	410 / 1,400	469 / 1,544	564 / 1,924
Dehumidification Rate			l/h	1.2	2.5	2.6	3.2
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				**CM18F.N10**	**CM24F.N10**	**UM30F.N10**	**UM36F.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	150 / 130 / 110	180 / 150 / 130	220 / 200 / 180	183 / 134 / 101
Air Flow Rate		H / M / L	m^3/min	16.5 / 14.5 / 13	18 / 16.5 / 14.5	22 / 20 / 18	32 / 28 / 24
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	1,250 x 270 x 700
Weight	Body		kg	24.6	24.6	26.2	38.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32	37 / 35 / 34	36 / 34 / 33
Sound Power Level	Cooling	Max.	dB(A)	59	60	62	60
Piping Connections	Drain	O.D. / I.D.	mm	Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4
OUTDOOR				**UUA1.UL0**	**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 mm^2	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		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1 / 0.675	1.2 / 0.81		1.9 / 1.283
	Chargeless		m	10	10		20
	Additional Charging Volume		g/m	20	40		40
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	50 x 1		58 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35		5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30		30

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R410A)

Big Capacity of Concealed Duct

- 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)
- 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.

HIGH STATIC PRESSURE
UB70 / UB85

UU70W UU85W

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

INDOOR				UB70.N95	UB85.N95
Capacity	Cooling	Min. / Nom. / Max.	kW	7.6 / 19.0 / 20.9	9.2 / 23.0 / 25.3
	Heating	Min. / Nom. / Max.	kW	9.0 / 22.4 / 24.6	10.8 / 27.0 / 29.7
Low Temperature Capacity	Heating -7°C	Max.	kW	18.0	24.0
Power Input (Set)	Cooling	Nom.	kW	6.69	8.19
	Heating	Nom.	kW	6.4	8.31
Power Input (Indoor)		Min. / Max. (Nom ESP)	W	550 / 760	610 / 920
Running Current	Cooling / Heating	Nom.	A	11.5 / 10.7	13.5 / 13.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				2.84	2.81
COP				3.50	3.25
SEER				4.90	4.80
SCOP				3.53	3.51
Pdesign (@ -10°C)			kW	13.4	18.5
Seasonal Energy Label	Cooling / Heating			-	-
Annual Energy Consumption	Cooling / Heating		kWh	-	-
Piping Connection	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø25.4 (1/1)	Ø12.7 (1/2) / Ø22.2 (7/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m^3/min	70.0 / 65.0 / 60.0	80.0 / 72.0 / 64.0
Sound Pressure*	Cooling	High / Medium / Low	dB(A)	43 / 41 / 40	43 / 41 / 40
Sound Power	Cooling	Max.	dB(A)	73	75
Dehumidification Rate			l/h	1.81 (4.2)	5.14 (11.9)
Dimensions	Body	W x H x D	mm	1,563 x 460 x 688	1,563 x 460 x 688
Net Weight	Body		kg	90.0	90.0
External Static Pressure		Min. / Max.	mmAq(Pa)	6 / 25 (60 / 250)	6 / 25 (60 / 250)
OUTDOOR				**UU70W.U34**	**UU85W.U74**
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll
Airflow Rate		Nom.	m^3/min	110	190
Sound Pressure*	Cooling	Nom.	dB(A)	55	59
	Heating	Nom.	dB(A)	58	60
Sound Power	Cooling	Max.	dB(A)	75	75
Dimensions	W x H x D		mm	950 x 1,380 x 330	1,090 x 1,625 x 380
Net Weight			kg	110	144.0
Refrigerant	Type		-	R410A	R410A
	Charge		g	5,200	5,500
	Additional Charge		g/m	70	70
	GWP		-	2087.5	2087.5
	t-CO_2eq		-	10.9	11.5
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-20 / 48	-20 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm^2	5C x 2.5	5C x 2.5
Transmission Cable			No. x mm^2	4C x 1.0	4C x 1.0
Circuit Breaker			A	30	30
Piping Length Total		Min. / Max.	m	5 / 75	5 / 75
Piping Elevation Difference	IDU - ODU	Max.	m	30	30
Piping Connection	Liquid / Gas		mm (inch)	Ø9.53 (3/8) / Ø25.4 (1/1)	Ø12.7 (1.2) / Ø22.2 (7/8)

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
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. (R410A)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

CEILING SUSPENDED

Differentiated Design

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

Powerful Cooling & Heating

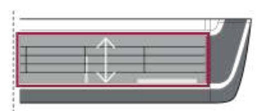
High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m away from ceiling.

Airflow path and improved heat exchanger's performance.

Outlet Space

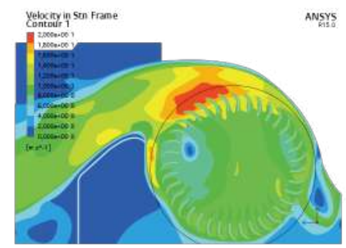
Conventional

Current



115% ENLARGED

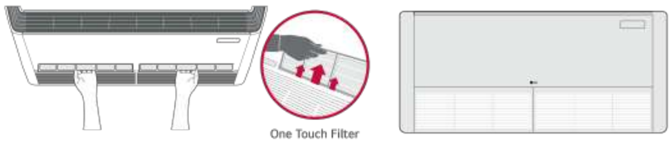
Optimized the Airflow Path



105% IMPROVED

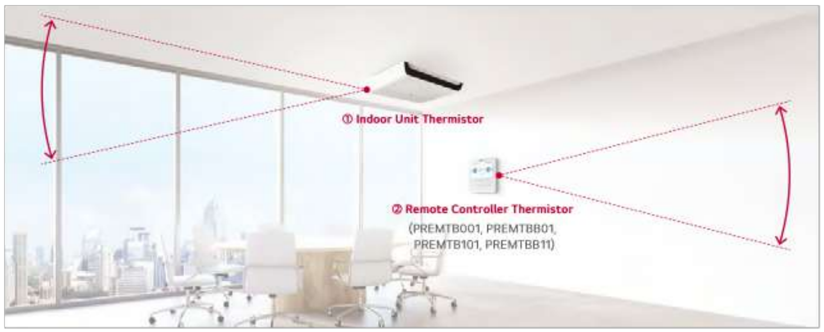
One Touch & 2 Piece Filter

Easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.



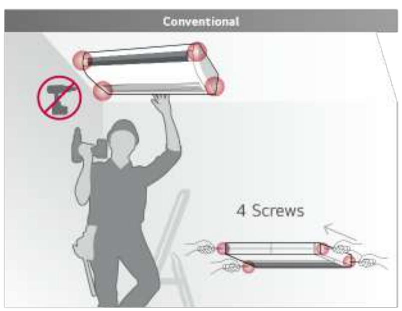
Two Thermistors Control

Users can purchase a wired remote controller that includes a second thermistor, allowing for temperature checks from multiple locations.



Installation

Installation speed and ease is improved by reducing the total number of screws used and placing the screws on the easily accessible front panel.



H-INVERTER (R32)

High Performance by Powerful cooling & heating

- Seasonal Energy level
  UV18FH : A++/A+ , UV24FH : A++/A++ , UV30FH : A++/A++
- High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m 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.
- **Standard for wired remote control**

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 / 6.0	2.7 / 6.8 / 8.3	3.2 / 8.0 / 9.5
	Heating	Min. / Rated / Max.	kW	2.3 / 5.8 / 7.0	3.0 / 7.5 / 9.4	3.6 / 8.9 / 10.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 1.28 / 1.73	0.40 / 1.80 / 2.50	0.50 / 2.35 / 3.13
	Heating	Min. / Rated / Max.	kW	0.30 / 1.56 / 2.13	0.40 / 1.82 / 2.62	0.50 / 2.39 / 3.27
Running Current	Cooling / Heating	Rated	A	7.3 / 8	8 / 8.1	10.4 / 10.6
EER / COP			kWh / kWh	3.90 / 3.71	3.77 / 4.11	3.41 / 3.72
SEER / SCOP			kWh / kWh	7.6 / 4.4	7.9 / 4.6	7.2 / 4.6
Pdesign	Cooling @ 35°C		kW	5	6.8	8
	Heating @ -10°C		kW	4.3	5.4	5.4
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A++	A++ / A++
Annual Energy Consumption	Cooling / Heating		kWh	230 / 1,368	301 / 1,644	389 / 1,644
Dehumidification Rate			l/h	1.9	2.0	2.8
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				**UV18FH.N10**	**UV24FH.N20**	**UV30FH.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	17 / 15 / 13	35 / 32 / 27	35 / 32 / 27
Air Flow Rate		H / M / L	m³/min	12.5 / 11 / 10	23 / 21 / 19	23 / 21 / 19
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	28.7	37.4	37.4
Sound Pressure Level*	Cooling	H / M / L	dB (A)	41 / 39 / 38	43 / 42 / 40	43 / 42 / 40
Sound Power Level	Cooling	Max.	dB (A)	55	60	60
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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	40	
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	

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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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COMBINATION				36	42
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.1 / 14.5
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.5 / 2.50 / 3.75	0.7 / 3.64 / 4.91
	Heating	Min. / Rated / Max.	kW	0.5 / 2.54 / 3.56	0.8 / 3.75 / 4.88
Running Current	Cooling / Heating	Rated	A	11.1 / 11.4	16 / 16.5
EER / COP			kWh / kWh	3.80 / 4.25	3.32 / 3.60
SEER / SCOP			kWh / kWh	6.70 / 4.30	6.60 / 4.30
Pdesign	Cooling @ 35°C		kW	9.5	12.1
	Heating @ -10°C		kW	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -
Annual Energy Consumption	Cooling / Heating		kWh	496 / 3,093	1,100 / 3,093
Dehumidification Rate			l/h	3.6	5.52
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69
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 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				**UV36FH.N20**	**UV42FH.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	59 / 40 / 28	59 / 40 / 28
Air Flow Rate		H / M / L	m³/min	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
Weight	Body		kg	37.4	37.4
Sound Pressure Level*	Cooling	H / M / L	dB (A)	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max.	dB (A)	62	62
Piping Connections	Drain	O.D. / I.D.	mm	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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	40	
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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COMBINATION				36	42
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.1 / 14.5
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.75	0.70 / 3.64 / 4.91
	Heating	Min. / Rated / Max.	kW	0.50 / 2.54 / 3.56	0.80 / 3.75 / 4.88
Running Current	Cooling / Heating	Rated	A	4.0 / 4.1	5.7 / 5.9
EER / COP			kWh / kWh	3.80 / 4.25	3.32 / 3.60
SEER / SCOP			kWh / kWh	6.7 / 4.3	6.6 / 4.3
Pdesign	Cooling @ 35°C		kW	9.5	12.1
	Heating @ -10°C		kW	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -
Annual Energy Consumption	Cooling / Heating		kWh	496 / 3,093	1,100 / 3,093
Dehumidification Rate			l/h	3.6	5.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69
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 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				**UV36FH.N20**	**UV42FH.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	59 / 40 / 28	59 / 40 / 28
Air Flow Rate		H / M / L	m³/min	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
Weight	Body		kg	37.4	37.4
Sound Pressure Level*	Cooling	H / M / L	dB (A)	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max.	dB (A)	62	62
Piping Connections	Drain	O.D. / I.D.	mm	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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	40	
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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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 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	W	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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	40	
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	

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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 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				**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			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	40			
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 :
1. Due to our policy of innovation some specifications may be changed without notification.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

High Performance by Powerful cooling & heating

- High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m 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)**

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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 / 14.4 / 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 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			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	40			
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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   - 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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COMPACT INVERTER (R32)

High Performance by Powerful cooling & heating

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

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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 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.UL0**	**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		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	1.2 / 0.81		1.9 / 1.283
	Chargeless		m	10	10		20
	Additional Charging Volume		g/m	20	40		40
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 / 35		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
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
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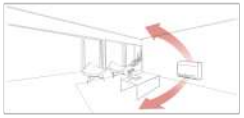
CONSOLE

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

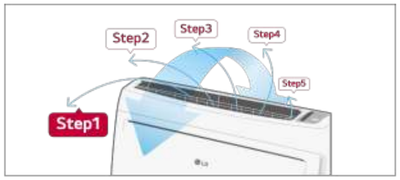
Console air conditioners portray high speed and powerful performance. Using the floor heating mode, console air conditioners provide floor heating at a faster pace in order to reach desired temperature more quickly.

		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

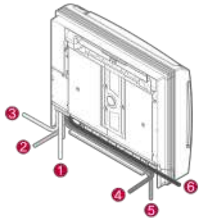
5-Step Vane Control

There are 5 different stages to control the air flow direction

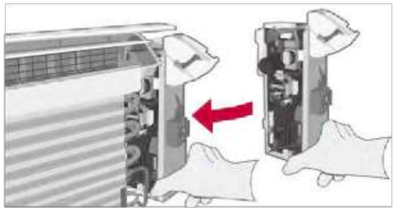


Easy Installation and Service

6 Different Ways to Install Piping



Easy Slide-type PCB



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.**

UQ09F / UQ12F / UQ18F

UUA1.UL0 UUB1.U20

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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
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				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	Cooling	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.UL0		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
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675		1.2 / 0.81
	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

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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.
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.
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FLOOR STANDING

Stylish Design

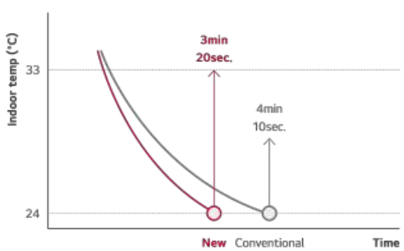
A 2013 Reddot design award winner, the new LG floor standing air conditioner is ideal for modern interiors in your home or office.

reddot design award
winner 2013

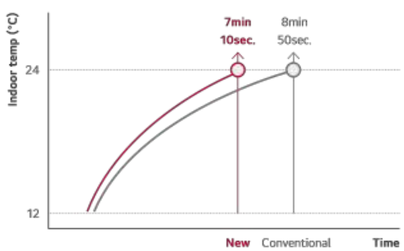
Quick Response

Offering powerful cooling, the commercial air conditioning system can reach a set temperature in a shorter period of time. Meanwhile, the Power Heating function provides the optimal air flow angle, guaranteeing a faster heating performance.

Cooling

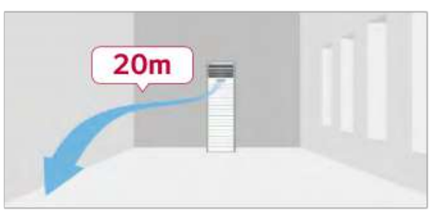


Heating



Powerful Air Flow

The new LG floor standing air conditioner is efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 20m away from the air conditioner.



STANDARD INVERTER (R410A)

High Performance by Power Air Flow

- Efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 20m away from the air conditioner
- Automatic fan speed selection thru selectable 4-step fan speed.
- 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 Wireless controller with the flooring standing unit.**

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INDOOR				UP48.NT2
Capacity	Cooling	Min. / Nom. / Max.	kW	6.0 / 13.4 / 15.2
	Heating	Min. / Nom. / Max.	kW	6.0 / 15.5 / 17.1
Low Temperature Capacity	Heating -7°C	Max.	kW	16.0
Power Input (Set)	Cooling	Nom.	kW	4.2
	Heating	Nom.	kW	4.5
Power Input (Indoor)		Nom.	W	200
Running Current	Cooling / Heating	Nom.	A	18.1 / 19.5
Power Supply			Ø / V / Hz	1 / 220-240 / 50
EER				3.21
COP				3.41
SEER				5.05
SCOP				3.51
Pdesign (@ -10°C)			kW	11.5
Seasonal Energy Label	Cooling / Heating			-
Annual Energy Consumption	Cooling / Heating		kWh	-
Piping Connection	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25
Air Flow Rate		High / Medium / Low	m^3/min	31 / 27 / 23
Sound Pressure*	Cooling	High / Medium / Low	dB(A)	52 / 49 / 45
Sound Power	Cooling	Max.	dB(A)	65
Dehumidification Rate			l/h	5.0
Dimensions	Body	W x H x D	mm	590 x 1,840 x 460
Net Weight	Body		kg	50.0

OUTDOOR				UU48W.U32	UU49W.U32
Compressor	Type			Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110
Sound Pressure*	Cooling	Nom	dB(A)	52	52
	Heating	Nom	dB(A)	54	54
Sound Power	Cooling	Max	dB(A)	72	68
Dimensions	W x H x D		mm	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	92.0	96.0
Refrigerant	Type		-	R410A	R410A
	Charge		g	3,400	3,400
	Additional Charge		g/m	40	40
	GWP		-	2087.5	2087.5
	t-CO_2eq		-	7.1	7.1
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm^2	3C x 5.0	5C x 5.0
Transmission Cable			No. x mm^2	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	20
Piping Length Total		Min. / Max.	m	5 / 75	5 / 75
Piping Elevation Difference	IDU - ODU	Max.	m	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)

* : 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. (R410A)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

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 / MJ12PC

UUA1.UL0

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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)	Ø 6.35 (1/4) / Ø 9.52 (3/8)	Ø 6.35 (1/4) / Ø 9.52 (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			Ø / 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
Weight	Body		kg (lbs)	8.2 (18.1)	8.2 (18.1)
	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	Ø 21.5 / 16.0	Ø 21.5 / 16.0
OUTDOOR				**UUA1.UL0**	
Power Supply			Ø / 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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq.		kg	1.0 / 0.675	
	Control		-	EEV	
	Chargeless		m	10	
	Additional Charging Volume		g/m	20	
	Air Flow Rate	Rated	m^3/min x No.	28 x 1	
Total Piping Length		Min. / Max.	m	5.0 / 30.0	
Piping Elevation	IDU-ODU	Max..	m	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.
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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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)	Ø 6.35 (1/4) / Ø 12.7 (1/2)	Ø 9.52 (3/8) / Ø 15.88 (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	m^3/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	Body		kg (lbs)	10.9 (24.0)	11.5 (25.4)
	Shipping		kg (lbs)	13.9 (30.6)	14.5 (32.0)
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 38 / 34	46 / 41 / 36
Sound Power Level	Cooling	Max	dB(A)	59	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø 21.5 / 16.0	Ø 21.5 / 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
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq.		kg	1.2 / 0.810	1.9 / 1.283
	Control		-	EEV	EEV
	Chargeless		m	10	20
	Additional Charging Volume		g/m	20	40
	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5.0 / 35.0	5.0 / 50.0
Piping Elevation	IDU-ODU	Max.	m	30	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.
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)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

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 mm^2	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
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.9 / 1.283	3.0 / 2.025	3.0 / 2.025
	Chargeless		m	20	20	20
	Additional Charging Volume		g/m	40	40	40
Fan	Air Flow Rate	Rated	m^3/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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   - 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.
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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)**
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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 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
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283
	Chargeless		m	10	20
	Additional Charging Volume		g/m	40	40
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

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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.
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.
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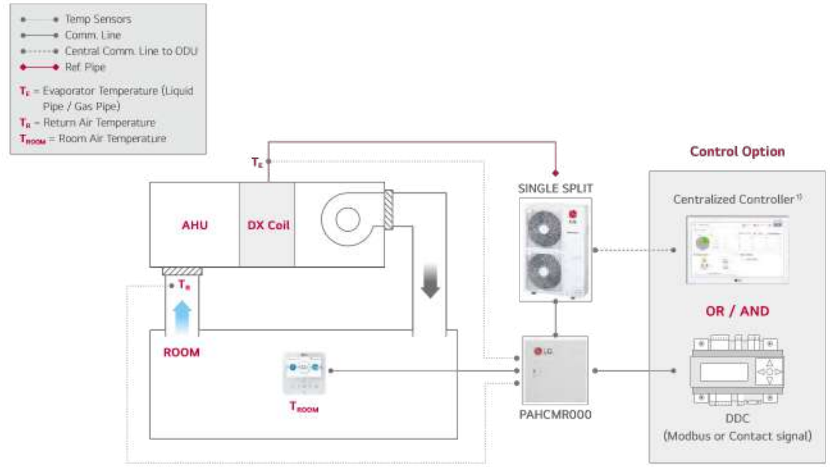
AHU SOLUTION

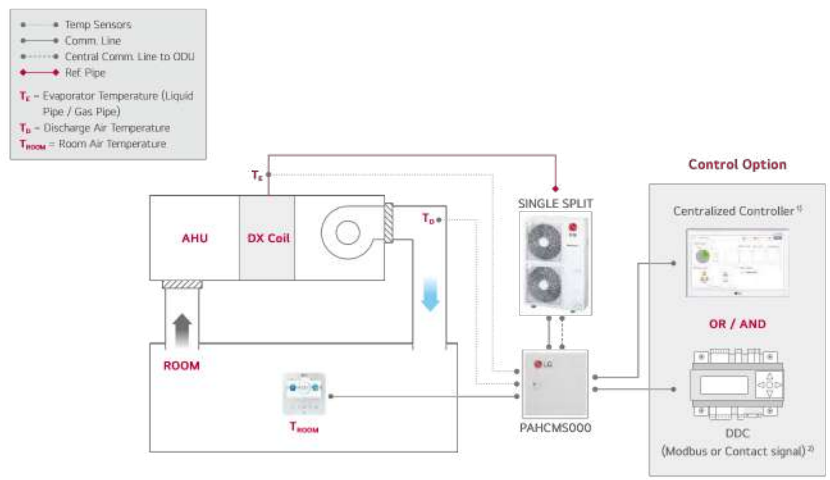
Air Handling Applications

Economically feasible solution for pair application with air handling units.

Return/Room Air Temperature Control



Discharge Air Temperature Control



1) PI485(PMNFP14A1) is required for using centralized controller.
2) In case of applying DDC with contact signal, discharge air temperature should be measured and controlled by DDC.
3) For more detail, please refer to the PDB of AHU Communication Kit.

Communication Kit


PAHCMR000 / PAHCMS000

Specification

MODEL	COMBINATION		DESCRIPTION	DIMENSIONS (MM)		
	OUTDOOR UNIT	CENTRALIZED CONTROLLER		W	H	D
PAHCMR000	Single Split	•	Return / Room air temperature control by DDC or LG individual / centralized controller	300	300	155
PAHCMS000	Single Split	•	Discharge air temperature control by DDC or LG individual / centralized controller	380	300	155

Function list for Communication kit

FUNCTION LIST*		PAHCMR000	PAHCMS000	NOTE
Control	Comm. Kit Operation	On / Off	On / Off	
	Operation Mode [1]	Cooling / Heating	Cooling / Heating	
	Return (room) Air Temperature	16~30℃	-	
	Discharge Air Temperature [2]	-	16~30℃	Available in case of using DDC with Modbus or LG Control system
	Fan Speed [3]	Low / Middle / High	Low / Middle / High	It may not be possible depending on the particular condition
	Forced Thermal On / Off	On / Off	-	Available in case of using DDC with contact signal
	Capacity Control	-	•	Available in case of using DDC with Modbus or contact signal
Monitor	Comm. Kit Operation	On / Off	On / Off	
	Operation Mode [1]	Cooling / Heating	Cooling / Heating	Available in case of using DDC with Modbus or LG Control system
	Fan Speed	Low / Middle / High	Low / Middle / High	
	Error Alarm	•	•	
	Compressor On / Off	On / Off	On / Off	Available in case of using DDC with Modbus or LG individual controller PAHCMR000 doesn't provide this in case of using DDC with contact signal

1) Available operation mode can be varied depending on the setting of AHU Communication Kit.
2) This range may differ depending on the type of controller.
3) To control and monitor the fan speed, DO ports for the fan speed status have to be connected with the fan unit.
* Some of functions may not be possible depending on the setting of AHU Communication Kit. For more details of condition, please refer to the product data book.

Combination Table

		R32				R410A	
Model Name		UUA1.UL0	UUB1.U20	UUC1.U40	UUD1.U30 UUD3.U30	UU70W.U34	UU85W.U74
Capacity Index Range	kBtu/h	9 ~18	18 ~ 30	24 ~ 36	36 ~ 60	70	85
	kW	2.5 ~ 5.0	5.0 ~ 8.0	6.8 ~ 10.0	10.0 ~ 14.6	20.0	25.0
PAHCMR000		X	O	O	O	O	O
PAHCMS000		X	O	O	O	O	O

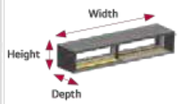
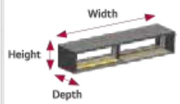
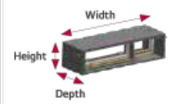
ACCESSORIES

UVnano™ Filter Box

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.

UVnano Filter Box Kit (Included ePM1 Filter)
PBM13M3UA0 / PBM13M2UA0 / PBM13M1UA0

ePM1 Filter
FBM13M3UA0 / FBM13M2UA0 / FBM13M1UA0

PLATFORM / MODEL NAME		UNIT	M3 PLATFORM PBM13M3UA0	M2 PLATFORM PBM13M2UA0	M1 PLATFORM PBM13M1UA0
Duct UVnano Filter Box		-			
Net Size (W x H x D)		mm	1,250 x 360 x 280	1,250 x 270 x 280	900 x 270 x 280
Shipping Size (W x H x D)		mm	1,440 x 430 x 377	1,440 x 340 x 377	1,048 x 340 x 377
Net Weight		kg	12.7	11.6	9.1
Pre-Filter (1)	Size (W x H x D)	mm	596 x 377 x 4	596 x 247 x 4	596 x 247 x 4
	Mesh	-	34 x 39	34 x 39	34 x 39
	Color	-	Black	Black	Black
	Quantity	EA	2	2	1
Pre-Filter (2)	Size (W x H x D)	mm	-	-	247 x 247 x 4
	Mesh	-	-	-	34 x 39
	Color	-	-	-	Black
	Quantity	EA	-	-	1
UVnano	UVC Wavelength	nm	275	275	275
	UVC LED Quantity	EA	8	8	8
Filter (1)	Model Name		FBM13M3UA0	FBM13M2UA0	FBM13M1UA0
	Size (W x H x D)	mm	600 x 341 x 50.8	600 x 251 x 50.8	600 x 251 x 50.8
	Quantity	EA	2	2	1
	Grade	-	*ePM_1 65%	ePM_1 65%	ePM_1 65%
Filter (2)	Size (W x H x D)	mm	-	-	250 x 251 x 50.8
	Quantity	EA	-	-	1
	Grade	-	-	-	ePM_1 65%

* Grade : ISO 16890

LG Wi-Fi Modem

Control conditioners by using internet devices such as Android or iOS smartphones.

PWFMDD200

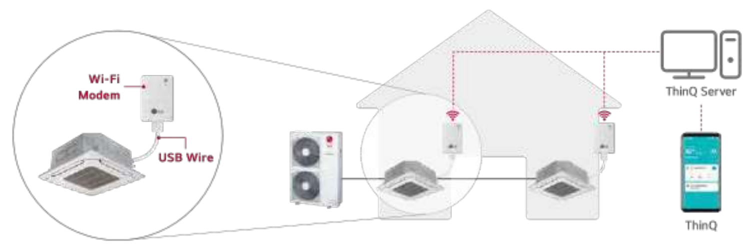
Features

- A user can enjoy anytime, anywhere access with Wi-Fi equipped device through ThinQ mobile app.
- This allows the user to access the unit remotely to switch unit on or off before or after leaving the vicinity.
- LG's exclusive Home Appliances control app (ThinQ) is available.
- Simple operation for various functions.
  - On / Off
  - Operation Mode
  - Current / Set Temperature
  - Fan Speed
  - Vane Control [1]
  - Reservation (Sleep, Weekly On / Off)
  - Energy Monitoring [2]
  - Filter Management
  - Error Check
  - Air Purify [3]

Model Name	PWFMDD200
Size (W x H x D, mm)	48 x 68 x 14
Interfaceable Products	System Air Conditioner [3]
Connection Type	Indoor unit 1:1
Communication Frequency	2.4 GHz
Wireless Standards	IEEE 802.11b/g/n
Mobile Application	ThinQ (Android v4.1(Jellybean) or higher, iPhone iOS 9.0 or higher)
Optional Extension Cable	PWYREW000 (10m extension)

Note : 1. Functionality may be different according to each IDU model.
2. User interface of application shall be revised for its design and contents improvement.
3. Application is optimized for smartphone use, so it may not be well functioning with tablet devices.
1) Vane Control may not be possible according to the type of Indoor unit.
2) LG Centralized controller and PDI installation is required for this function.
3) For the compatibility with indoor units, regional LG office.

Overview



※ Search "ThinQ" on Google market or Appstore then download the app.
※ Internet service with Wi-Fi connection has to be available.
※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

Standard Wired Remote Controller

Standard III
PREMTB101

Standard III
PREMTBB11

Standard II
PREMTB001

Standard II
PREMTBB01

Model Name	PREMTB101 PREMTBB11	PREMTB001 PREMTBB01
Operation Mode	On / Off, Fan Speed Control, Temperature Setting	
Mode Change	Cooling, Heating, Auto, Dehumidification, Fan	
Auto Swing / Vane Control	•	•
Reservation	Simple, Sleep, On / Off, Weekly, Holiday	
Time Display	•	•
Electrical Failure Compensation	•	•
Child Lock	•	•
Operation Status LED	•	•
Indoor Temperature Display	•	•
Wireless Remote Controller Receiver	-	•
Size (W x H x D, mm)	120 x 120 x 16	120 x 121 x 16
Backlight	•	•

※ Refer to each model PDB for applicable models.

Remote Controller

PWLSSB21H

PI 485

PMNFP14A1

Power : Single phase AC 220V 50/60Hz
Max. no of the indoor units that can be connected : 64 Units
Model applied : RAC / Multi / Single / THERMA V

※ Refer to each product PDB for applicable models.

Dry Contact

PDRYCB000

PDRYCB400

PDRYCB320

PDRYCB500 / PDRYCB510*

※ Refer to each product PDB for applicable models.
* No case for PDRYCB510

Model	PDRYCB000	PDRYCB400	PDRYCB320	PDRYCB500/ PDRYCB510*
Contact Point	1 Control Point	2 Control Point	8 Control Point	Modbus RTU
Power Input	AC 220V from outside power source	DC 5V & 12V from indoor unit PCB	DC 5V & 12V from indoor unit PCB	DC 5V & 12 V from indoor unit PDB
Voltage / Non Voltage Input	-	•	•	-
On / Off Control	•	•	•	•
Lock / Unlock	•	•	•	
Fan Speed Setting	-	-	•	•
Thermo Off	-	•	•	-
Energy Saving	-	•	-	-
Temperature Setting	-	•	•	•
Error Monitoring	•	•	•	•
Operation Monitoring	•	•	•	•

Accessory Compatibility List (Indoor Unit)

Ceiling Mounted Cassette (Mini 4 Way)

Category		Product	Remarks	UT09FH.NQ0 UT12FH.NQ0 CT09F.NR0 CT12F.NR0 CT18F.NQ0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
		PQRCHCA0Q (W)	For Hotel	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSMA0	-	X
	Drain Pump	ABDPG	-	X
	Ionizer	PAS-NATDR2	-	O

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. ** : It could not be operated some functions.
4. *** : Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Accessory Compatibility List (Indoor Unit)

Ceiling Mounted Cassette (4 Way)

Category		Product	Remarks	UT18FH.NB0 UT24FH.NA0 UT30FH.NA0 UT36FH.NA0 UT42FH.NA0 UT48FH.NA0 UT60FH.NA0 CT24F.NB0 UT30F.NB0 UT36F.NA0 UT42F.NA0 UT48F.NA0 UT60F.NA0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
		PQRCHCA0Q (W)	For Hotel	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-CORV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	ABDPG	-	X
	Drain Pump	PTAHYP0	-	O
	Ionizer	PAS-NATDR2	-	O

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. ** : It could not be operated some functions.
4. *** : Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Ceiling Concealed Duct (Mid Static)

Category		Product	Remarks	UM12FH.N10 UM18FH.N10 UM24FH.N20 UM30FH.N20 UM36FH.N30 UM42FH.N30 UM48FH.N30 CM18F.N10 CM24F.N10 UM30F.N10 UM36F.N20 UM42F.N20 UM48F.N30 UM60F.N30
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O***
		PWLSSB21H	Heat Pump	O***
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
		PQRCHCA0Q (W)	For Hotel	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
IR Receiver		PWLRVN000	-	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without case	X
		PSNFP14A0	With case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	O
	CO_2 Sensor	PES-CORV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSMA0	-	X
	Drain Pump	ABDPG	-	O (Embedded)
	UVnano Filter Box Kit	PBM13M1UA0	For M1 Chassis	O
		PBM13M2UA0	For M2 Chassis	O
		PBM13M3UA0	For M3 Chassis	O
	High Efficiency Filter (Main Filter of Filter Box)	FBM13M1UA0	For M1 UVnano Filter Box	O
		FBM13M2UA0	For M2 UVnano Filter Box	O
		FBM13U3UA0	For M3 UVnano Filter Box	O

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. ** : It could not be operated some functions.
4. *** : Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. Do not install both the IR Receiver and Wired Remote Controller. This may cause malfunctions.
7. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Accessory Compatibility List (Indoor Unit)

Ceiling Concealed Duct (Low Static)

Category		Product	Remarks	UL12FH.N50 UL18FH.N30 CL09F.N50 CL12F.N50 CL18F.N60 CL24F.N30
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O***
		PWLSSB21H	Heat Pump	O***
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
		PQRCHCA0Q (W)	For Hotel	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000(A/B)	Premium	O
IR Receiver		PWLRVN000	-	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	O
	CO_2 Sensor	PES-CORV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSMA0	-	X
	Drain Pump	ABDPG	-	O (Embedded)

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. ** : It could not be operated some functions.
4. *** : Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. Do not install both the IR Receiver and Wired Remote Controller. This may cause malfunctions.
7. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Ceiling Suspended

Category		Product	Remarks	UV18FH.N10 UV24FH.N20 UV30FH.N20 UV36FH.N20 UV42FH.N20
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	X
		PQRCHCA0Q (W)	For Hotel	X
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-CORV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSMA0	-	X
	Drain Pump	ABDPG	-	X

Note
1. O: Possible, X: Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. ** : It could not be operated some functions.
4. *** : Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Accessory Compatibility List (Indoor Unit)

Wall Mounted Unit

Category		Product	Remarks	MJ09PC.NSJ MJ12PC.NSJ MJ18PC.NSK MJ24PC.NSK US30F.NR0 US36F.NR0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O (Embedded)
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
		PQRCHCA0Q (W)	For Hotel	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	X
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	X
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	X
	2-Remo Control Wire	PZCWRC2	0.25 m	X
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O (Embedded)
	Human Detecting Sensor	PTVSAA0	-	X

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
4. Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product >Control(BECON))
6. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Ceiling Mounted Cassette (Round)

Category		Product	Remarks	UT36F.NY0 UT48F.NY0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
		PQRCHCA0Q (W)	For Hotel	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	X
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Air Purification Kit	PTAHYP0	-	O

Note
1. O: Possible, X: Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
4. Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Accessory Compatibility List (Indoor Unit)

Ceiling Suspended

Category		Product	Remarks	UV18F.N10 UV24F.N10 UV30F.N10 UV36F.N20 UV42F.N20 UV48F.N20 UV60F.N20
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O (Embedded)
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	X
		PQRCHCA0Q (W)	For Hotel	X
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-CORV0	For ERV, ERV DX Indoor Units	X
	Group Control wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSAA0	-	X
	Drain Pump	ABDPG	-	X

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
4. Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Console

Category		Product	Remarks	UQ09F.NA0 UQ12F.NA0 UQ18F.NA0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O (Embedded)
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
		PQRCHCA0Q (W)	For Hotel	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-CORV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSAA0	-	X

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
4. Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Accessory Compatibility List (Outdoor Unit)

Outdoor Units

Category		Product	Remarks	UUA1.UL0	UUB1.U20 UUC1.U40 UUD1.U30 UUD3.U30
Central Controller	Simple	PQCSZ250S0	AC EZ	O	O
	AC Ez Touch	PACEZA000	AC Ez Touch	O	O
	AC Smart	PACS5A000	AC Smart 5	O	O
	ACP	PACP5A000	ACP 5	O	O
	AC Manager[1]	PACM5A000	AC Manager 5	O	O
Simple	ODU PI485	PMNFP14A1	PI 485 Gateway	O	O
	Low Ambient Kit	PRVC2	From MULTI V IV series	-	-
	AHU Comm. Kit	PAHCMR000	Return Air Temperature Control	X	O
		PAHCMS000	Discharge Air Temperature Control	X	O
	BACnet	PQNFB17C0	ACP BACnet	O	O
	Lonworks	PLNWKB000	ACP Lonworks	O	O
ETC	PDI	PPWRDB000	PDI Standard	O	O
		PQNUD1S40	PDI Premium	O	O
	ACS IO Module	PEXPMB000	-	X	X

Note
1. O : Possible, X : Impossible, - : Not applicable
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. 1) : ACP or AC Smart is needed.
4. Compatibility of individual controller(wireless/wired remote controller) could be found with function list on Indoor Unit's PDB.
5. If you need more detail, please refer to the BECON PDB or the manual of product.
(http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

Outdoor Units - Synchro

Category		Product	Remarks	UUD1.U30 UUD3.U30
Central Controller	Simple	PQCSZ250S0	AC EZ	O
	AC Ez Touch	PACEZA000	AC Ez Touch	O
	AC Smart	PACS5A000	AC Smart 5	X
	ACP	PACP5A000	ACP 5	X
	AC Manager[2]	PACM5A000	AC Manager 5	X
Simple	ODU PI485	PMNFP14A1	PI 485 Gateway	O
	Low Ambient Kit	PRVC2	From MULTI V IV series	X
	AHU Comm. Kit	PAHCMR000	Return / Room Air Control	X
		PAHCMS000	Supply Air Control by DDC	X
	BACnet	PQNFB17C0	ACP BACnet	X
	Lonworks	PLNWKB000	ACP Lonworks	X
ETC	PDI	PPWRDB000	PDI Standard	X
		PQNUD1S40	PDI Premium	X
	ACS IO Module	PEXPMB000	-	X

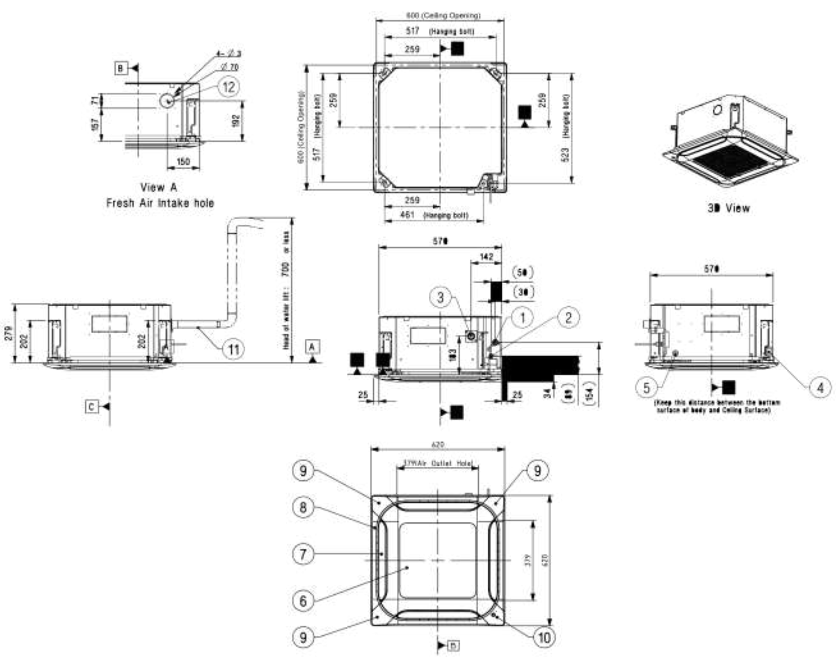
Note
1. O : Possible, X : Impossible, - : Not applicable
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. 2) : ACP or AC Smart is needed.
4. Compatibility of individual controller(wireless/wired remote controller) could be found with function list on Indoor Unit's PDB.
5. If you need more detail, please refer to the BECON PDB or the manual of product.
(http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
6. For our policy of continuous product improvement, specification, design, model name and feature are subject to change without prior notice.

H-INVERTER (R32)

UT09FH.NQ0 / UT12FH.NQ0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Decoration Corner Display Cover
11	Flexible Drain Hose
12	Fresh air Intake Hole

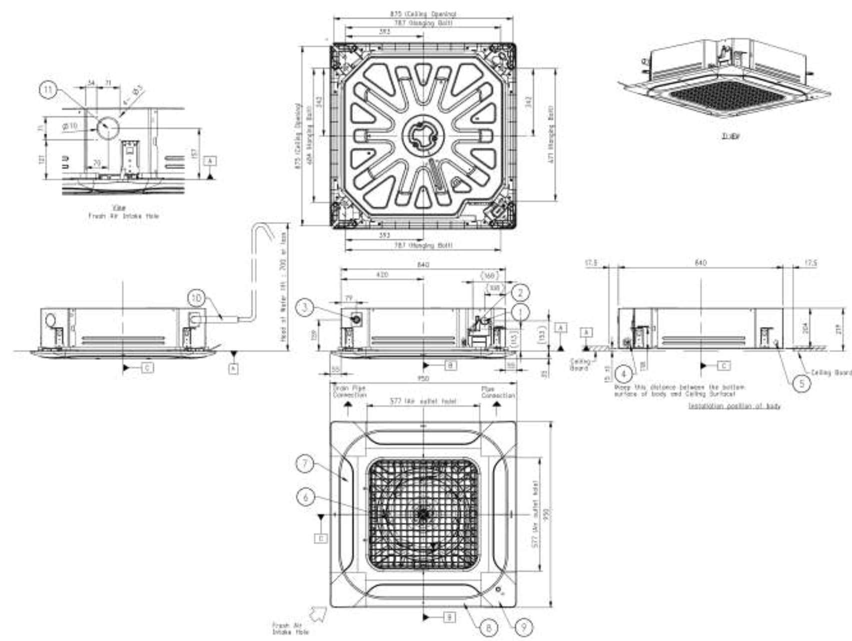


H-INVERTER (R32)

UT18FH.NB0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Decoration Corner Display Cover
11	Flexible Drain Hose

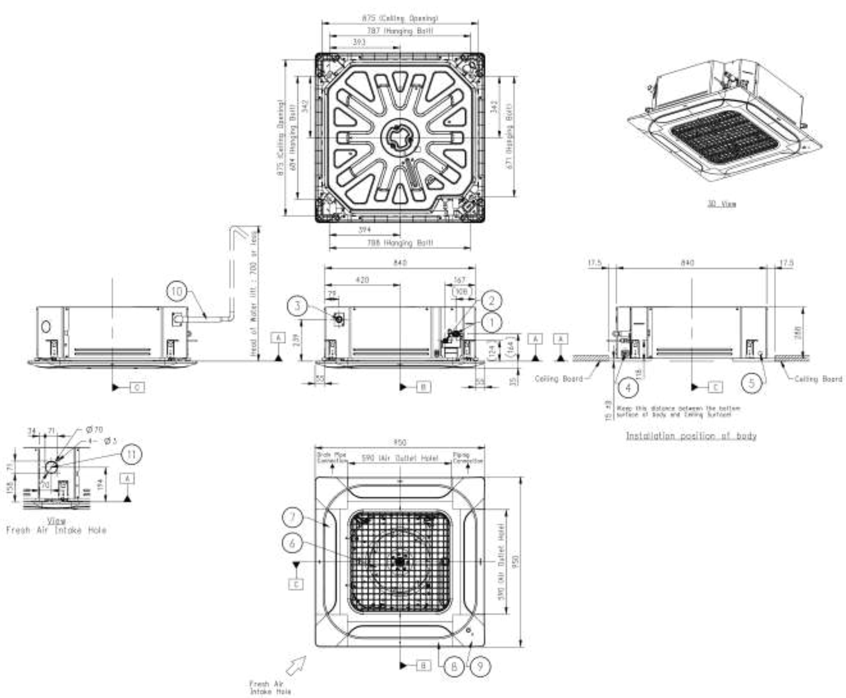


H-INVERTER (R32)

UT24FH.NA0 / UT30FH.NA0 / UT36FH.NA0 / UT42FH.NA0
UT48FH.NA0 / UT60FH.NA0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Flexible Drain Hose
11	Fresh Air Intake Hole

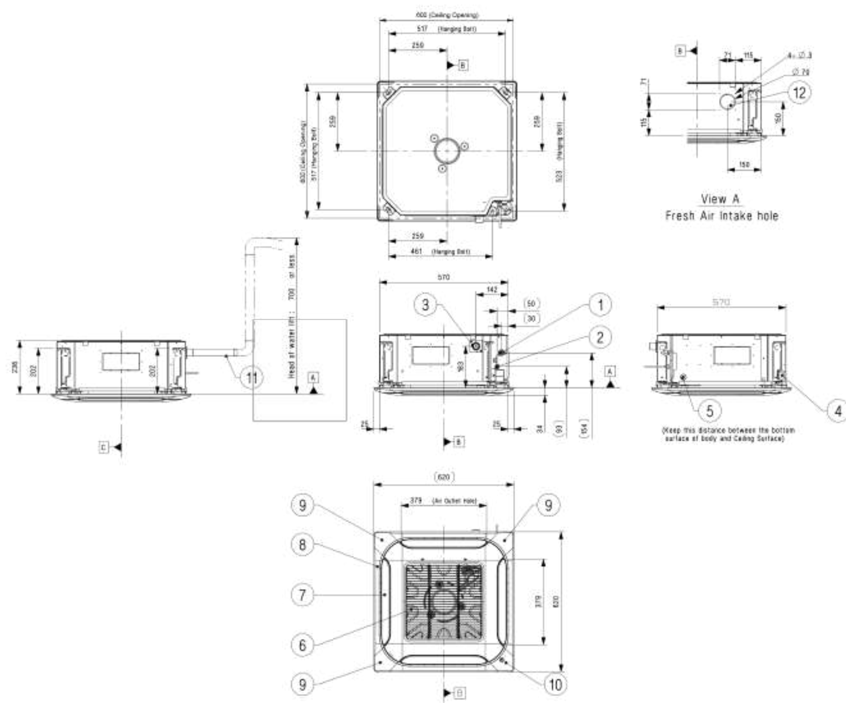


STANDARD INVERTER (R32)

CT09F.NR0 / CT12F.NR0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Decoration Corner Display Cover
11	Flexible Drain Hose
12	Fresh air Intake Hole

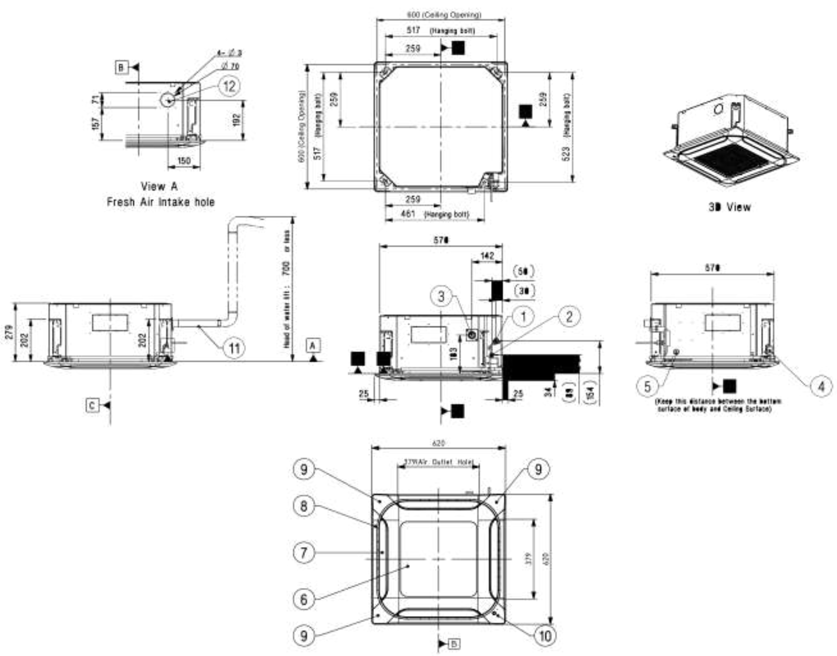


STANDARD / COMPACT INVERTER (R32)

CT18F.NQ0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Decoration Corner Display Cover
11	Flexible Drain Hose
12	Fresh air Intake Hole

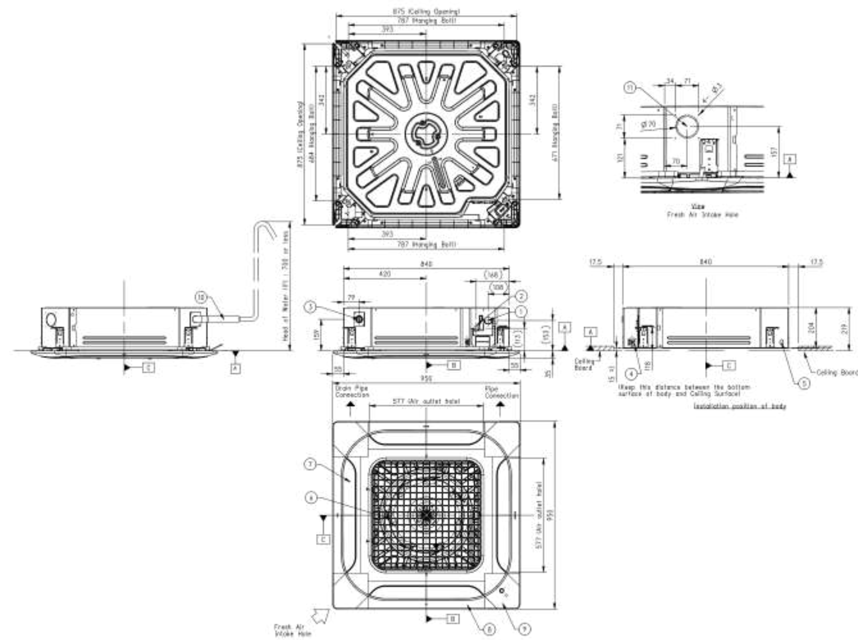


STANDARD / COMPACT INVERTER (R32)

CT24F.NB0 / UT30F.NB0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Flexible Drain Hose
11	Fresh Air Intake Hole

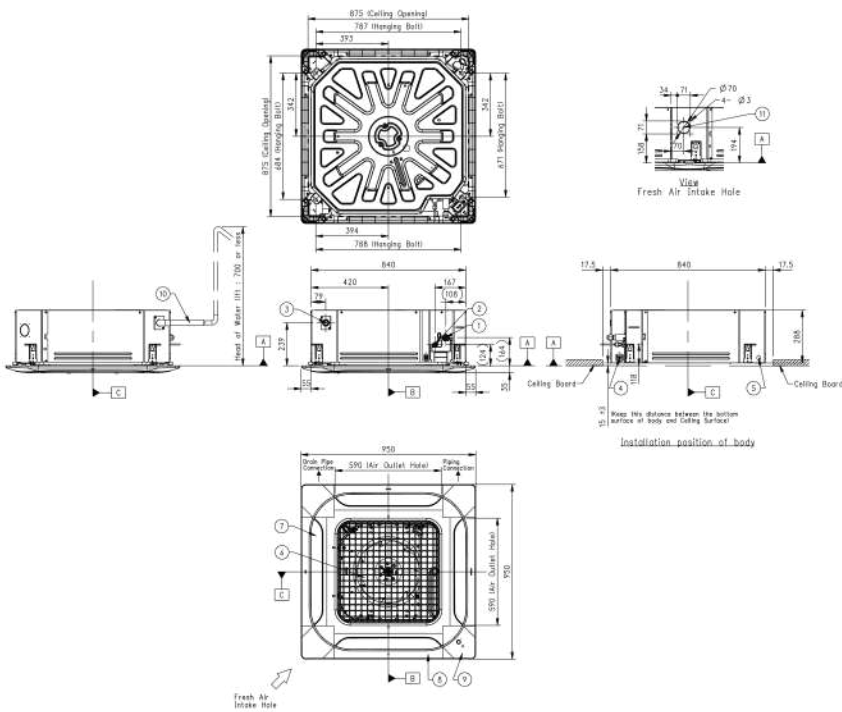


STANDARD / COMPACT INVERTER (R32)

UT36F.NA0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Flexible Drain Hose
11	Fresh Air Intake Hole

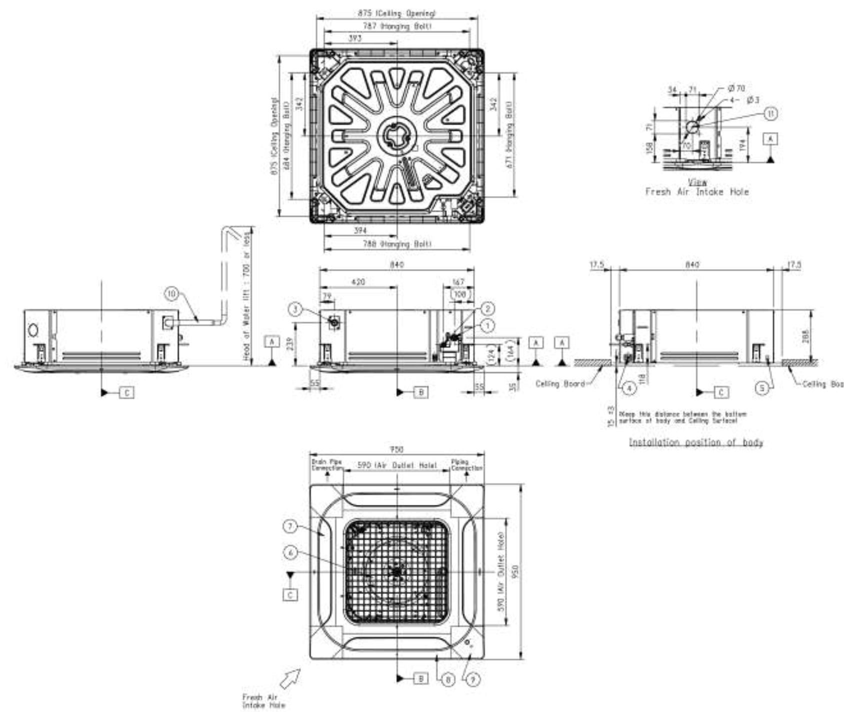


STANDARD NVERTER (R32)

UT42F.NA0 / UT48F.NA0 / UT60F.NA0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Flexible Drain Hose
11	Fresh Air Intake Hole

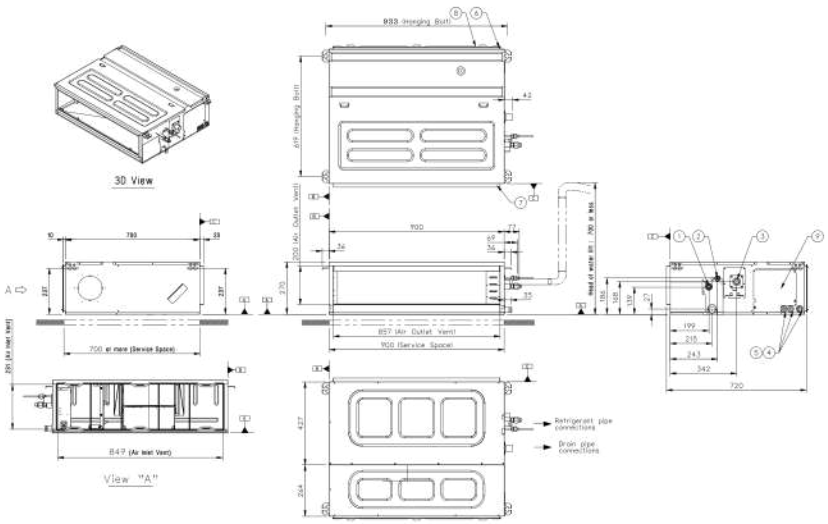


H-INVERTER (R32) / MID STATIC

UM12FH.N10 / UM18FH.N10

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover

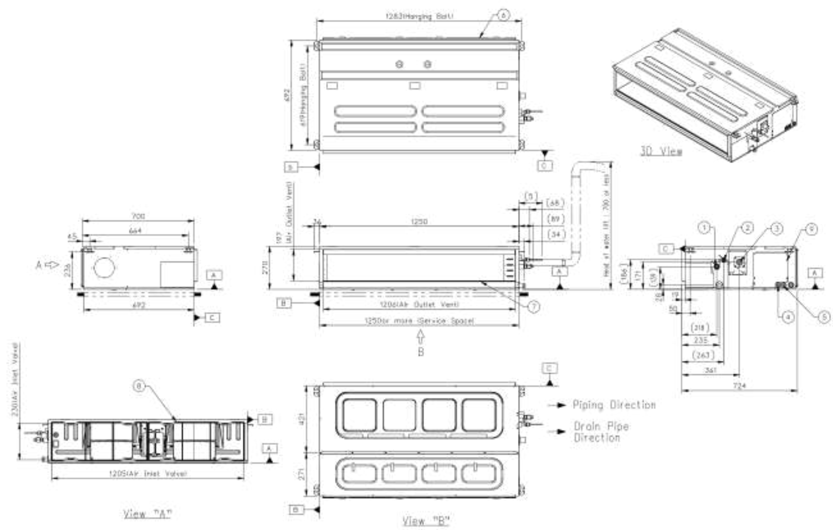


H-INVERTER (R32) / MID STATIC

UM24FH.N20 / UM30FH.N20

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover

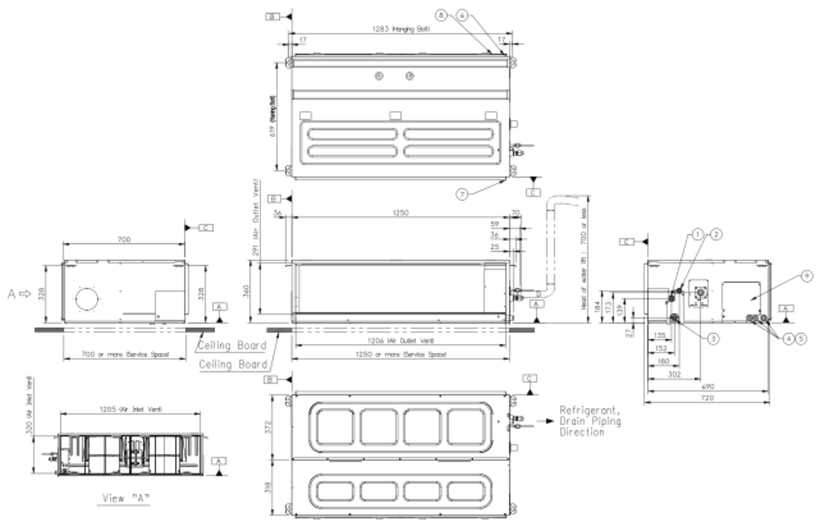


H-INVERTER (R32) / MID STATIC

UM36FH.N30 / UM42FH.N30 / UM48FH.N30

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover

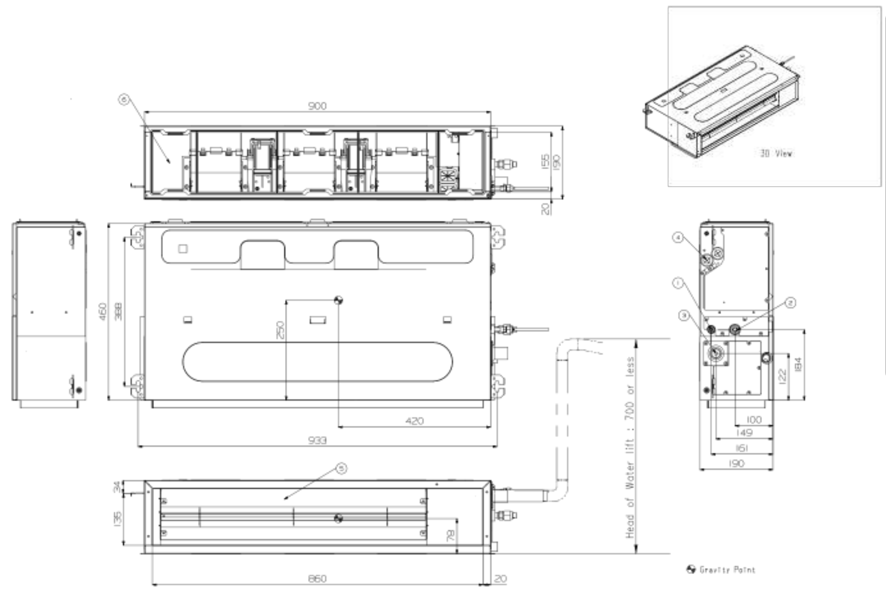


H-INVERTER (R32) / LOW STATIC

UL12FH.N50

(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power supply Connection
5	Air Discharge
6	Air Suction

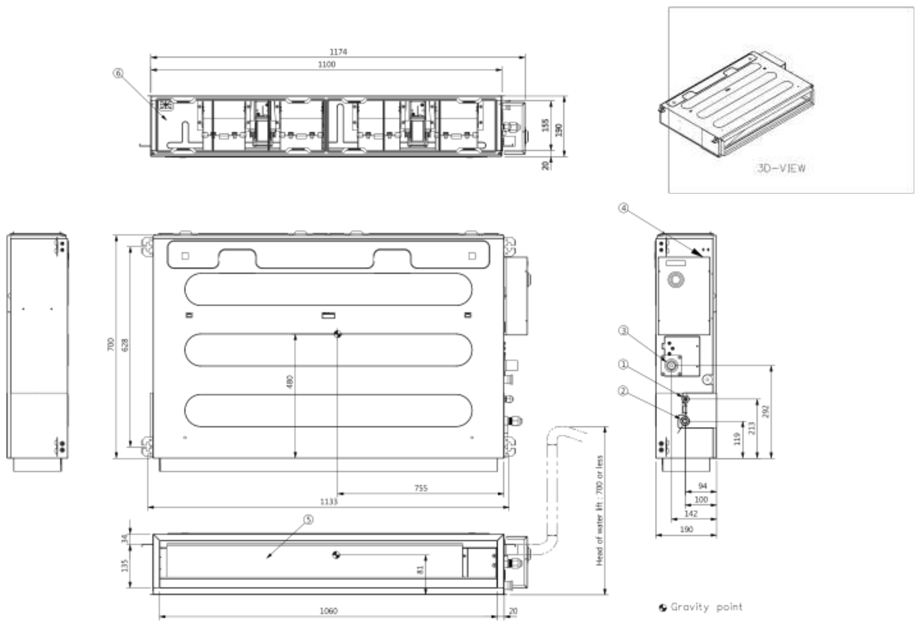


H-INVERTER (R32) / LOW STATIC

UL18FH.N30

(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power supply Connection
5	Air Discharge
6	Air Suction

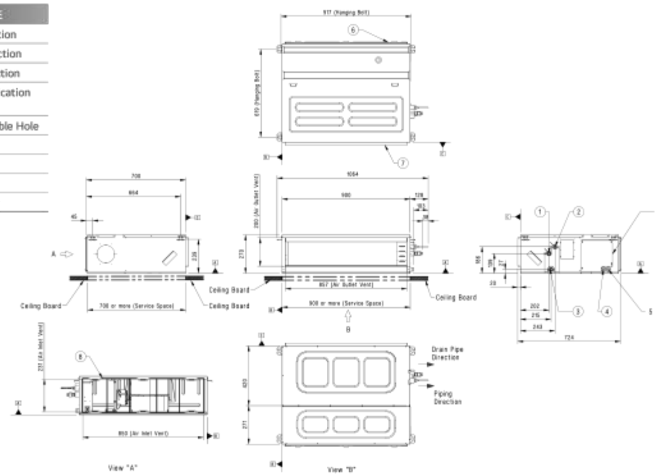


STANDARD / COMPACT INVERTER (R32) / MID STATIC

CM18F.N10 / CM24F.N10 / UM30F.N10

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover

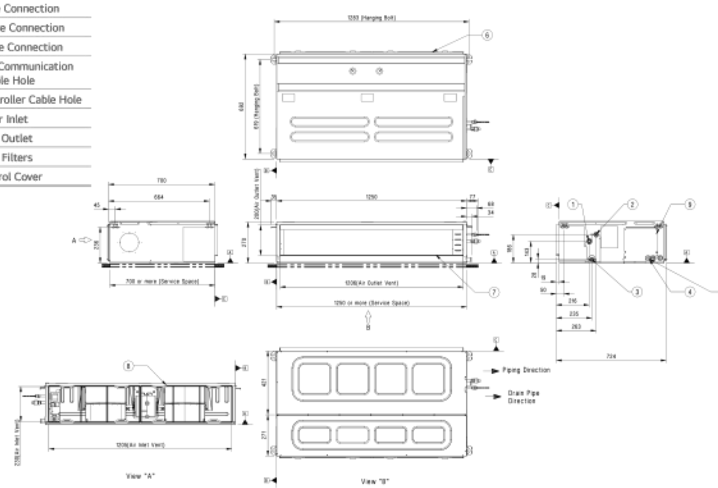


STANDARD / COMPACT INVERTER (R32) / MID STATIC

UM36F.N20

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover

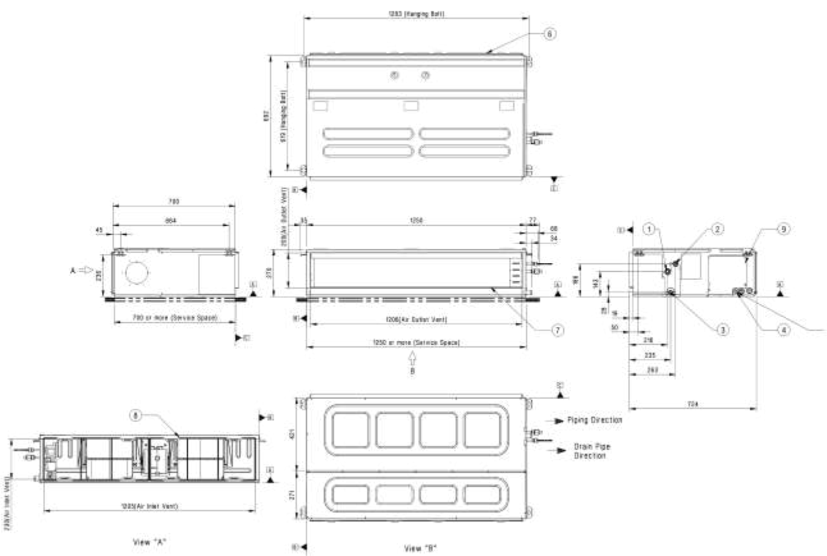


STANDARD INVERTER (R32) / MID STATIC

UM42F.N20

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover

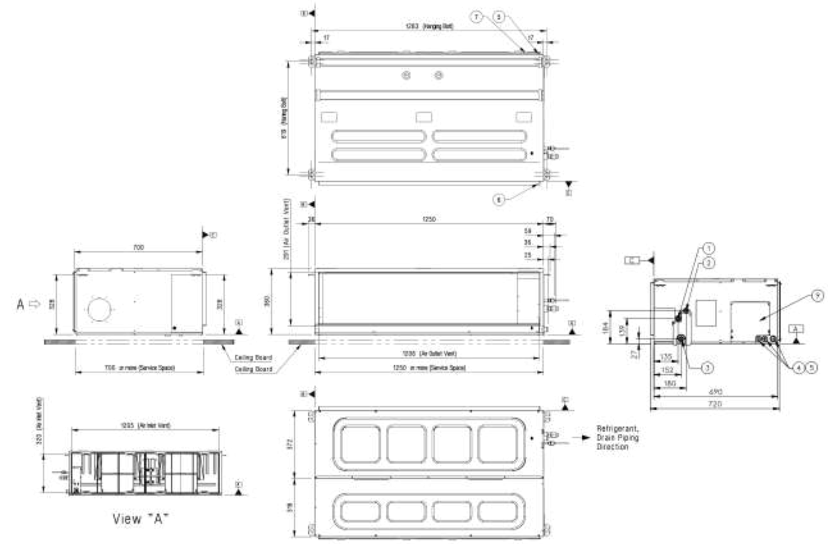


STANDARD INVERTER (R32) / MID STATIC

UM48F.N30 / UM60F.N30

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover

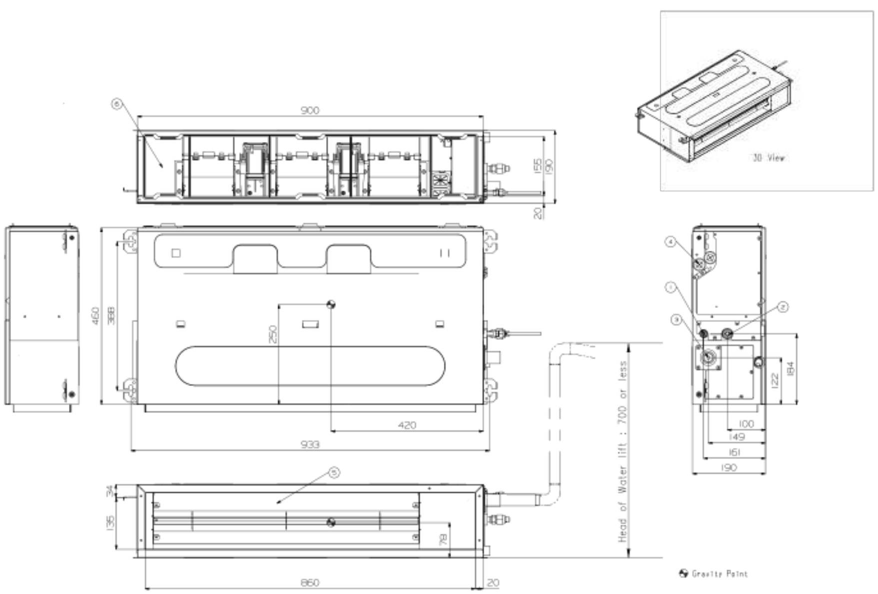


STANDARD INVERTER (R32) / LOW STATIC

CL09F.N50 / CL12F.N50

(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power Supply Connection
5	Air Discharge
6	Air Suction

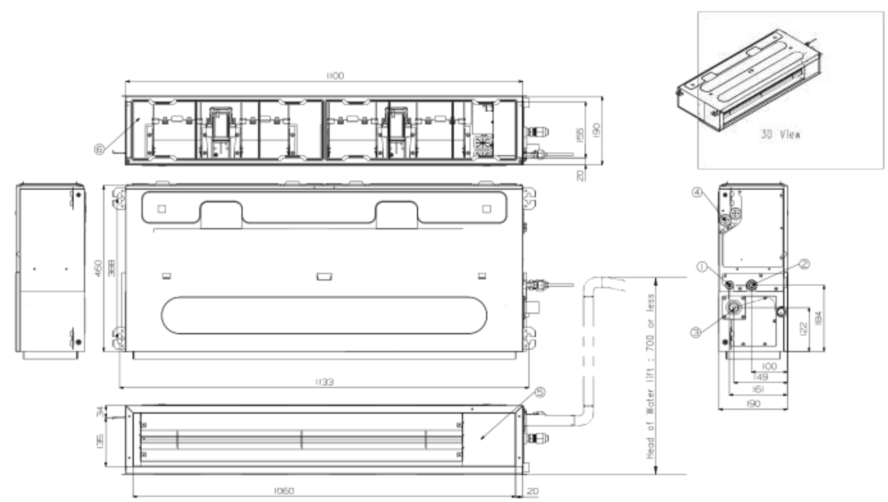


STANDARD / COMPACT INVERTER (R32) / LOW STATIC

CL18F.N60

(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power Supply Connection
5	Air Discharge
6	Air Suction

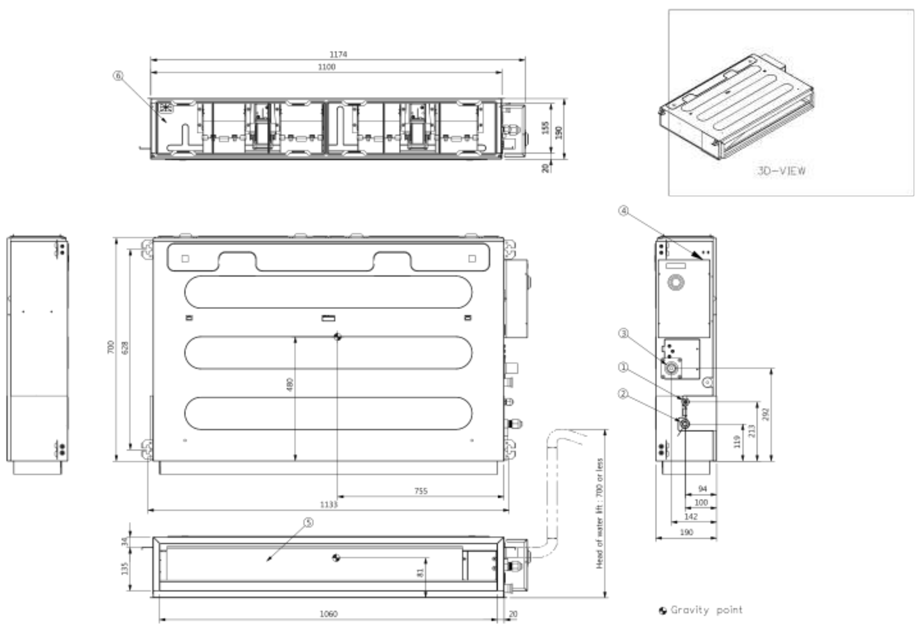


STANDARD / COMPACT INVERTER (R32) / LOW STATIC

CL24F.N30

(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power Supply Connection
5	Air Discharge
6	Air Suction

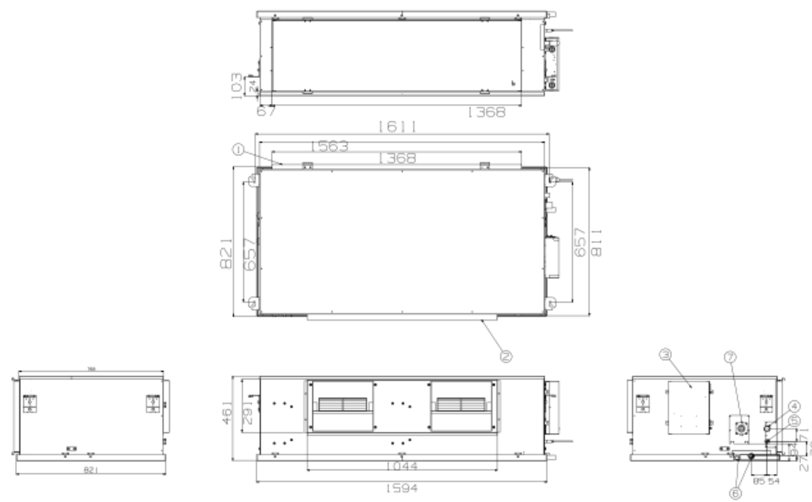


STANDARD INVERTER (R410A) / HIGH STATIC

UB70.N95 / UB85.N95

(Unit : mm)

	PART NAME
1	Air Suction Flange
2	Air Discharge Flange
3	Control Box
4	Gas Piping Connection
5	Liquid Pipe Connection
6	Drain Pipe Connection
7	Drain Pump (Option)

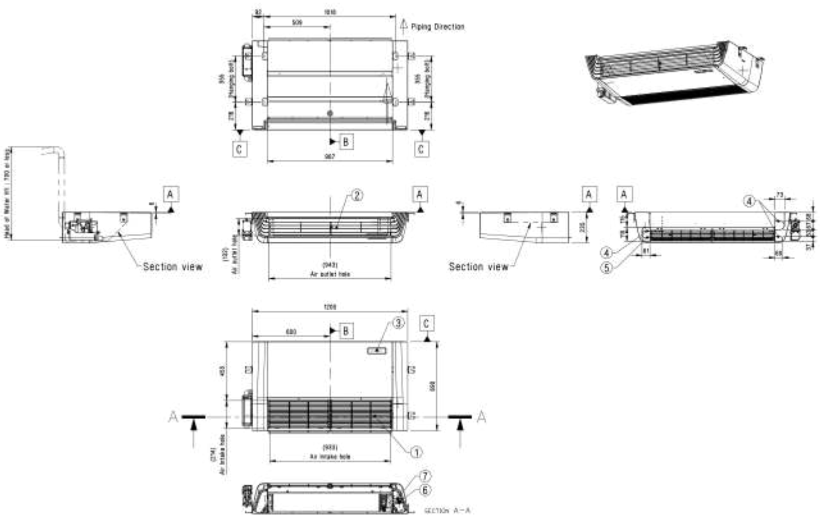


H-INVERTER (R32)

UV18FH.N10

(Unit : mm)

	PART NAME
1	Air Inlet
2	Air Outlet
3	Remote Controller Signal Receiver
4	Drain Hose Routing Hole
5	Refrigerant Pipe and Routing Hole
6	Gas Pipe Connection
7	Liquid Pipe Connection

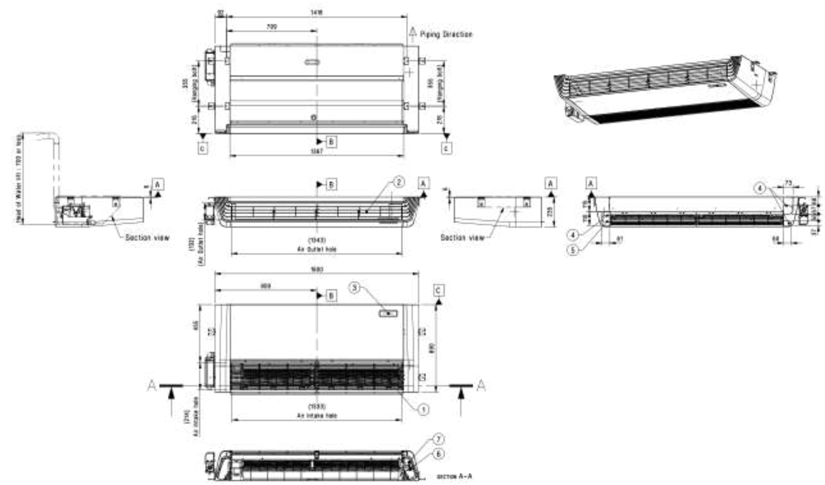


H-INVERTER (R32)

UV24FH.N20 / UV30FH.N20 / UV36FH.N20 / UV42FH.N20

(Unit : mm)

	PART NAME
1	Air Inlet
2	Air Outlet
3	Remote Controller Signal Receiver
4	Drain Hose Routing Hole
5	Refrigerant Pipe and Routing Hole
6	Gas Pipe Connection
7	Liquid Pipe Connection

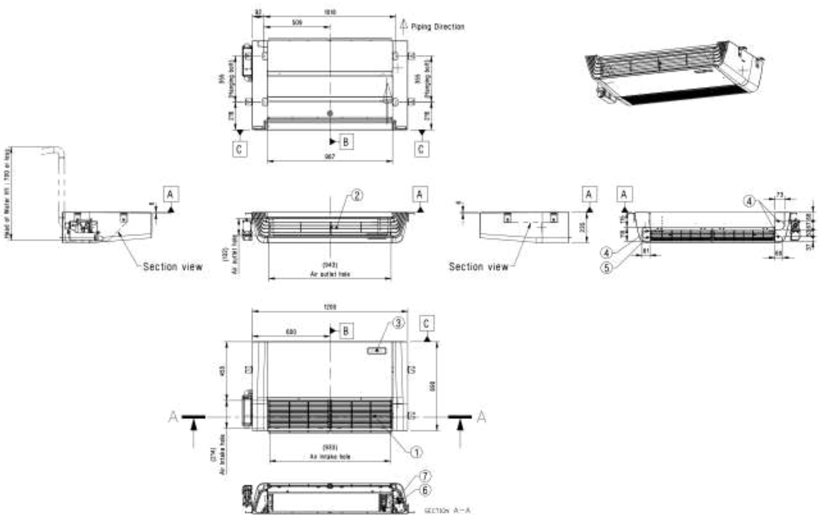


STANDARD / COMPACT INVERTER (R32)

UV18F.N10 / UV24F.N10 / UV30F.N10

(Unit : mm)

	PART NAME
1	Air Inlet
2	Air Outlet
3	Remote Controller Signal Receiver
4	Drain Hose Routing Hole
5	Refrigerant Pipe and Routing Hole
6	Gas Pipe Connection
7	Liquid Pipe Connection

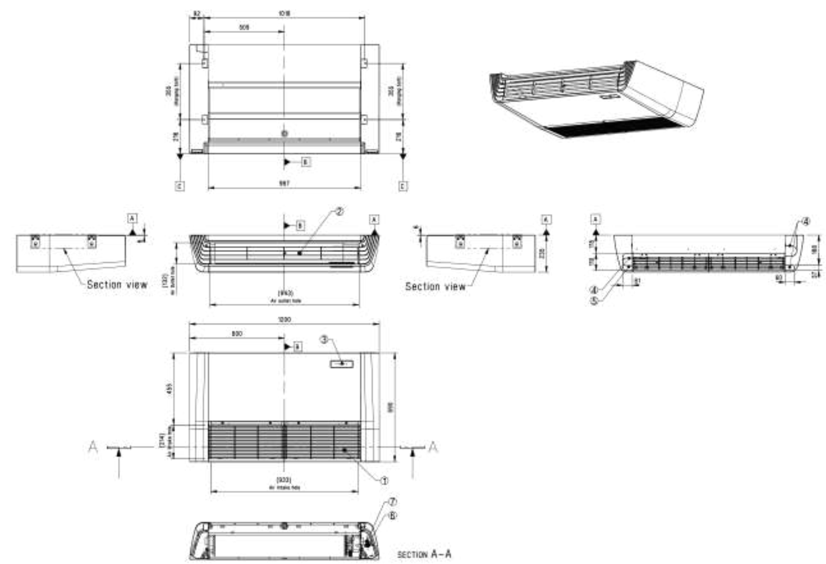


STANDARD INVERTER (R32)

UV36F.N20 / UV42F.N20 / UV48F.N20 / UV60F.N20

(Unit : mm)

	PART NAME
1	Air Inlet
2	Air Outlet
3	Remote Controller Signal Receiver
4	Drain Hose Routing Hole
5	Refrigerant Pipe and Routing Hole
6	Gas Pipe Connection
7	Liquid Pipe Connection

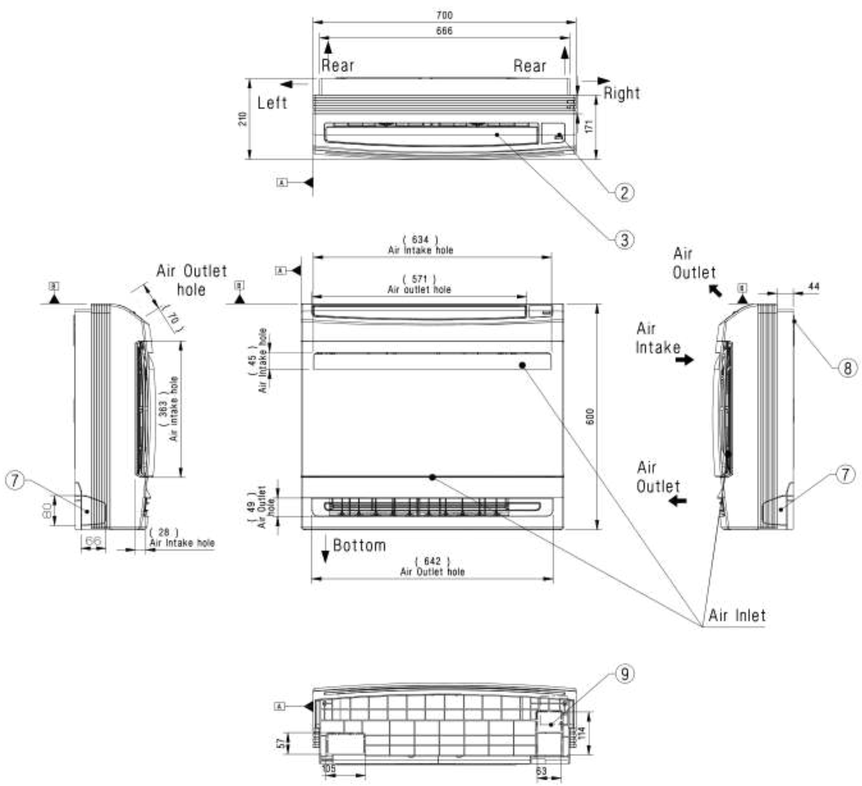


STANDARD INVERTER (R32)

UQ09.NA0 / UQ12.NA0 / UQ18.NA0

(Unit : mm)

	PART NAME
1	Air Suction Grille
2	Remote Controller Signal Receiver
3	Air Discharge Grille
4	Gas Pipe Connection
5	Liquid Pipe Connection
6	Drain Hose Connection
7	Refrigerant / Drain Pipe & Cable Routing Hole
8	Installation Plate
9	Terminal Block for Power Supply & Communication

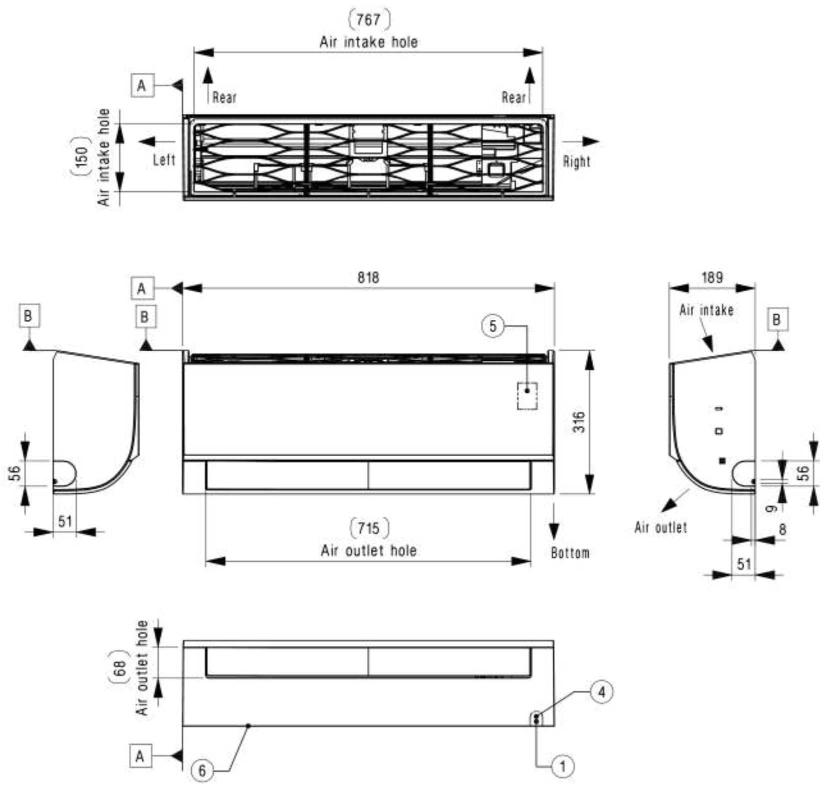


STANDARD INVERTER (R32)

MJ09PC.NSJ / MJ12PC.NSJ

(Unit : mm)

	PART NAME
1	Refrigerant / Drain Pipe and Cabel Routing Hole
2	Installation Plate
3	Drain Hose Connection
4	Terminal Block for Power Supply Communication
5	Display & Remote Controller Signal Receiver
6	Decoration Cover

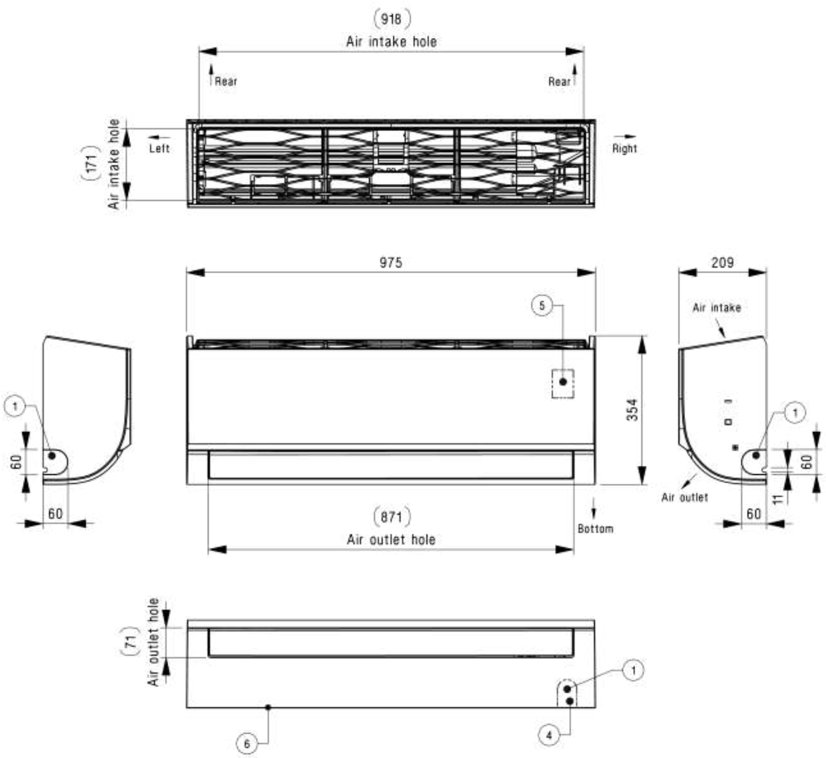


STANDARD INVERTER (R32)

MJ18PC.NSJ / MJ24PC.NSJ

(Unit : mm)

	PART NAME
1	Refrigerant / Drain Pipe and Cabel Routing Hole
2	Installation Plate
3	Drain Hose Connection
4	Terminal Block for Power Supply Communication
5	Display & Remote Controller Signal Receiver
6	Decoration Cover

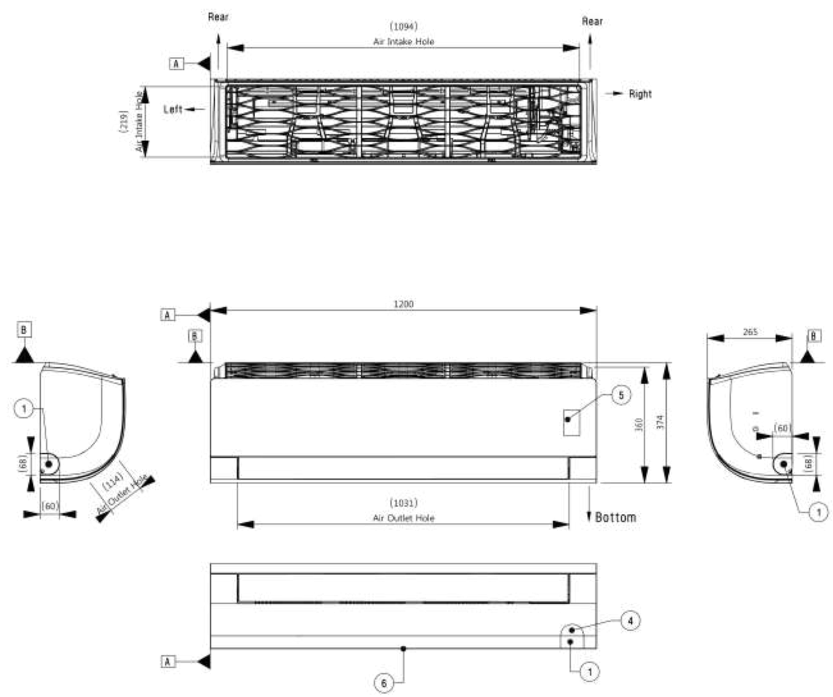


STANDARD / COMPACT INVERTER (R32)

US30F.NR0 / US36F.NR0

(Unit : mm)

	PART NAME
1	Refrigerant / Drain Pipe and Cabel Routing Hole
2	Installation Plate
3	Drain Hose Connection
4	Terminal Block for Power Supply Communication
5	Display & Remote Controller Signal Receiver
6	Decoration Cover

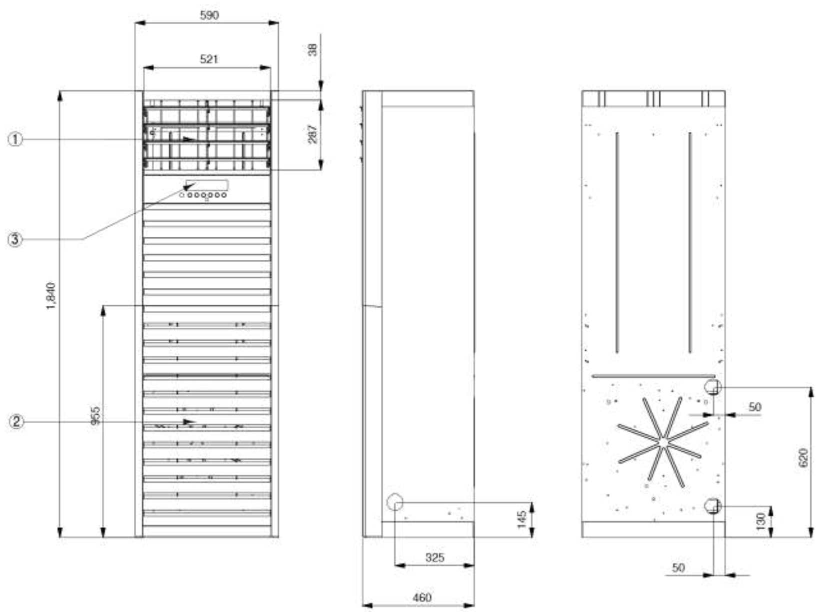


STANDARD INVERTER (R410A)

UP48.NT2

(Unit : mm)

	PART NAME
1	Front Air Discharge Grille
2	Display & Single Receiver
3	Air Suction Grille

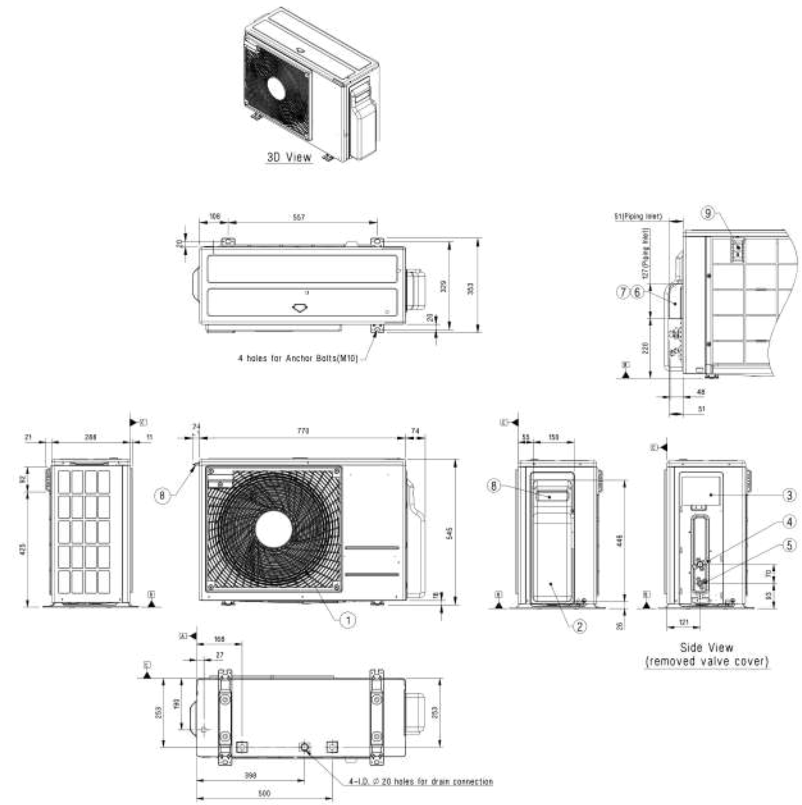


HIGH / STANDARD / COMPACT INVERTER (R32)

UUA1.UL0

(Unit : mm)

	PART NAME
1	Air Outlet
2	Control Cover & SVC Valve Cover
3	Power and Communication Cable Connection
4	Gas Pipe Connection
5	Liquid Pipe Connection
6	Power and Communication Cable Routing Hole
7	Refrigerant Pipe Routing Hole
8	Handle
9	Intake Air Temperature Sensor Cover

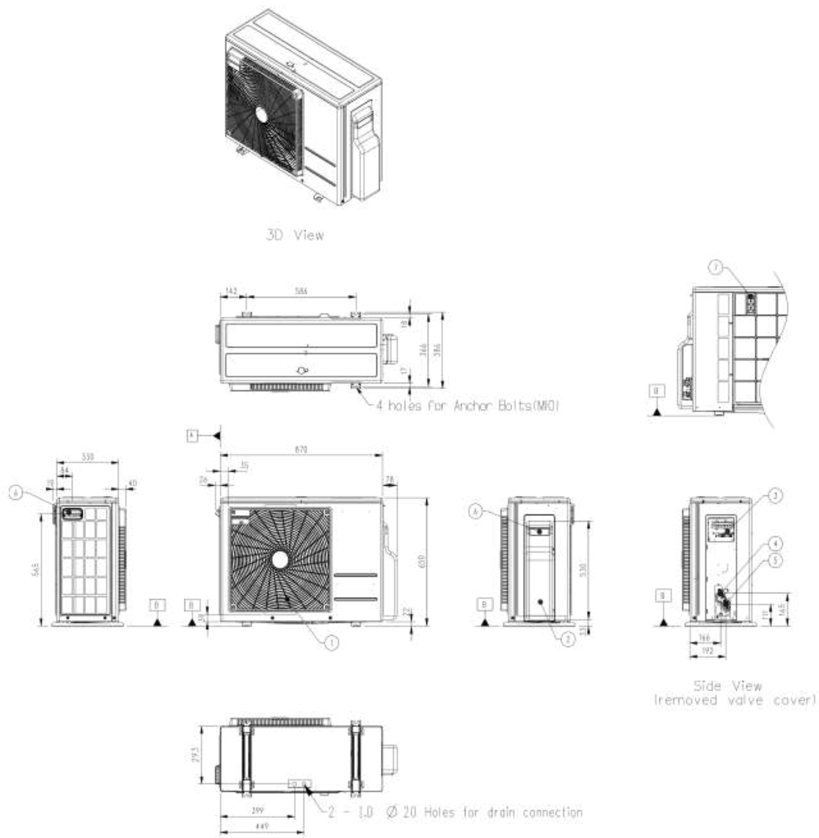


HIGH / STANDARD / COMPACT INVERTER (R32)

UUB1.U20

(Unit : mm)

	PART NAME
1	Air Outlet
2	Control Cover & SVC Valve Cover
3	Power and Communication Cable Connection
4	Gas Pipe Connection
5	Liquid Pipe Connection
6	Handle
7	Intake Air Temperature Sensor Cover

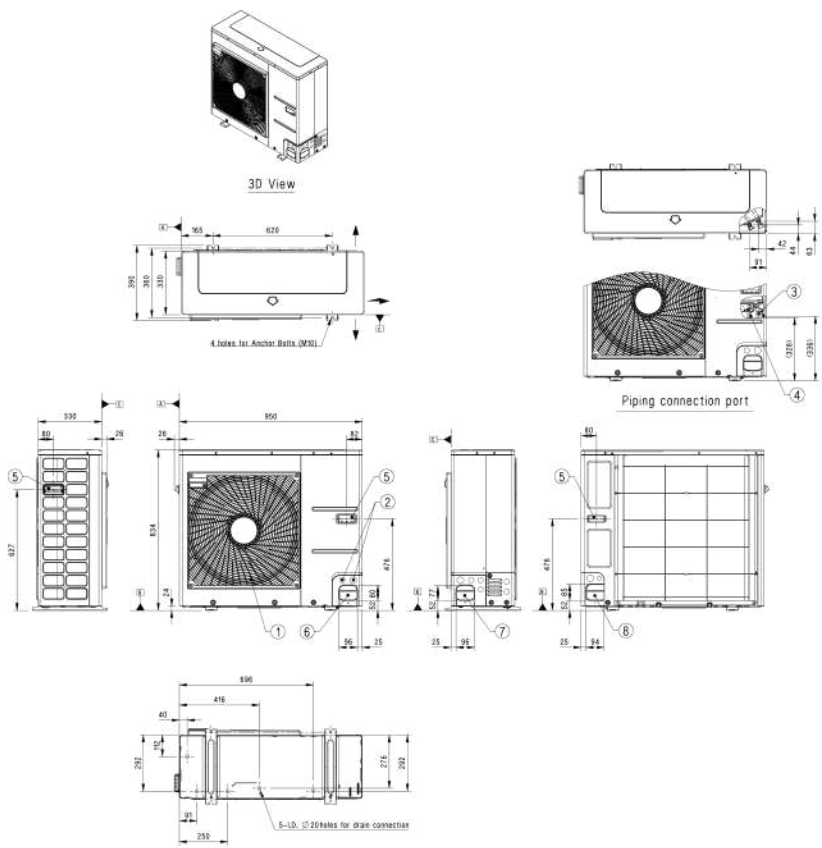


HIGH / STANDARD / COMPACT INVERTER (R32)

UUC1.U40

(Unit : mm)

	PART NAME
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)

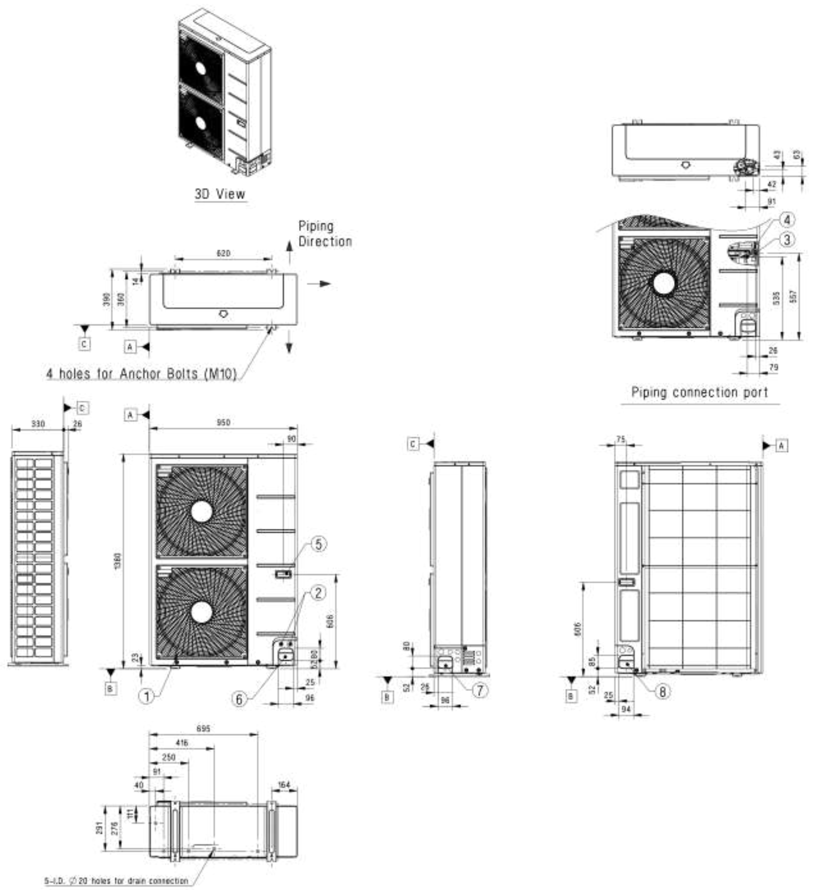


STANDARD INVERTER (R32)

UUD1.U30 / UUD3.U30

(Unit : mm)

	PART NAME
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)

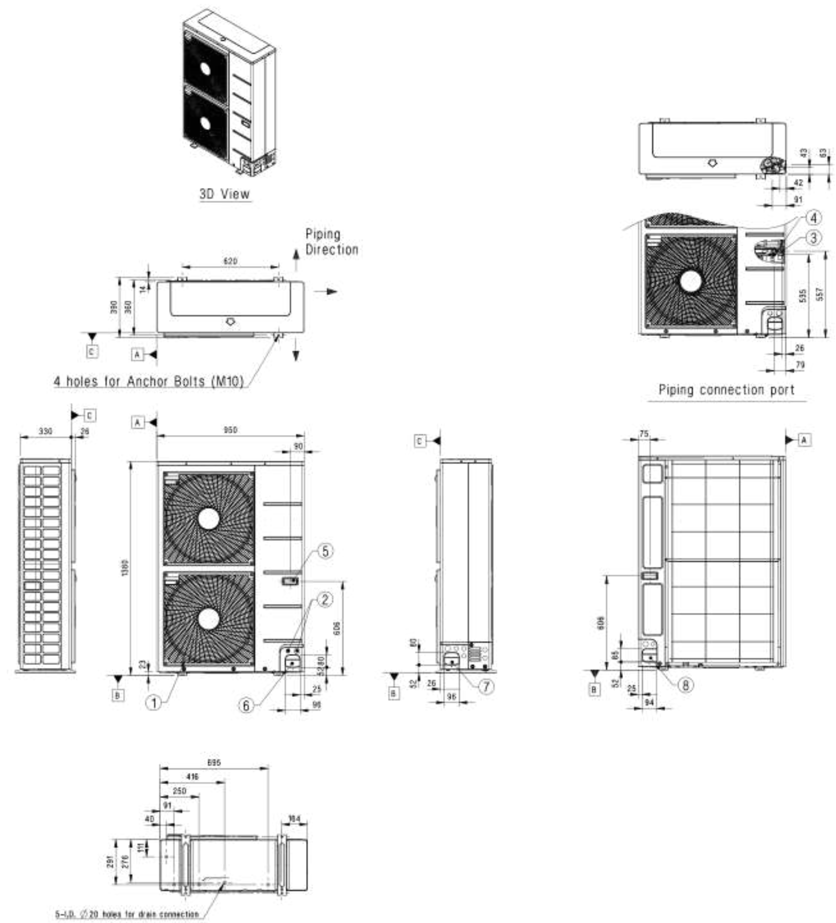


STANDARD INVERTER (R410A)

UU48W.U32 / UU49W.U32

(Unit : mm)

	PART NAME
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)

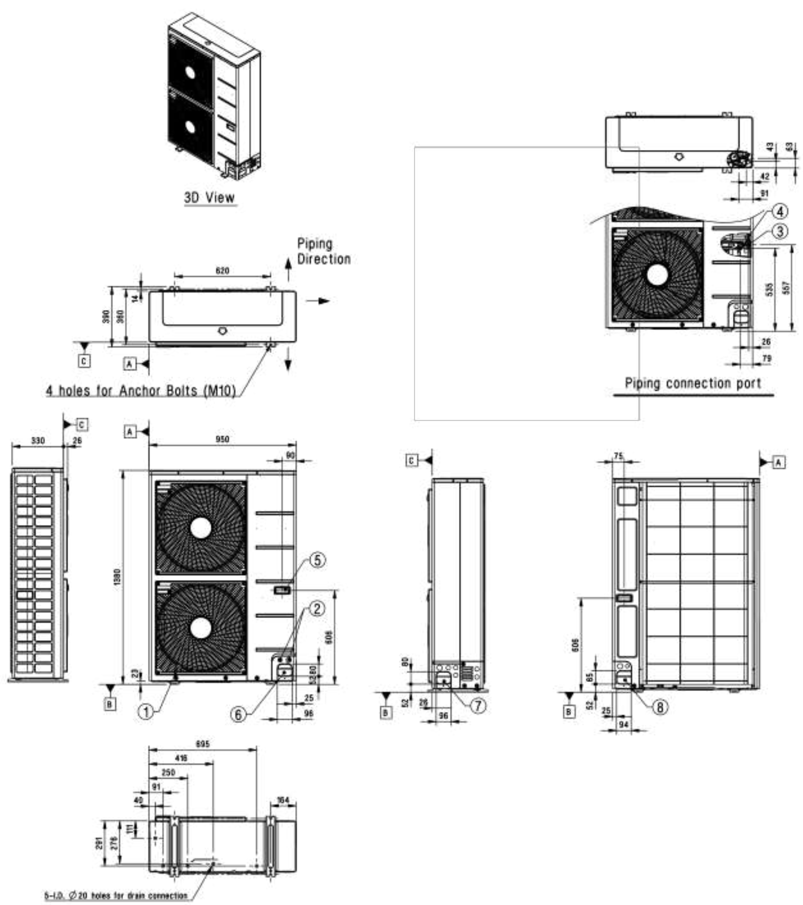


STANDARD INVERTER (R410A)

UU70W.U34

(Unit : mm)

	PART NAME
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)

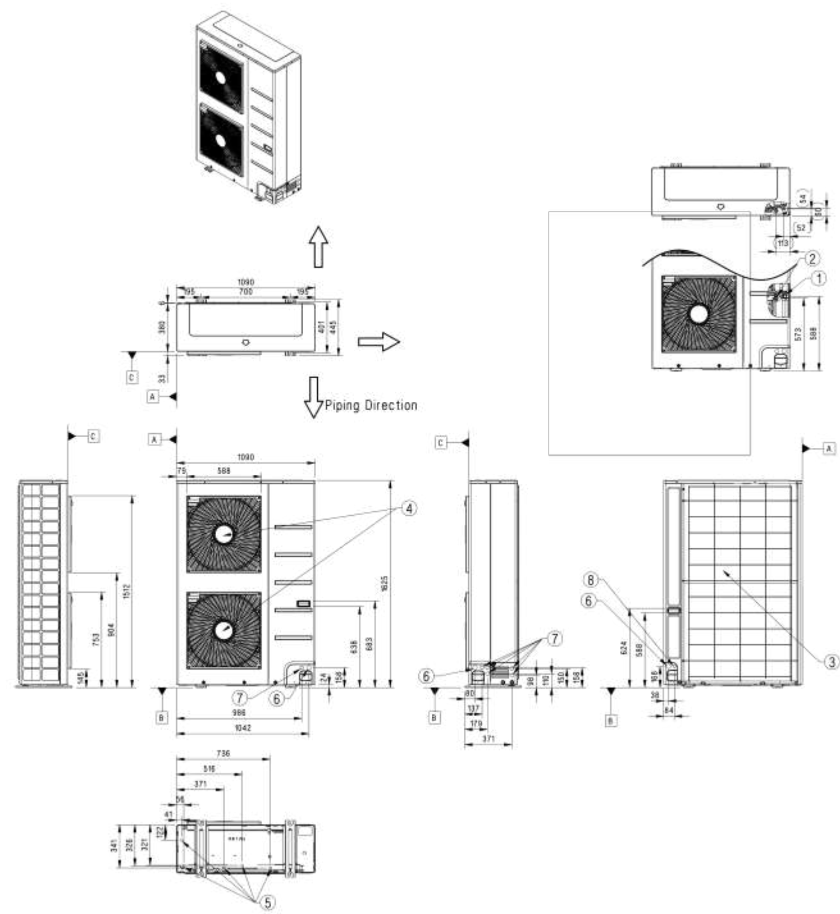


STANDARD INVERTER (R410A)

UU85W.U74

(Unit : mm)

	PART NAME
1	Gas Piping Connection
2	Liquid Piping Connection
3	Air Inlet
4	Air Outlet
5	Drain Hole 22
6	Power and communication Cable Hole
7	Power and communication Cable Hole
8	Power and communication Cable Hole



CHILLER