

192 ~ 407

COMMERCIAL

Single split

Chiller

SINGLE SPLIT



		kBtu/h	9	12	18	24	30	36	42	48	60	
Type		kW	2.5	3.4	5.0	6.8	8.0	9.5	12.0	13.4	14.6	
H-INVERTER (R32)	Ceiling Mounted Cassette	Mini	UT09FH.NQ0	UT12FH.NQ0								
		Standard			UT18FH.NB0	UT24FH.NA0	UT30FH.NA0	UT36FH.NA0	UT42FH.NA0	UT48FH.NA0	UT60FH.NA0	
	Ceiling Concealed Duct	Mid Static	UM12FH.N10	UM18FH.N10	UM24FH.N20	UM30FH.N20	UM36FH.N30	UM42FH.N30	UM48FH.N30			
		Low Static	UL12FH.N50	UL18FH.N30								
	Ceiling Suspended			UV18FH.N10	UV24FH.N20	UV30FH.N20	UV36FH.N20	UV42FH.N20				
	ODU	10	UUA1.U0	UUB1.U20	UUC1.U40				UUD1.U30			
		30							UUD3.U30			
	STANDARD INVERTER (R32)	Ceiling Mounted Cassette	Mini	CT09F.NR0	CT12F.NR0	CT18F.NQ0						
			Standard			CT24F.NB0	UT30F.NB0	UT36F.NA0	UT42F.NA0	UT48F.NA0	UT60F.NA0	
			Round					UT36F.NY0		UT48F.NY0		
Ceiling Concealed Duct		Mid Stati			CM18F.N10	CM24F.N10	UM30F.N10	UM36F.N20	UM42F.N20	UM48F.N30	UM60F.N30	
		Low Static	CL09F.N50	CL12F.N50	CL18F.N60	CL24F.N30						
Ceiling Suspended				UV18F.N10	UV24F.N10	UV30F.N10	UV36F.N20	UV42F.N20	UV48F.N20	UV60F.N20		
Wall Mounted		MJ09PC.NSJ	MJ12PC.NSJ	MJ18PC.NSK	MJ24PC.NSK	US30F.NR0	US36F.NR0					
Console		UQ09F.NA0	UQ12F.NA0	UQ18F.NA0								
ODU		10	UUA1.U0	UUB1.U20	UUC1.U40				UUD1.U30			
		30							UUD3.U30			

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

		kBtu/h	18	24	30	36	42	48	60	70	85	
Type		kW	5.0	6.8	8.0	9.5	12.0	13.4	14.6	20.0	25.0	
COMPACT INVERTER (R32)	Ceiling Mounted Cassette	Mini	CT18F.NQ0									
		Standard		CT24F.NB0	UT30F.NB0	UT36F.NA0						
	Ceiling Concealed Duct	Mid Static	CM18F.N10	CM24F.N10	UM30F.N10	UM36F.N20						
		Low Static	CL18F.N60	CL24F.N30								
	Ceiling Suspended	UV18F.N10	UV24F.N10	UV30F.N10	UV36F.N20							
	Wall Mounted			US30F.NR0	US36F.NR0							
	ODU	10	UUA1.U0	UUB1.U20	UUC1.U40							
	STANDARD INVERTER (R410A)	Ceiling Concealed Duct (High Static)								UB70.N95	UB85.N95	
		Floor Standing							UP48.NT2			
		ODU	10							UU48W.U32		
30									UU49W.U32	UU70W.U34	UU85W.U74	

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● Standard / ◎ Option

CATEGORY	FEATURES	INDOOR						
		CEILING MOUNTED CASSETTE (R32)			CEILING CONCEALED DUCT			
		4 WAY	MINI	ROUND	LOW STATIC (R32)	MID STATIC (R32)	HIGH STATIC (R410A)	
Supreme Energy Efficiency	Inverter Technology	●	●	●	●	●	●	
	Power Saving Start Up	●	●	●	●	●	●	
	Peak Current Control	●	●	●	●	●	●	
	Human Detection Operation	◎	-	-	-	-	-	
	Standby Mode	●	●	●	●	●	●	
Comfort Environment	Comfort Cooling with Humidity Sensor	●	-	●	-	-	-	
	Night Silent Operation	●	-	●	●	●	●	
	Continuous Cooling Operation	●	-	●	●	●	●	
	UVnano Filter Box	-	-	-	-	◎	-	
	6 Air Flow Mode by Dual Vane	●	-	-	-	-	-	
	Crystal Vane	-	-	●	-	-	-	
	Air Purification Kit (5 Step)	◎	-	◎	-	-	-	
	Individual Flap (Vane) Control	●	-	-	-	-	-	
	Ionizer	-	◎	-	-	-	-	
	Auto Cooling-Heating Changeover	●	●	●	●	●	●	
	Auto Cleaning	●	●	●	●	●	●	
	Hot Start	●	●	-	-	-	-	
	High Performance & Reliability	Quick & Reliable Operation	●	●	●	●	●	●
		Embedded Humidity Sensor	●	-	●	-	-	-
Auto-Restart		●	●	●	●	●	●	
Self-Diagnosis		●	●	●	●	●	●	
Duty Rotation		●	-	-	●	●	●	
Drain Pump Kit		●	●	●	●	●	◎ (PBDP9)	
ThinQ** (Wi-Fi / Voice Control)		◎	◎	◎	◎	◎	◎	
Convenient Control System	Easy Control (PI-485 Connection)	●	●	●	●	●	●	
	1 Point External Input	●	●	●	●	●	●	
	Scheduling Program (Day, Week, Month)***	◎	◎	◎	◎	◎	◎	
	Fan Speed Steps	5 Step (Cool) 4 Step (Heat)	5 Step (Cool) 4 Step (Heat)	5 Step (Cool) 4 Step (Heat)	3 Step	3 Step	3 Step	
	Centralised Control	●	●	●	●	●	●	
	Two Thermistors Control	◎	-	◎	◎	◎	◎	
	Fan Only	●	●	●	●	●	●	
	Dry Function Program	●	●	●	●	●	●	
	Air Filter	●	●	●	●	●	●	
	Wired Remote Control	Hi inverter : Standard Others : ◎	Hi inverter : Standard Others : ◎	◎	Hi inverter : Standard Others : ◎	Hi inverter : Standard Others : ◎	◎	
	Wireless Remote Control	◎	◎	◎	◎	◎	◎	
	External Static Pressure (ESP) Control	-	-	-	●	●	●	
	Auto ESP	-	-	-	-	●	-	
	Zone Control	-	-	-	◎ (ABZCA)	◎ (ABZCA)	◎ (ABZCA)	
	Mode Lock*	●	●	●	●	●	●	
	Elevation Grill with Air Purification	◎	-	-	-	-	-	
	Forced Cooling Operation	●	-	●	●	●	●	
	Mobile LGMV	●	●	●	●	●	●	
	Enhanced Application	Synchro Function	●	●	-	●	●	-

* With controller PREMTB001 / PREMTBB01 / PREMTB101 / PREMTBB11 for 9 & 12kBtu
 ** Available with LG Wi-Fi modem (PWFMD200) and it should be connected to the indoor unit.
 *** Weekly program is available with wired remote controller.

● Standard / ◎ Option

CATEGORY	FEATURES	INDOOR				
		CEILING SUSPENDED (R32)	CONSOLE (R32)	WALL MOUNTED (R32)	FLOOR STANDING (R410A)	
		Supreme Energy Efficiency	Inverter Technology	●	●	●
Power Saving Start Up	●		●	●	●	
Peak Current Control	●		●	●	●	
Human Detection by Thermopile Sensors	-		-	-	-	
Standby Mode	●		●	●	●	
Comfort Environment	Comfort Cooling with Humidity Sensor	●	●	-	-	
	Night Silent Operation	●	●	●	●	
	Continuous Cooling Operation	●	●	●	●	
	UVnano Filter Box	-	-	-	-	
	6 Air Flow Mode by Dual Vane	-	-	-	-	
	Crystal Vane	-	-	-	-	
	Air Purification Kit (5 Step)	-	-	-	-	
	Individual Flap Control	-	-	-	-	
	Ionizer	-	●	-	-	
	Auto Cooling-Heating Changeover	●	●	●	●	
	Auto Cleaning	●	●	●	●	
	Hot Start	-	-	-	-	
	High Performance & Reliability	Quick & Reliable Operation	●	●	●	●
		Embedded Humidity Sensor	-	-	-	-
Auto-Restart		●	●	●	●	
Self-Diagnosis		●	●	●	●	
Duty Rotation		-	-	●	-	
Drain Pump Kit		-	-	-	-	
ThinQ** (Wi-Fi / Voice Control)		◎	●	●	-	
Convenient Control System	Easy Control (PI-485 Connection)	●	●	●	●	
	1 Point External Input	●	●	-	●	
	Scheduling Program (Day, Week, Month)***	◎	◎	◎	-	
	Fan Speed Steps	5 Step	5 Step (Cool) 4 Step (Heat)	6 Step	4 Step	
	Centralised Control	●	●	●	●	
	Two Thermistors Control	◎	◎	◎	-	
	Fan Only	●	●	●	●	
	Dry Function Program	●	●	●	●	
	Air Filter	●	●	●	●	
	Wired Remote Control	Hi inverter : Standard Others : ◎	◎	◎	-	
	Wireless Remote Control	◎	●	●	●	
	External Static Pressure (ESP) Control	-	-	-	-	
	Auto ESP	-	-	-	-	
	Zone Control	-	-	-	-	
Mode Lock*	●	●	●	●		
Elevation Grill with Air Purification	-	-	-	-		
Forced Cooling Operation	●	●	●	●		
Mobile LGMV	●	●	●	●		
Enhanced Application	Synchro Function	-	-	-		



World Class
High Efficiency

Outdoor Line-up & Operation Range by model

Refrigerant	kBtu/h(kW)	Outdoor Unit	Dimensions (H x W x D) mm	Weight kg (Net)	Power Supply Ø / V / Hz	Line Up Model Q'ty by Operation Range Heating (°C) Min./Max.			
						-25 / 18 (°C)	-20 / 18 (°C)	-15 / 18 (°C)	-10 / 18 (°C)
R32	9k (2.5kW)	UUA1	770 x 545 x 288	33.3		12 Models		4 Models	
	12k (3.4kW)								
	18k (5.0kW)	UUB1	870 x 650 x 330	44.5	1 / 220-240 / 50	-	10 Models	8 Models	-
	24k (6.8kW)	UUC1	950 x 834 x 330	57.7		15 Models	4 Models		
	30k (8.0kW)								
	36k (9.5kW)	UUD1 / UUD3	950 x 1,380 x 330	85.0	1 / 220-240 / 50 3 / 380-415 / 50	48 Models			
42k (12.0kW)									
48k (13.4kW)									
60k (14.6kW)									
R410A	48k (13.4kW)	UU48 / UU49	950 x 1,380 x 330	92.0 / 96.0	1 / 220-240 / 50 / 3 / 380-415 / 50				
	70k (20.0kW)	UU70W	950 x 1,380 x 330	110.0		-18 / 18 (°C) (4 Models)			
	85k (25.0kW)	UU85W	1,090 x 1,625 x 380	144.0	3 / 380-415 / 50				

* This specification can be different as per each model or combination.

CATEGORY	FEATURES	OUTDOOR				
		R32				
		UUA1	UUB1	UUC1	UUD1	UUD3
OUTDOOR	R1 Compressor	-	-	-	●	●
	Inverter Technology	●	●	●	●	●
	Guarantee Operation Down to	-20°C (H-inverter, Standard) -10°C (Compact)	-20°C (H-inverter, Standard) -15°C (Compact)	-20°C (H-inverter, Standard) -15°C (Compact)	-25°C	-25°C
	Corrosion Resistance Black Fin	●	●	●	●	●
	Corrosion Resistance Golden Fin	-	-	-	-	-
	Chargeless of Piping Length	10 m	10 m	20 m	20 m	20 m
	Pressure Sensor	●	●	●	●	●
	Connection with AHU	-	PAHCMR000 PAHCMS000	PAHCMR000 PAHCMS000	PAHCMR000 PAHCMS000	PAHCMR000 PAHCMS000
	Synchro Function	-	-	-	●	●
	Long Pipe Installation	30 m	30 m 35 m (Compact)	50 m	85 m	75 m
	Peak Current Control	-	●	●	●	●
	Continuous Cooling Operation	-	●	●	●	●
	Mode Lock	-	●	●	●	●
	PI 485	●	●	●	●	●

CATEGORY	FEATURES	OUTDOOR			
		R410A			
		UU48W	UU49W	UU70W	UU85W
OUTDOOR	R1 Compressor	-	-	-	-
	Inverter Technology	●	●	●	●
	Guarantee Operation Down to	-18°C	-18°C	-18°C	-18°C
	Corrosion Resistance Black Fin	-	-	●	●
	Corrosion Resistance Golden Fin	●	●	-	-
	Chargeless of Piping Length	7.5 m	7.5 m	25 m	15 m
	Pressure Sensor	●	●	●	●
	Connection with AHU	PAHCMR000	PAHCMR000	PAHCMR000	PAHCMR000
	Synchro Function	-	-	-	-
	Long Pipe Installation	75 m	75 m	75 m	75 m
	Peak Current Control	-	-	●	●
	Continuous Cooling Operation	●	●	●	●
	Mode Lock	-	-	●	●
	PI 485	●	●	●	●

Premium Solution for Retail Ceiling Cassette



Maximizing Business, Minimizing Cost

Premium Design & Customer Oriented Functions

- Premium interior with brighter (white) panel suits any shop
- Customer oriented functions with intelligent functions (Direct/Indirect Mode)
- Uniform space cooling & heating by power cooling & heating mode

Energy Savings

- Low operation cost by High SEER products
- Adjust evaporating temperature by dual sensing (Humidity + Temperature)
- Various energy saving solutions (scheduling, energy monitoring and interlocking)
- Real-time energy monitoring

Ease of Operation and Maintenance

- Convenient control via smartphone
- Intuitive wired remote controller

Customized Solution for Office Ceiling Cassette

Supporting Efficiency with Fresh and Comfort Air

Comfortable Office Environment

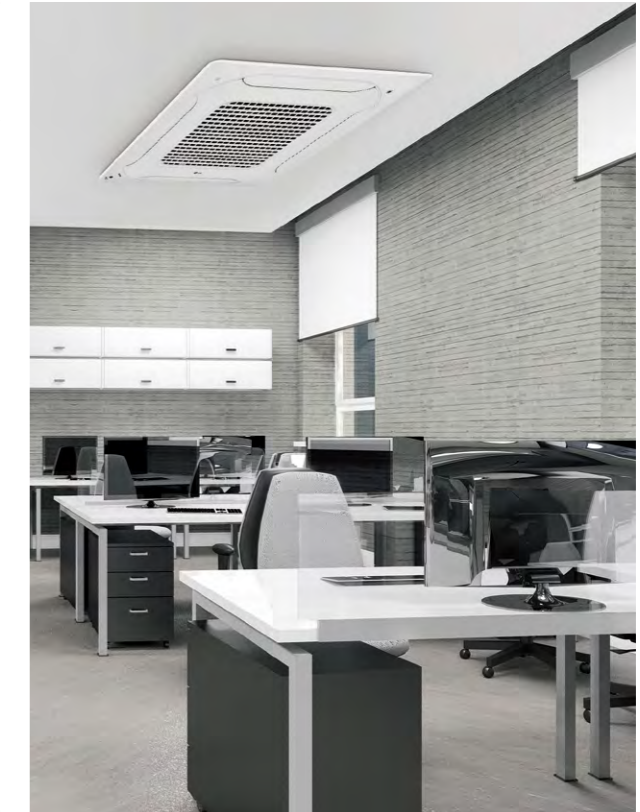
- Human oriented air flow (Direct/Indirect/Refresh mode)
- Foot thermal comfort by floor temperature detection
- Powerful performance by power cooling & heating mode
- High ceiling operation such as lobbies and reception areas (Max. 5m)

Energy Savings

- Adjust evaporating temperature by dual sensing
- Low operation cost with High SEER products
- Auto on/off operation by human detection
- LG's smart central controller provides a variety of energy saving solutions (scheduling, interlocking, peak control and energy navigation)

Ease of Operation and Maintenance

- Convenient control via smartphone
- Easy maintenance by elevation grille
- Convenient diagnosis by black box function



Comfort Solution for Residential: Ceiling Concealed Duct



Creating a Comfortable Home with Low Cost

Simple & low cost Installation for Entire House

- Cooling or heating for several rooms with one set of Ceiling Concealed Duct
- Easy control of air volume for each rooms by zone controller accessory
- Flexible installation by ESP control

Energy Savings

- Low operation cost with High SEER product
- Various energy saving solutions (scheduling, energy monitoring and interlocking)

Ease of Operation

- Anytime, anywhere control via smartphone
- Intuitive wired remote controller

Optimized Solution for Technical: Wall Mounted

Reliable and Efficient Technical Cooling

Reliability

- Continuous cooling operation at -20 ~ 52°C*
- Quick & Reliable operation with temperature & pressure control
- Round-the-clock cooling (24h, 365 days)
- Power cooling mode for peak time
- Duty operation via a server room controller

Energy Savings

- Low operation cost by High SEER product
- Real-time energy monitoring

Ease of Operation and Maintenance

- Convenient control via remote controller or centralized control
- Immediate diagnosis via mobile LGMV
- Accurate diagnosis via black box function



SEER / SCOP

LG's advanced technologies achieve world-class energy efficiency.



SEER / SCOP class

kW	2.5	3.4	5.0	6.8	8.0	9.5	Average
SEER	7.0	6.8	7.6	8.5	7.8	7.6	7.6
	A++	A++	A++	A+++	A++	A++	A++
SCOP	4.0	4.0	4.4	4.8	4.8	4.5	4.4
	A+	A+	A+	A++	A++	A+	A+

※ These values are based in the H-Inverter Ceiling Cassette model and can change based on the applied combination.

European Energy Labeling

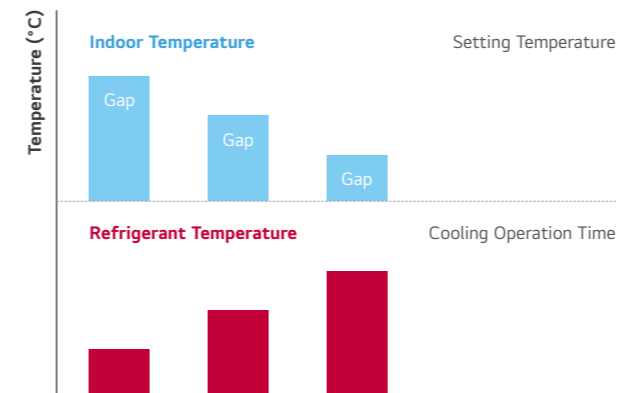
	SEER	SCOP
A+++	SEER ≥ 8.5	SCOP ≥ 5.1
A++	6.1 ≤ SEER < 8.5	4.6 ≤ SCOP < 5.1
A+	5.6 ≤ SEER < 6.1	4.0 ≤ SCOP < 4.6
A	5.1 ≤ SEER < 5.6	3.4 ≤ SCOP < 4.0
B	4.6 ≤ SEER < 5.1	3.1 ≤ SCOP < 3.4
C	4.1 ≤ SEER < 4.6	2.8 ≤ SCOP < 3.1
D	3.6 ≤ SEER < 4.1	2.5 ≤ SCOP < 2.8

※ Based on Ceiling Cassette (6.8 kW)

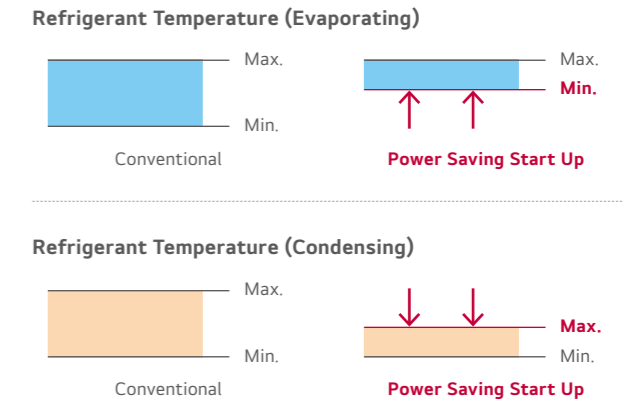
Energy Savings

LG commercial air conditioners will automatically alter the temperature of discharge air by controlling their refrigerant temperature based on the difference between the indoor temperature and the target indoor temperature. During cooling operation, evaporating temperature will increase if the temperature difference reduces. This allows for enhanced comfort and reduced energy consumption.

Comfortable Indoor Air

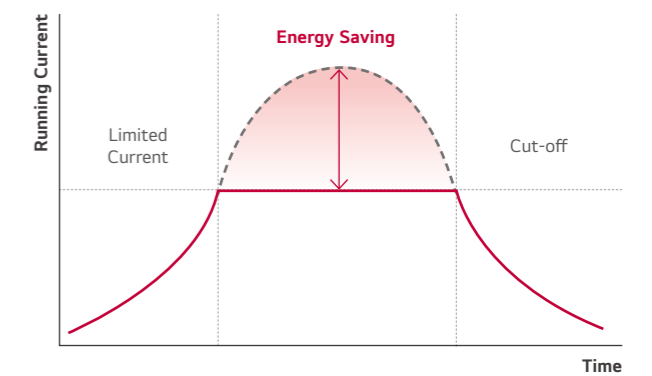


Energy Saving



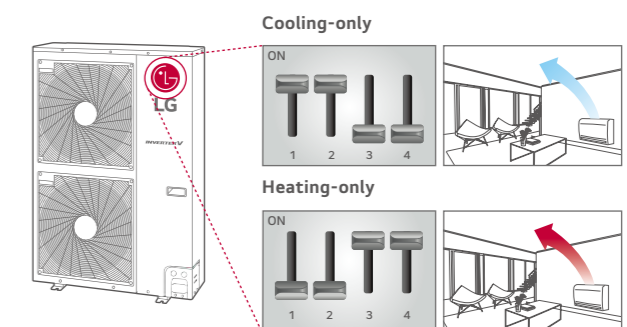
Peak Current Control

The peak current control function prevents the air conditioner from running at the maximum level while maintaining current system settings, in order to reduce energy consumption. This function helps minimize energy costs during the peak periods of energy use when the energy billing is much higher.



Mode Lock

Set the operation mode to either cooling-only or heating-only; either by adjusting the wired remote controller or setting the DIP switch to avoid combined use of cooling and heating. (Some models need wired remote controller for mode lock function according to feature overview table)



Comfort with Temperature & Humidity Sensors

With Dual Sensing Control, air conditioners can rapidly achieve a comfortable indoor environment for customers.



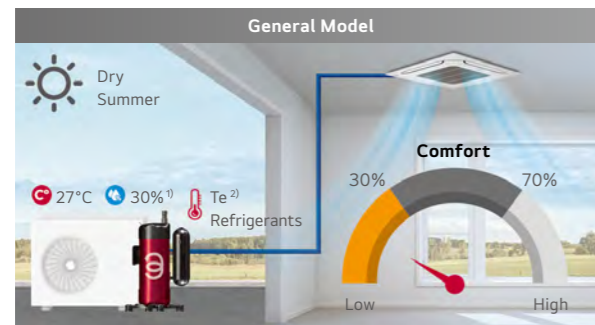
By sensing both temperature and humidity, this feature helps avoid over-cooling and dehumidification, maximizing comfort



※ Comfort cooling apply to Ceiling Cassette, Ceiling Suspended, Console
- It does not apply to small capacity cassette models. (UT09FH, UT12FH, CT09F, CT12F, CT18F)

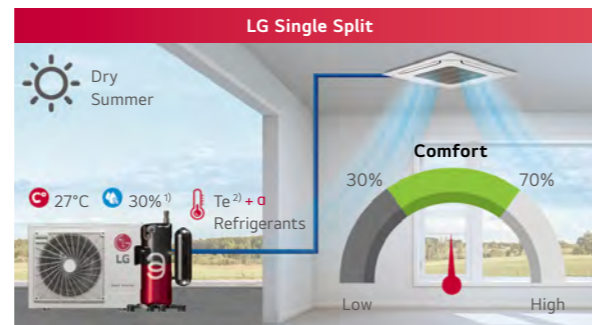
Dry Summer

During a dry summer season, the system senses the low humidity levels and decreases the operating ratio to increase humidity for a more comfortable environment and energy efficient operation.



- **Uncomfortable Environment**
Excessive latent heat elimination regardless of humidity
- **Waste Energy**
Eliminate latent heat unnecessarily

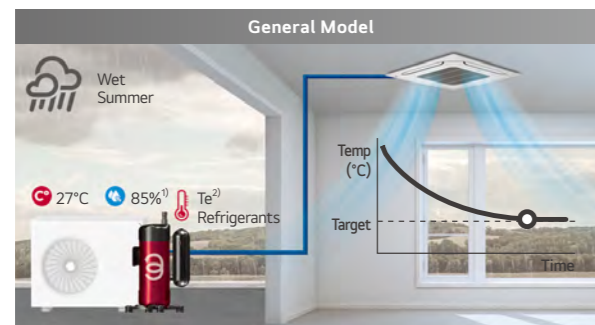
※ Humidity Condition : Low (<30%), Standard (30-70%)
1) Indoor Condition 2) Evaporation Temperature



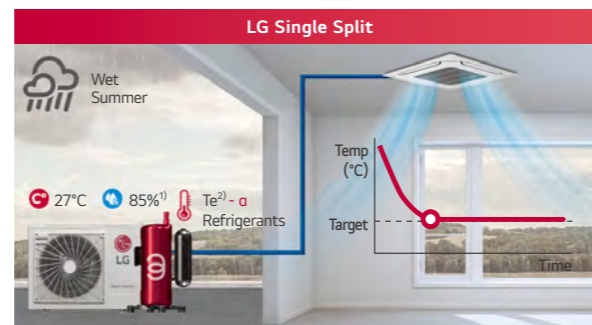
- **Comfortable Environment**
By making the room less dry
- **Increased Energy Efficiency**
provides optimized cooling and saves energy considering humidity

Wet Summer

During a wet summer season, the system senses the high humidity levels and increases the operating ratio to rapidly decrease humidity for a more comfortable indoor environment.



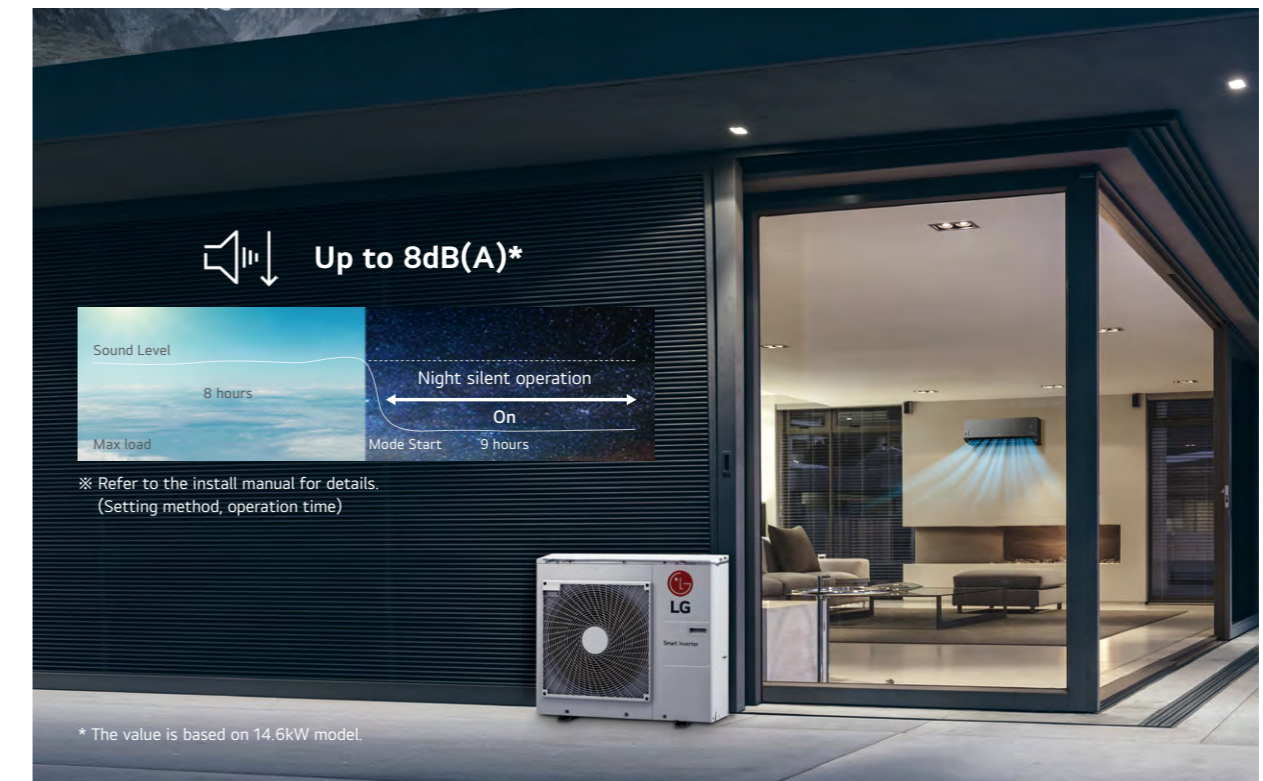
- **Uncomfortable Environment**
General latent heat elimination regardless of humidity
- 1) Indoor Condition 2) Evaporation Temperature



- **Comfortable Environment**
Quick latent heat elimination with humidity sensors

Night Silent Operation

Night Silent Operation can reduce noise levels at night time by simply setting the dip switch on the PCB of the outdoor unit.

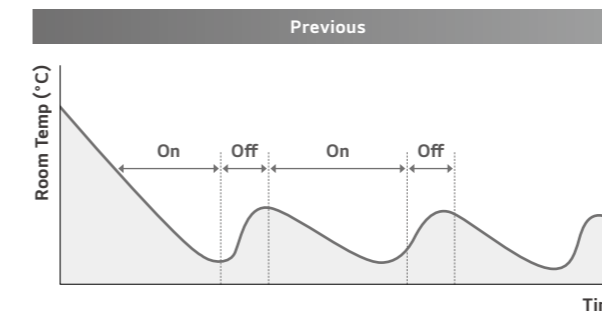


※ Refer to the install manual for details.
(Setting method, operation time)

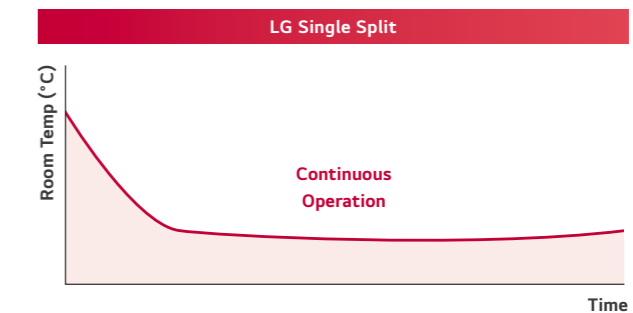
* The value is based on 14.6kW model.

Continuous Cooling Operation

LG Single Split is able to perform continuous cooling at low ambient temperature. (as low as -15°C)



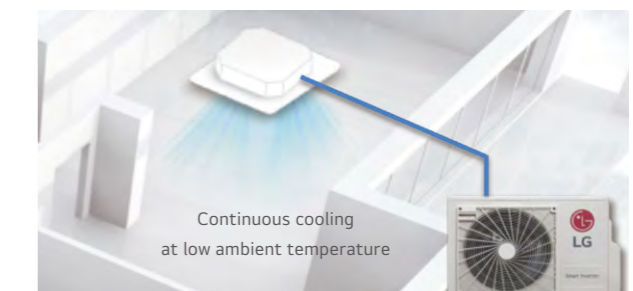
※ Outdoor -15°C



※ Outdoor -20°C



※ Based on a stand 36k model. (before 2019)

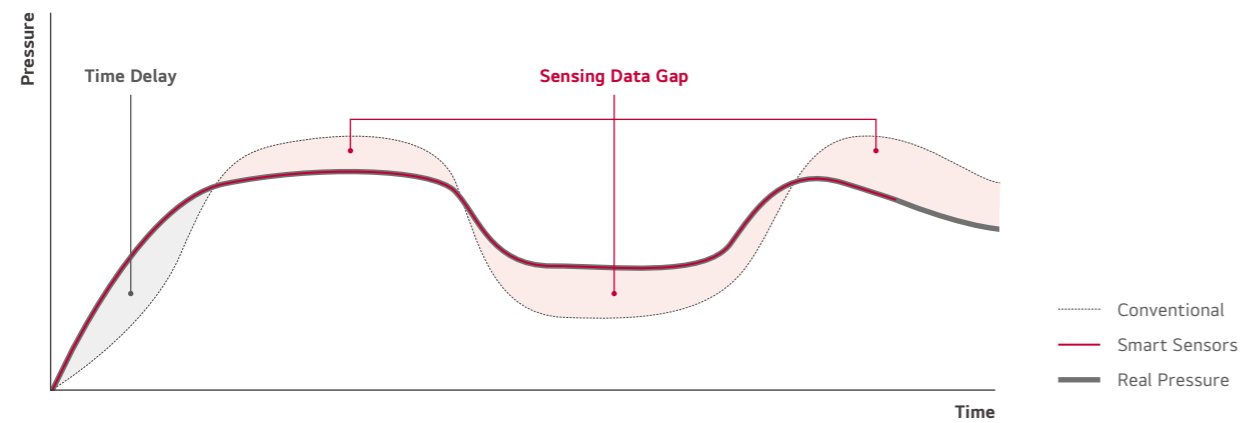
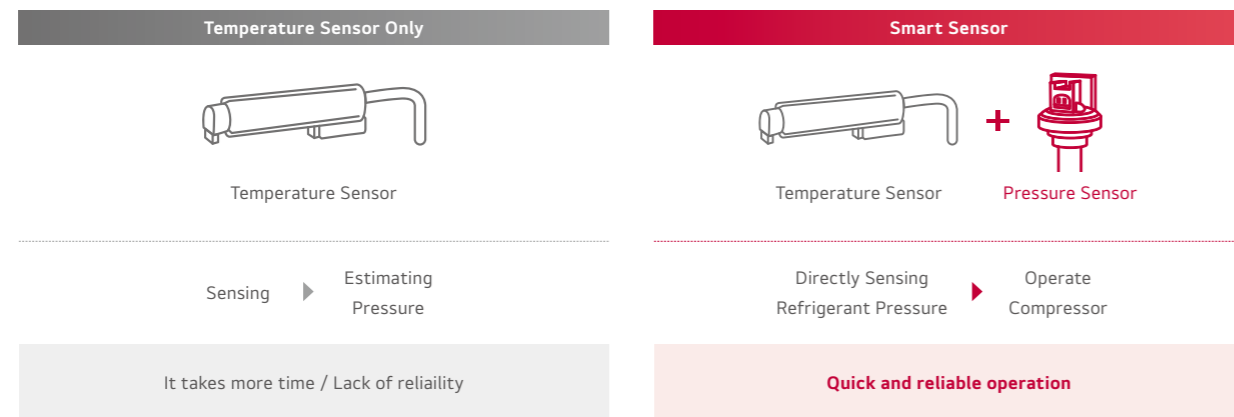


※ Based on a stand 36k model. (after 2019)

Quick & Reliable Operation

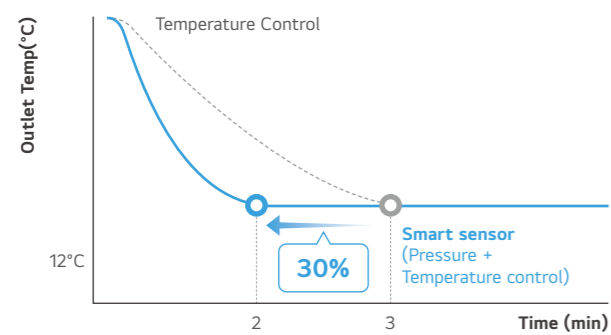
Through pressure and temperature sensing, the desired indoor temperature can be reached more rapidly.

- Quick response due to sensing and ready for operation mode.
- Target performance point is reached while avoiding compressor damage from liquid compression or oil shortage.



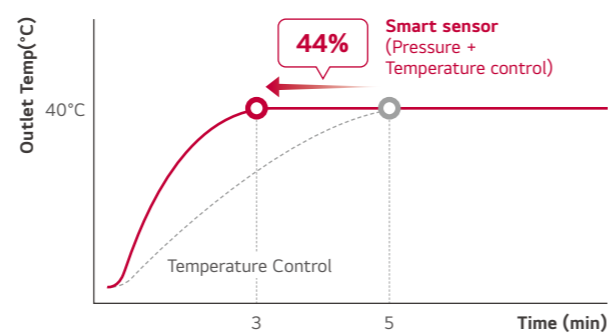
- With pressure sensing, the desired temperature is achieved in 30% less time in cooling and 44% in heating.

Cooling



※ Based on internal test data.

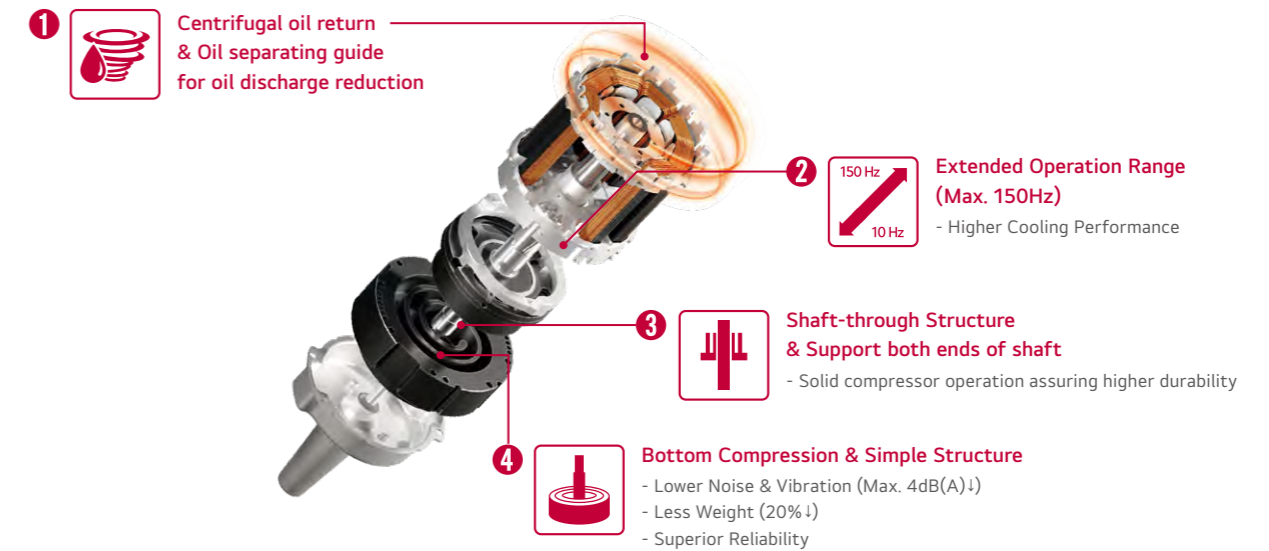
Heating



※ Based on internal test data.

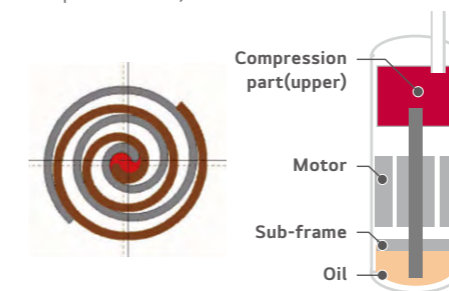
R1 Compressor™

R1 Compressor is one that combines high efficiency, low sound characteristics of the scroll and the simple compressing structure of the rotary compressor. This technology results in a highly efficient compact model.

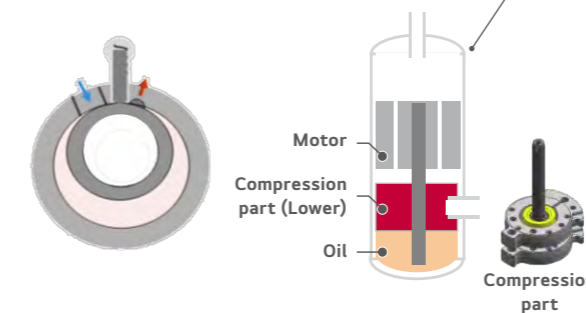


Conventional Compressor

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



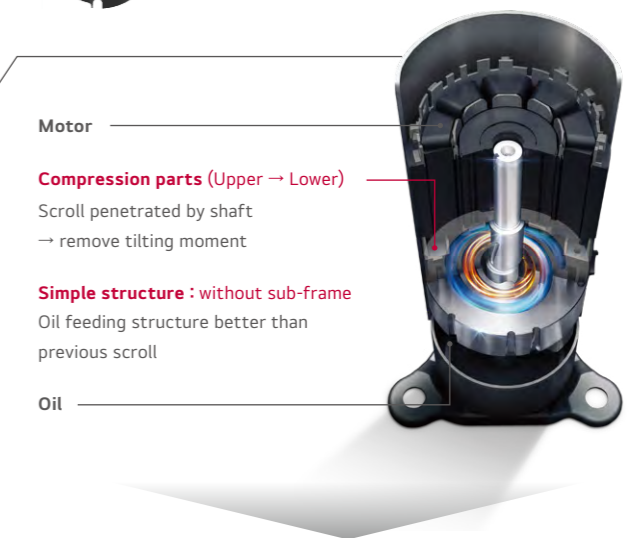
Rotary : Simple structure (Compression per 1 rotation)



R1 Compressor™

Revolutionary Scroll
High efficiency / Stable & Simple Structure

Hybrid Scroll Shape (LG patent)*
* Patent registration number (S.Korea : 10-1059880, USA : RE46106)



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

Corrosion Resistance Black Fin

The black coating with enhanced epoxy resin is applied for strong protection from various external corrosive conditions such as salt contamination and air pollution including fumes from factories.

Longer Lifespan, Lower Maintenance Costs

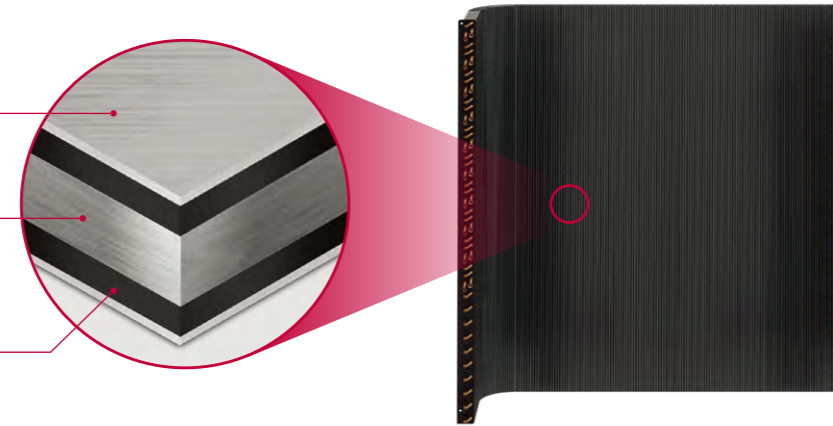
Hydrophilic film (Water flow)

The Hydrophilic coating minimizes moisture buildup on the fin.

Complex resin (Corrosion resistant)

The Black coating provides strong protection from corrosion.

Aluminum Fin



※ The product is not fully protected from corrosion.
To install near the sea, additional treatment might be required.

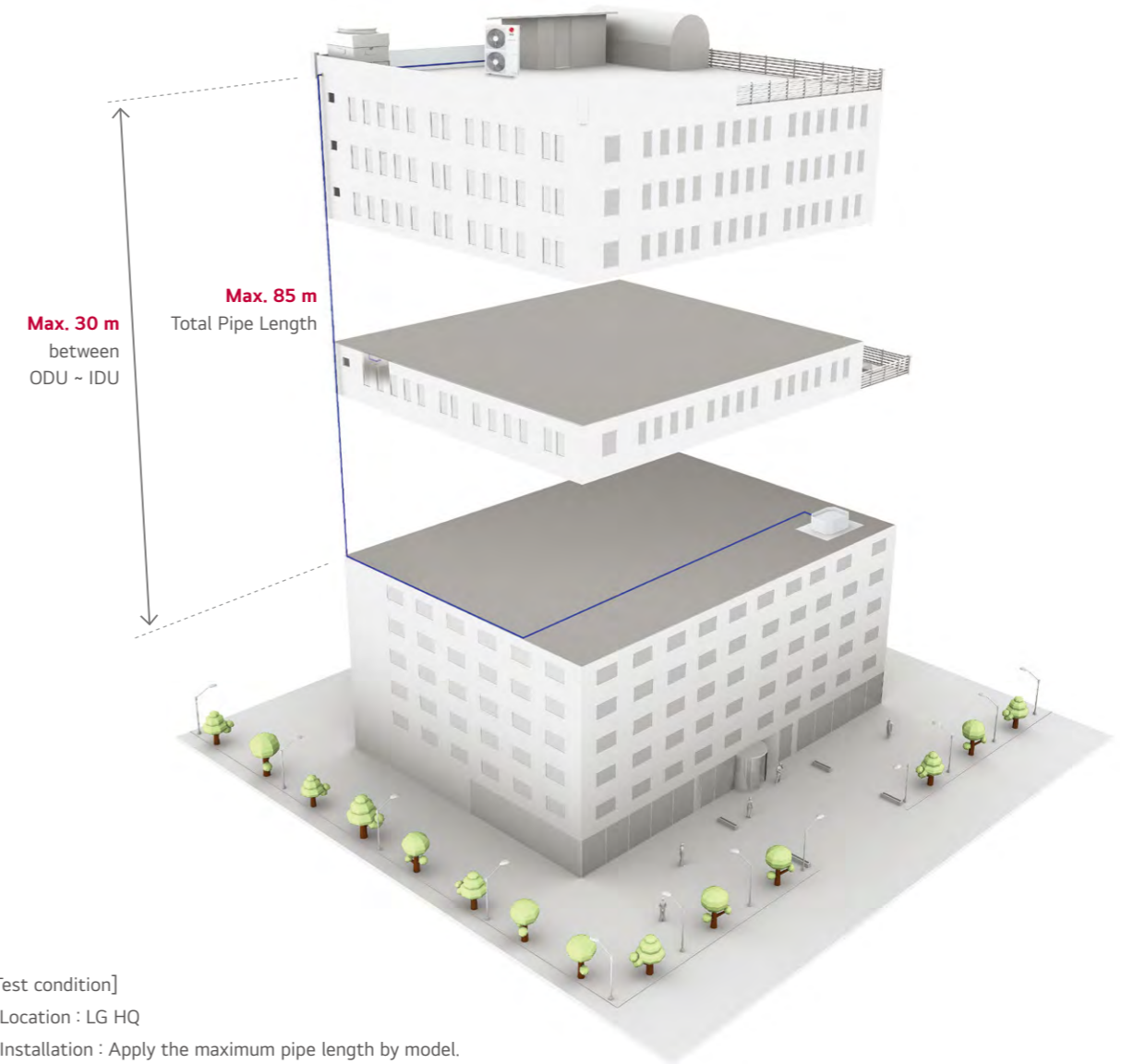
Verified Protection



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

Long Pipe Installation

Maximum pipe length up to 85 m and elevation length up to 30 m provides flexibility for various conditions and easy installation.



[Test condition]

- Location : LG HQ
- Installation : Apply the maximum pipe length by model.
- Period : 3 month (Checking oil level in real time)
- No use U-Trap

Model Name	UUA1	UUB1	UUC1	UUD1 / UUD3
Maximum Pipe Length	20 m	30 / 35* m	50 m	85 m
Maximum Height Difference (ODU-IDU)	15 m	30 m	30 m	30 m

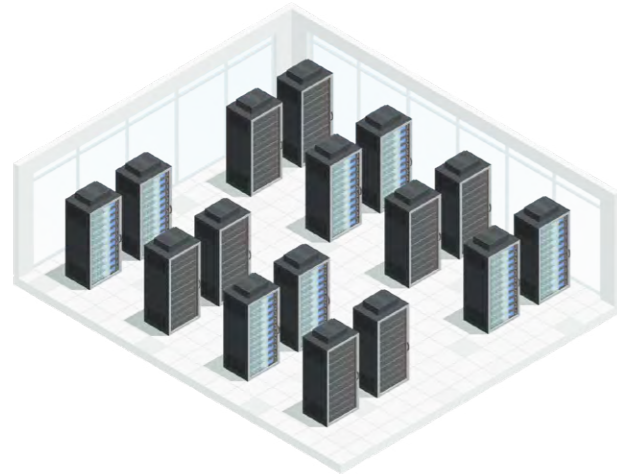
* Compact 6.8 / 8.0kW

Server Room Cooling Solution

A Server room is a facility composed of networked computers and storage that businesses and other organizations use to organize, process, store and disseminate data in the building.



What is Server Room?



Characteristics :

- Usually under IT control, may have some dedicated power and cooling capabilities.
- Generally server room needs to be operated 24/7.
- Computer and electric equipment constantly generate heat, and are sensitive to heat, humidity, and dust.
- Local server rooms in office, hotel or hospital buildings have relatively smaller cooling capacity than those in the data center.
- Limited space for installation of cooling system



Power Supply Unit



Network



Server Rack Mount

What Does a Server Room Need?



Server room operated 24Hour / 7 Day

- Constant cooling for 24/7/365
- Energy efficiency system with high performance
- Automatic failure back-up cooling system



Server room constantly generates heat

- Easy control & monitoring
- Remotely monitored
- Capacity back up system



Limited space for installation

- Compact size of indoor units
- Easy and simple installation
- Long pipe for flexible design and installation

Duty Rotation

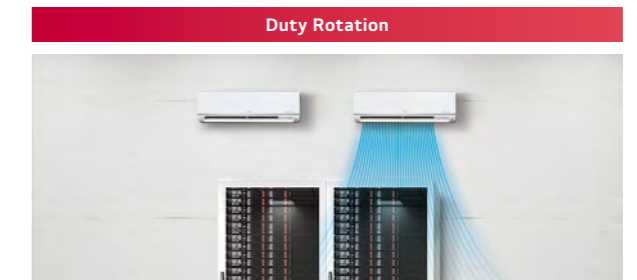
Duty Rotation

Operates more than 2 sets of indoor units alternatively at every set time of operation interval. Rotation interval can be set from 1h to 999h freely.



Air Conditioners' Overworking

- Shortening an air conditioner's lifetime
- Reducing compressor's life expectancy
- The service cost may increase due to an air conditioner's overworking



Stable & Safe Operation

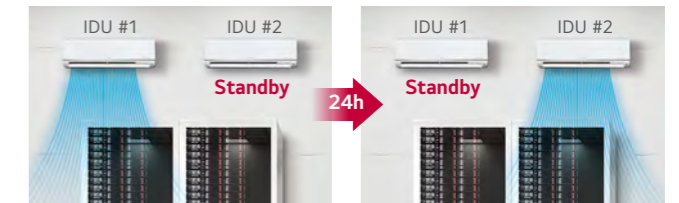
- Stable operation due to indoor units taking turns when operating
- Less breakdowns and operational server room
- The air conditioner's life expectancy is increased
- Rotation interval can be set from 1h to 999h freely

Operation Scenario

When the number of the indoor units : 2

If the interval time is set 24h (default),

- 1 While IDU #1 operates during interval time, IDU #2 is on standby.
- 2 IDU #2 operates next 24 hours, and IDU #1 is on standby.



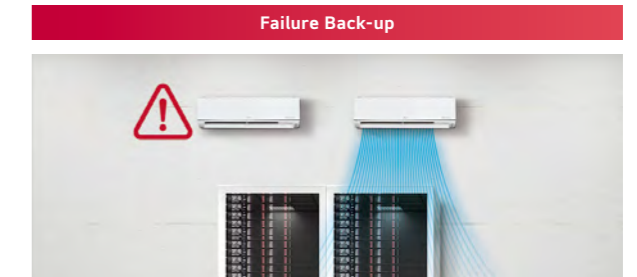
Failure Back-up

If systems in operation have an error and stop, the standby unit starts operation automatically.



A server can be shut down

- In case of an overheated server room a server can be shut down
- The risk of an increased service cost
- The need for manual monitoring and operation for failure



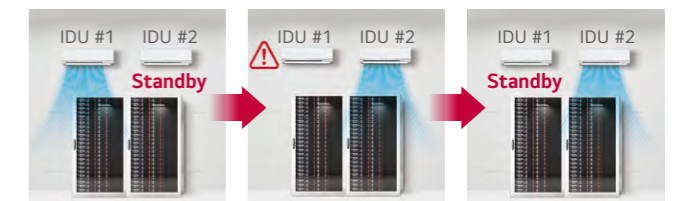
Stable & Safe Operation

- Stable operation because the operation error can be covered by failure back-up operation
- Continuous server operations and decreased risk
- The server is protected from overheating
- Less manual work

Operation Scenario

When the number of the indoor units : 2

- 1 When duty rotation is enabled, IDU #1 is in operation and IDU #2 is on standby.
- 2 If an error occurs on IDU #1, a standby unit starts operation.
- 3 After the error is cleared, IDU #2 goes back to standby.



Duty Rotation

Simplified Connection

For small server rooms, LG provides a simple system with only one remote controller. It doesn't need additional control accessories.

Conventional	LG Server Room Solution
<ul style="list-style-type: none"> • Higher product cost A conventional system needs a dry contact and 3rd party control individual remote controller(s). • Higher installation cost Need more labor and time for design, installation, cabling and test. • Design & Installation difficulties It is difficult to make if you need to control more indoor units. 	<ul style="list-style-type: none"> • Lower product cost Only one LG's remote controller needed for max.4 ODU's and IDU's. • Lower installation cost Need less labor and time for design, installation, cabling and test. • Easy Design & Installation It provides easy design and installation because of a simple system with LG controller even in case of more number of ODU's and IDU's (Max.4).

Small Server Room Cooling Solution

Considering a server room solution using central controllers' interlocking + schedule function is too much expensive and complex for small sized server rooms.

Using Central Controllers	Small Server Room Cooling Solution
<ul style="list-style-type: none"> • Higher product cost Conventional system needs AC Smart 5. • Higher installation cost Need the installation of communication lines for central controllers. • Design & Installation difficulties It is difficult to make and manage the interlocking logics. 	<ul style="list-style-type: none"> • Lower product cost Only LG remote controller needed for max.4 ODU's and IDU's. • Lower installation cost Need less labor and time for design, installation, cabling and test. • Easy Design & Installation It provides easy design and installation because it has simple system with LG controller even in case of several ODU's and IDU's (Max.4).

Capacity Back-up

When the difference between the cooling set temperature and the current room temperature is higher than the set temperature difference of capacity back-up, the standby unit operates. When the temperature difference reaches the set temperature difference, it goes back to the normal duty rotation.

Without Capacity Back-up	Capacity Back-up
<ul style="list-style-type: none"> • Server can be Overheated <ul style="list-style-type: none"> - Sometimes the server room can be overheated because of the server overload - The servers can be shut down when they overheat continuously - Air conditioners overload - Need manual controls for additional cooling 	<ul style="list-style-type: none"> • Stable & Safe Operation <ul style="list-style-type: none"> - Stable operation due to the over capacity by back-up operation - Prevent air conditioners from overload - Protect server from overheating - No need for manual controls due to the automatic protection from overheating

Operation Scenario

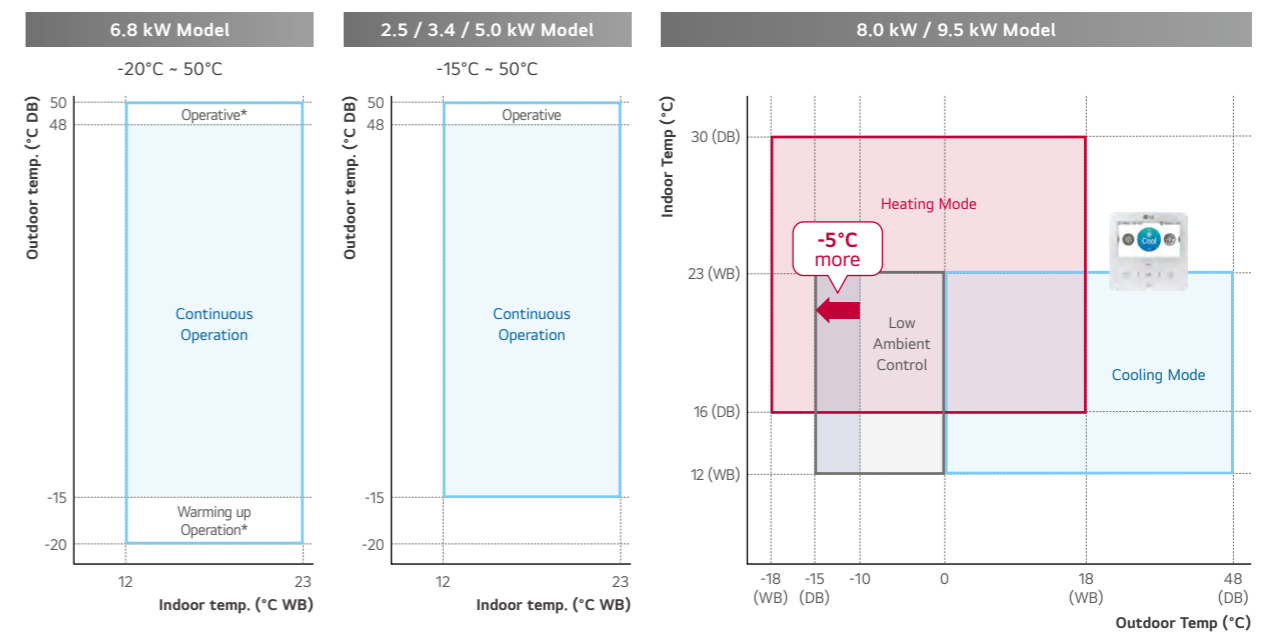
When the number of the indoor units : 2
The set temperature difference is A, and the difference between the cooling set temperature and the current room temperature is B,

- When duty rotation is enabled, IDU #1 is in operation and IDU #2 is on standby.
- If B is higher than A, the standby unit starts operation.
- When B goes down and remains below A for some time, The backup unit stops and goes back to standby mode.

If cooling set temperature is 22°C and the set temperature difference is 4°C. When current temperature goes above 26°C, the standby unit starts operation. If current temperature drops and remains below 26°C for some time, the backup unit stops.

Wide Operational Range

In case of the server room, continuous cooling is required all year round, and outdoor unit must be stable in the outdoor harsh cold temperature. LG Single split has wide operation range in cooling down continuously from -15°C and up to 48°C.

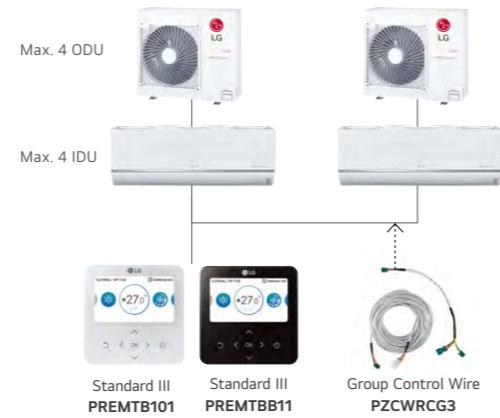
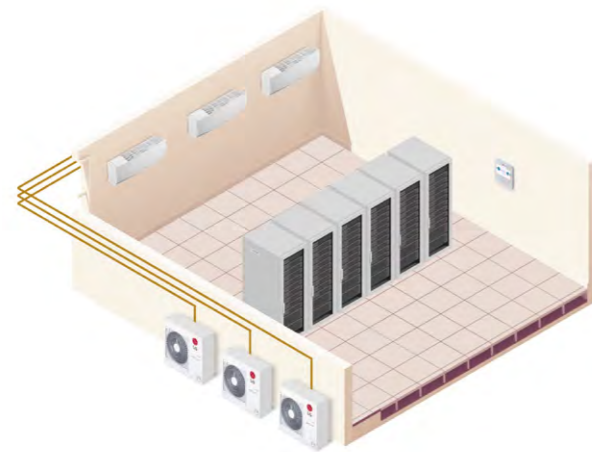


* Warming up operation and operative means that the outdoor unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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.

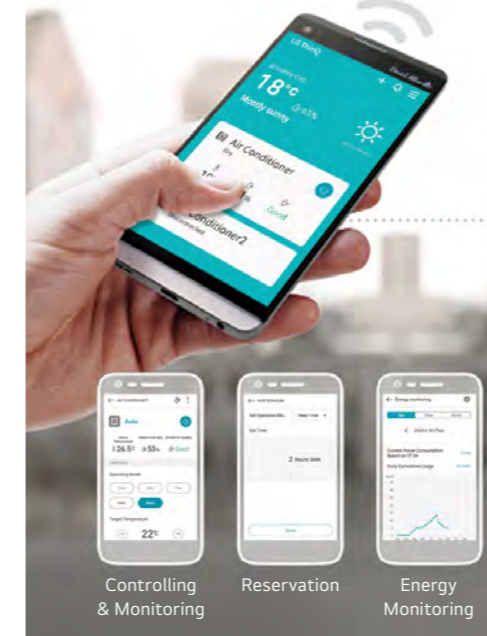
Applicable Model

PRODUCT	MODEL NAME
Ceiling Mounted Cassette	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	UL12FH.N50
	UL18FH.N30
	CL09F.N50
	CL12F.N50
	CL18F.N60
	CL24F.N30
	UM12FH.N10
	UM18FH.N10
	UM24FH.N20
	UM30FH.N20
Mid Static	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.



- ※ Search "ThinQ" on Google or Apple store then download the app.
- ※ Wi-Fi modem (PWFMD200) is required by option.
- ※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

Access your air conditioner anytime and from anywhere



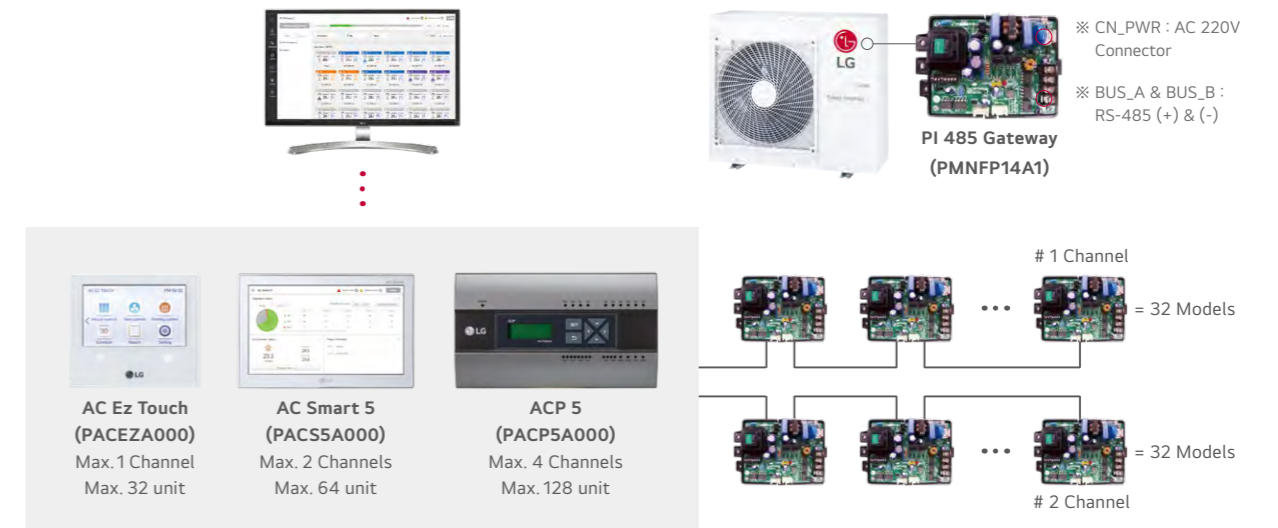
Simple operation for various functions

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

- * 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

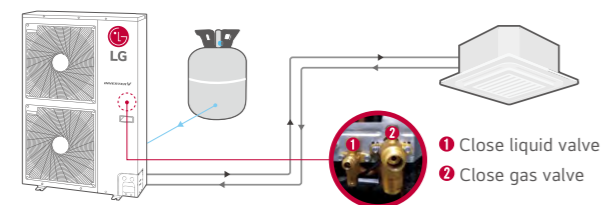


※ In case of needing more functions beside on / off control, a dry contact is required to be installed.

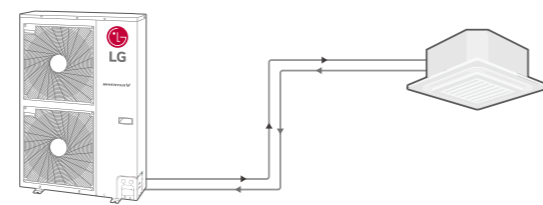
Forced Cooling Operation

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



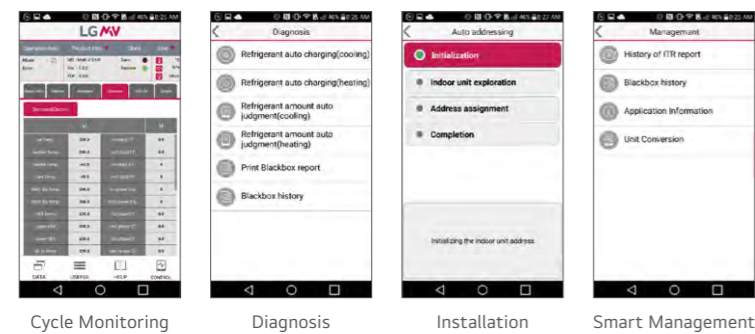
Mobile LGMV

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



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
⋮	

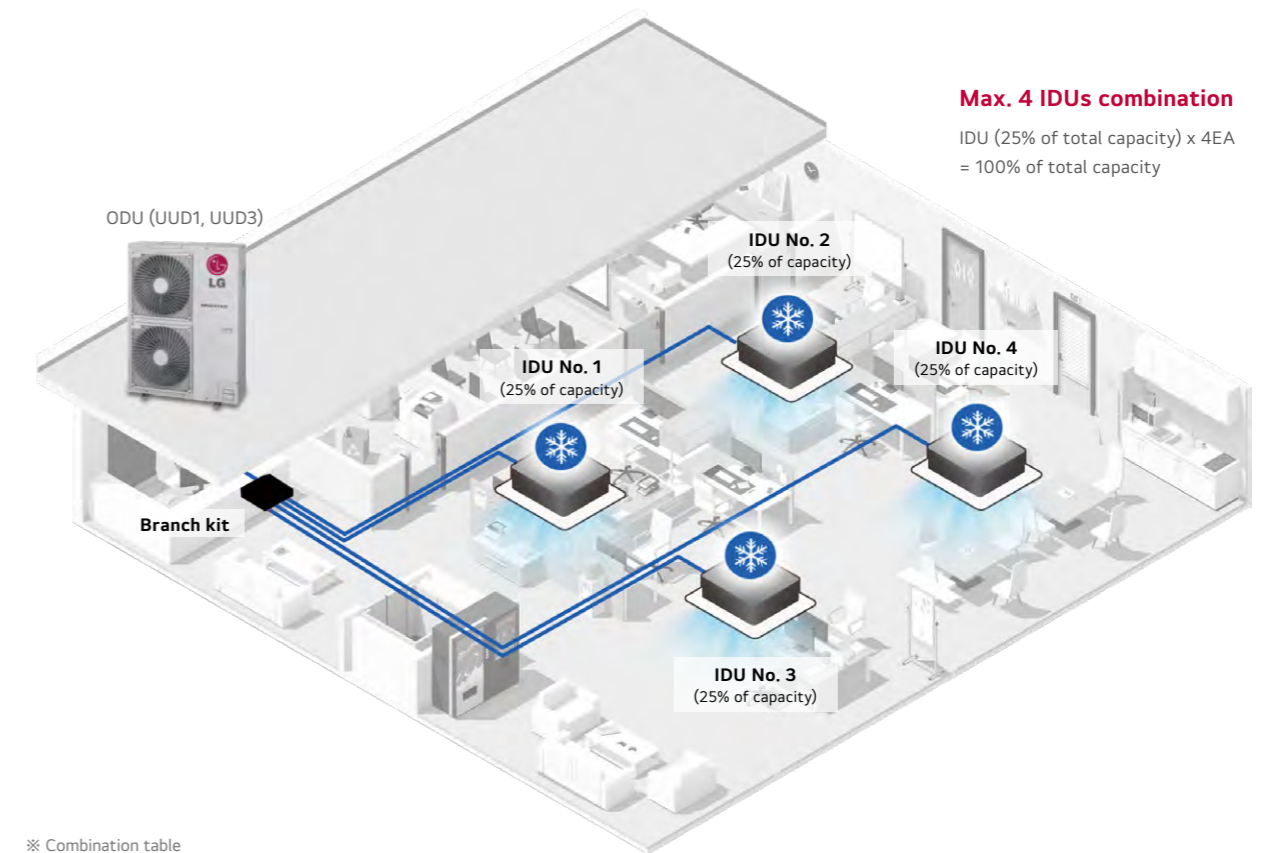


A technician not only can check the cycle information with diagrams & graphs, but also check easily the error status (Troubleshooting guide) and take action immediately.

※ Search "Mobile LGMV" on Google or Apple store then download the app.
 ※ Wi-Fi modem (PWFMD200) 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	3	4
PMUB11A	PMUB11A	PMUB111A

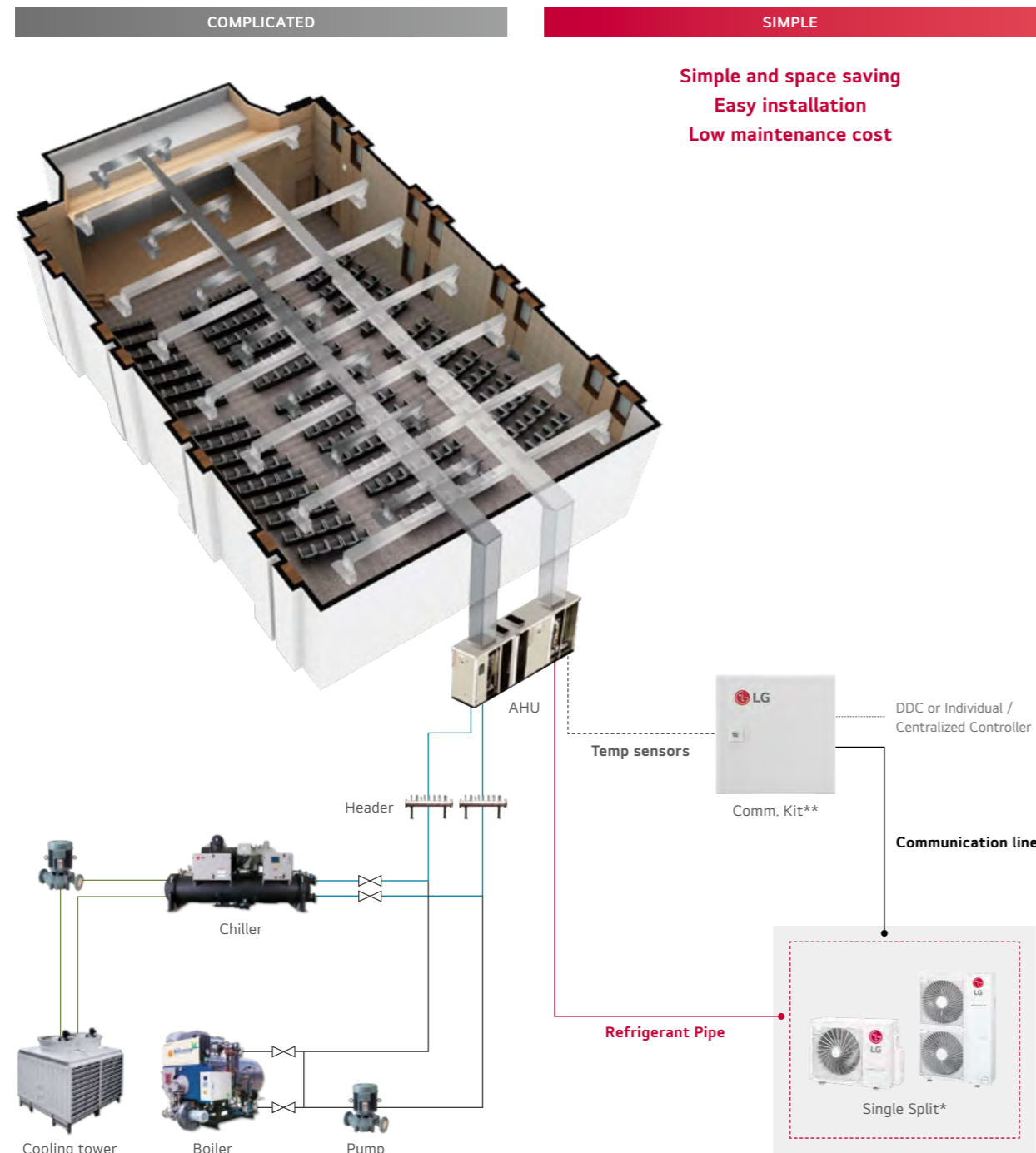
Model	Duo		Trio		Quartet	
	Cassette	Duct	Cassette	Duct	Cassette	duct
UUD1, UUD3	CT18F x 2EA	CM18F x 2EA	CT12F x 3EA	CL12F x 3EA	CT12F x 4EA	CL12F x 4EA
	CT24F x 2EA	CM24F x 2EA	CT18F x 3EA	CM18F x 3EA	-	-
	UT30F x 2EA	UM30F x 2EA	-	-	-	-
Branch kit	PMUB11A		PMUB11A		PMUB111A	
Dip switch						

Note

- 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.
- Branch kits are required for operating Synchro models.

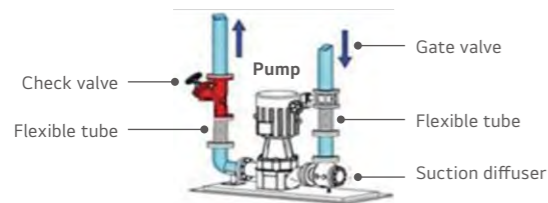
Connection with AHU

Single split can be connected to AHU using communication kit.



Simple and space saving
Easy installation
Low maintenance cost

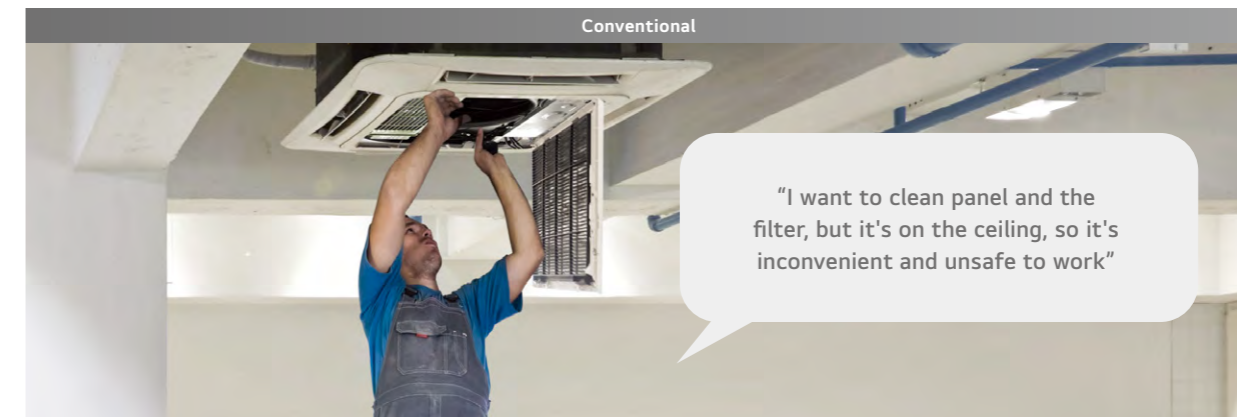
Complicated piping work



* 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

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.



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	-	0

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
Panel Dimension	Grille Type (Grille / Grid)	-	Grid
	Net (W x H x D)	mm	950 x 35 x 950
Panel Weight	Shipping (W x H x D)	mm	1,006 x 117 x 1,006
	Net	kg	10.5
Panel Function	Shipping	kg	12.4
	PM1.0 Sensor	-	0
Panel Accessory	Air Purification Kit	-	0
	Elevation Grille Kit	-	PTVK440
	Floor Detection Sensor	-	0
	Human Detection Sensor	-	PTVSA00

※ 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.

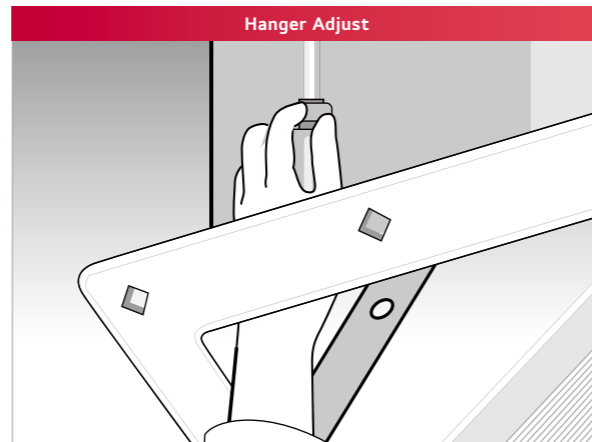
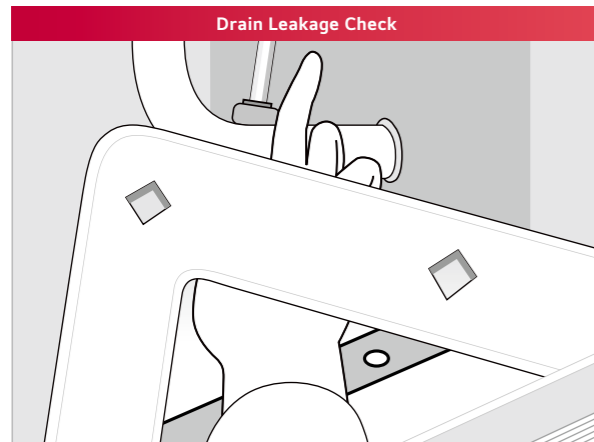
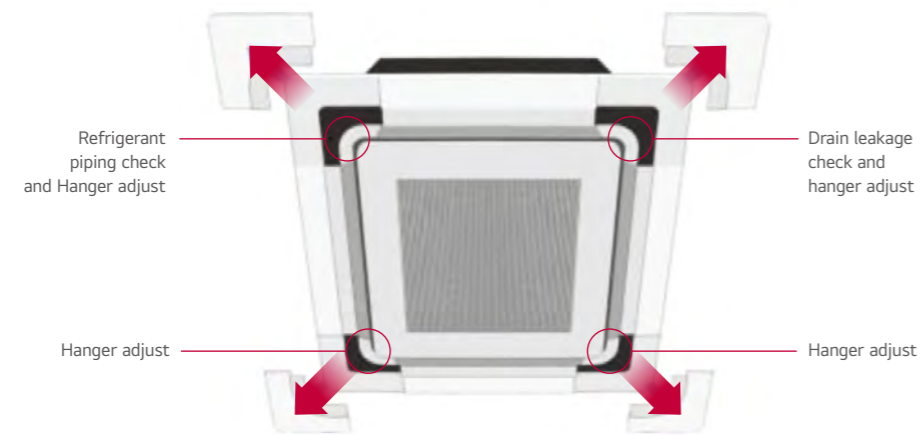


Easy Panel installation

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.

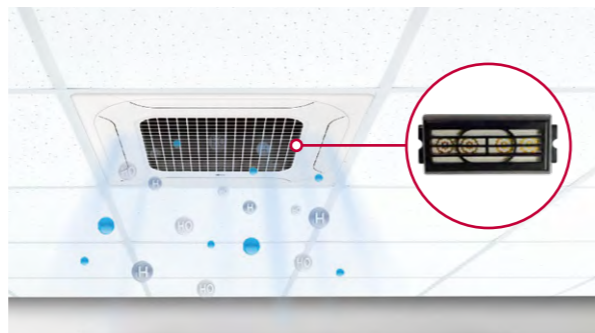
※ Product images may differ from the actual product.



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 ₂ O 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)%

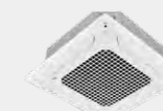
Model Name	PAS-NATDR2
Input voltage	DC 12 V +_ 10 %
Power consumption	Less than 1.0 W
Ionic weight (Distance of 10 cm)	200 x 10 (3) / CC

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.ULO



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

COMBINATION		9		12	
Capacity	Cooling	Min. / Rated / Max.	kW	1.6 / 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	m³/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
	Model Name			PT-QAGW0	PT-QAGW0
Recommended Decoration Panel**	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.ULO	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	
	Net		kg	33.3	
Compressor	Type			Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)			R32 / 675	
	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675	
	Chargeless		m	10	
	Additional Charge		g/m	20	
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	
Piping Elevation	IDU - ODU	Max	m	30	

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

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

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
Model Name			-	PT-QAGW0	PT-QAGW0	PT-QAGW0
Recommended Color			-	White	White	White
Decoration Panel**	Dimensions	Body	mm	620 x 34 x 620	620 x 34 x 620	620 x 34 x 620
	Weight	Body	kg	3.0	3.0	3.0
OUTDOOR				UUA1.ULO	UUB1.U20	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	
Weight	Net		kg	33.3	44.5	
Compressor	Type		-	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675	1.2 / 0.81	
	Chargeless		m	10	10	
	Additional Charge		g/m	20	20	
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 30	
Piping Elevation	IDU - ODU	Max.	m	30	30	

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

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

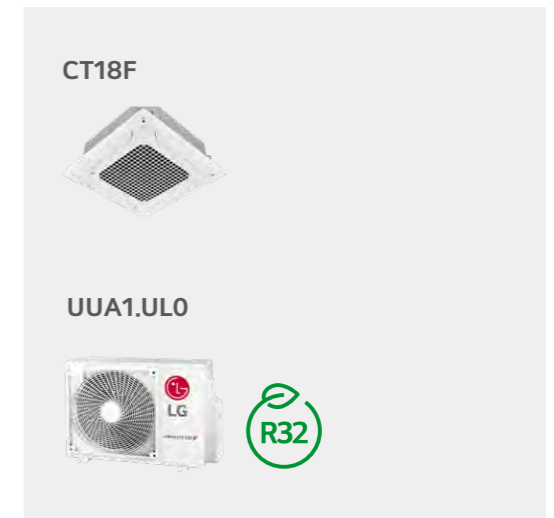
Note :

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

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



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

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

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

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
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CEILING MOUNTED CASSETTE



4 Way Air Flow with New Dual Vane Design

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



New Types of Wind Solutions


Indirect Wind





Direct Wind





6 Air Flow Modes


- 

Power Mode
Fast and Quick
- 

Up / Down Swing
Fresh and Natural
- 

Smart Mode
Auto Vane Control
- 

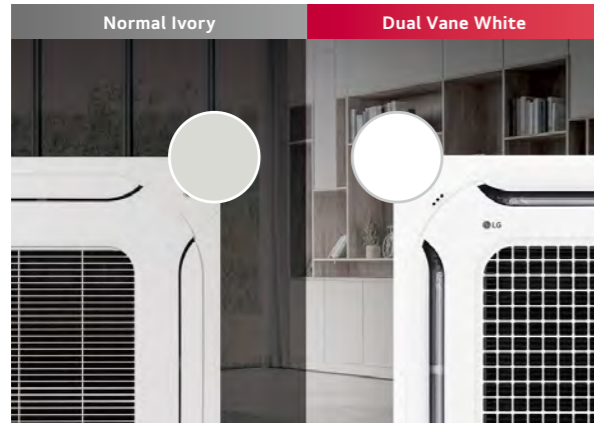
Indirect Wind
Indirect cooling & Heating
- 

Direct Wind
Suitable for High Ceiling
- 

Refresh Mode
Provide high concentration

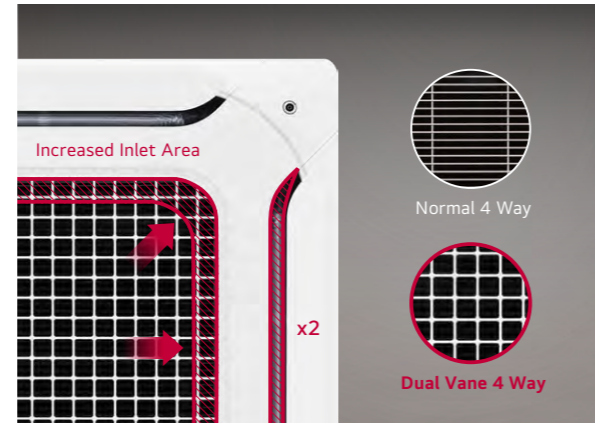
Brighter Color

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



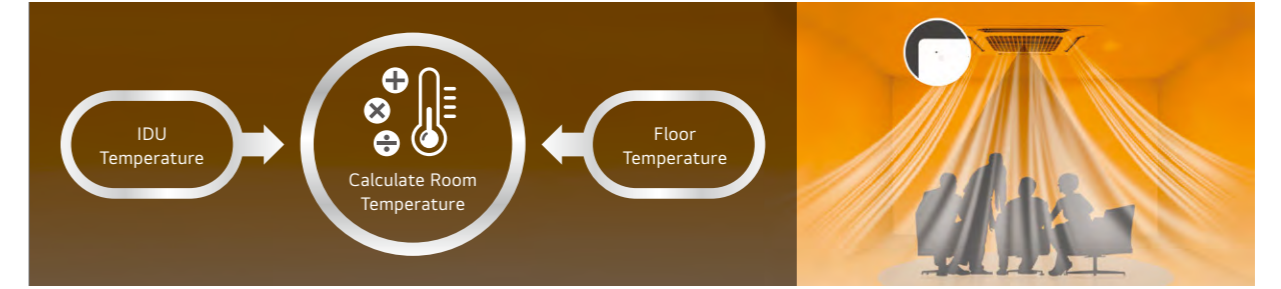
Wide Design

Bigger inlet and outlet make faster cooling / heating airflow.



Sensor Reads Temperature from Ceiling to Floor for Heating

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



※ Available only for products with a floor temperature sensor.

Human Detecting Direct / Indirect Airflow

Human sensing function locates users to provide an adapted airflow.

Comfort Indirect

Prevent an airflow from heading to a user by sensing.



Follow User Direct

Direct an airflow to a user by sensing.



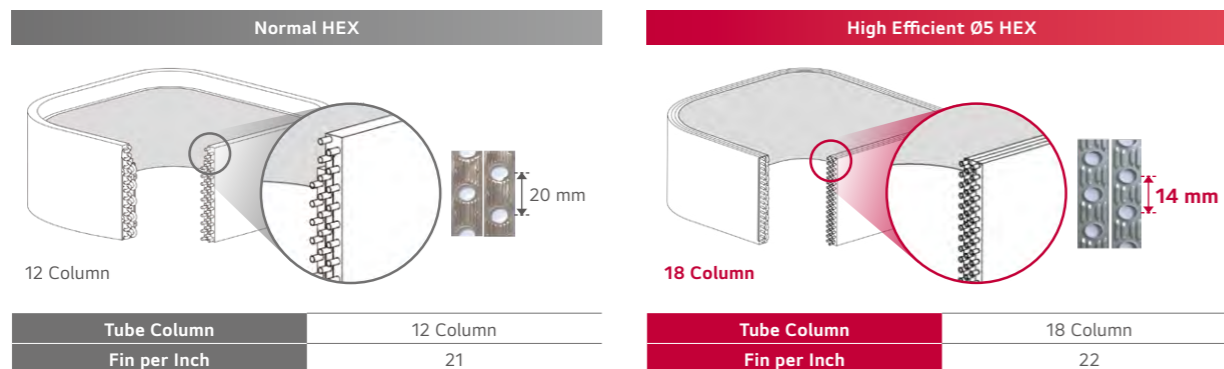
Full 3D Turbo Fan

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



High Efficiency Heat Exchanger (HEX)

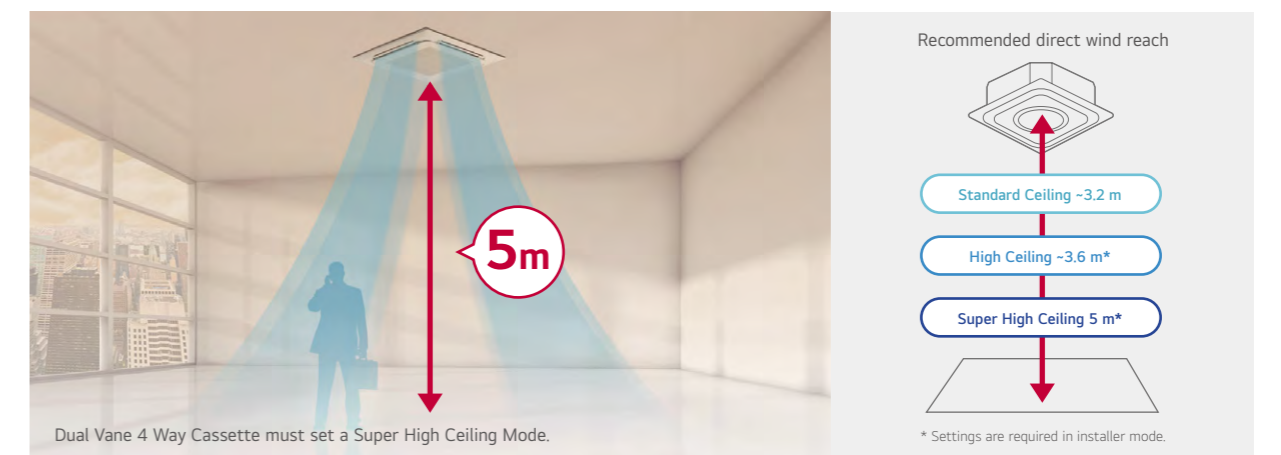
A highly integrated heat exchanger serves to increase cooling and heating efficiency.



※ This specification can be different as per each model.

Direct Wind

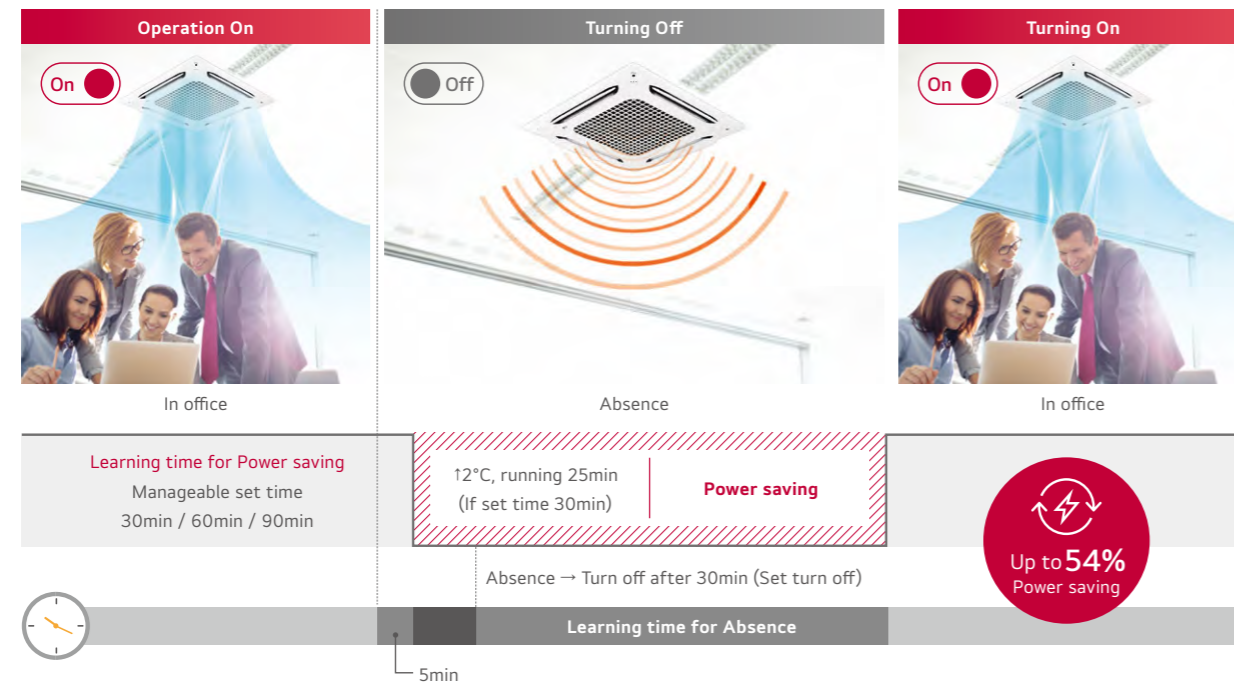
The wind can reach up to 5 m with plenty of air volume. (@ 0.5ms)



Dual Vane 4 Way Cassette must set a Super High Ceiling Mode.

Human Detecting On / Off Learning Operation System

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



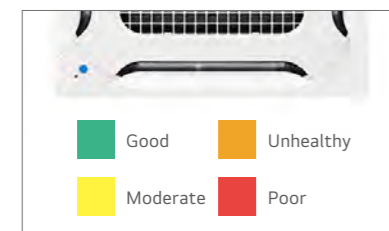
※ Data Based on actual test of LG, single product 2 hours measurement result. (Cooling 26 °C, strong wind)

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



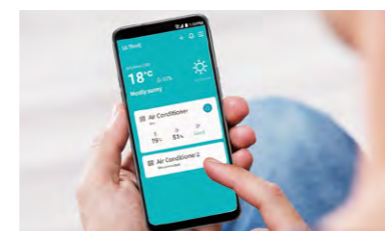
Remote Controller

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.

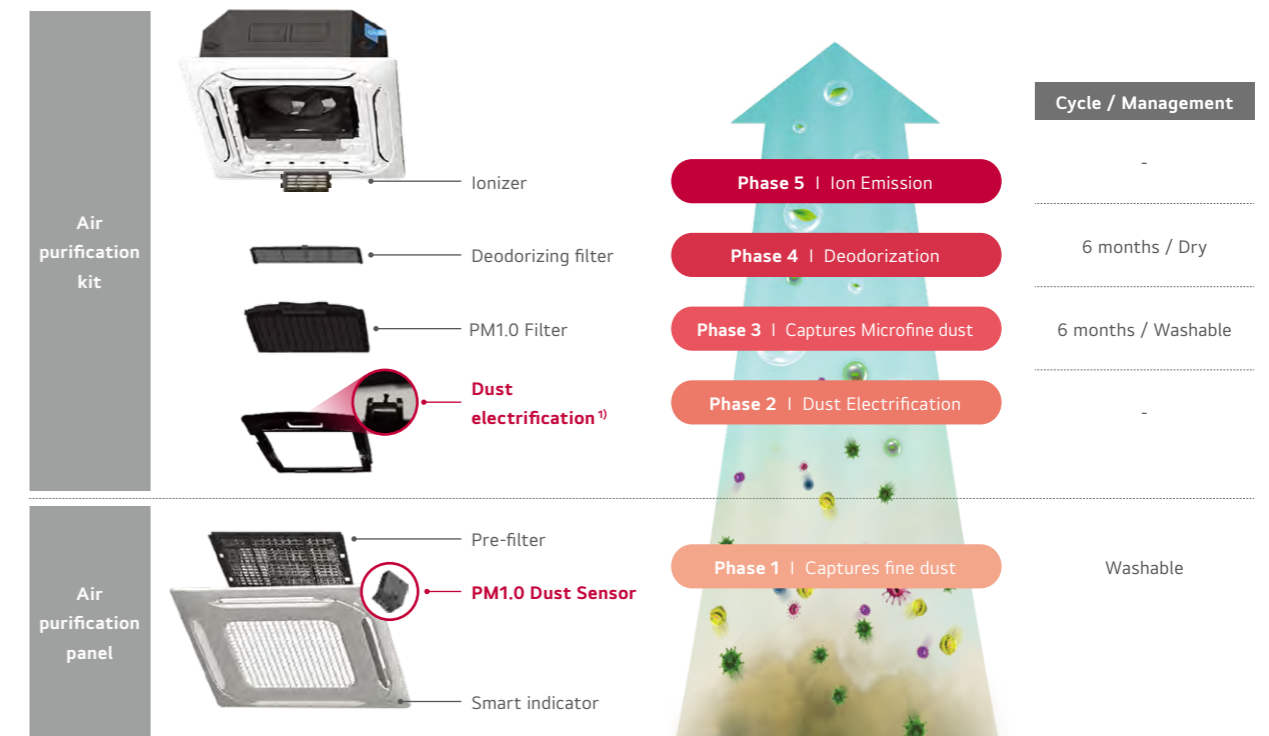
- Monitoring Air status : Easy to check indoor air status
 - Microfine dust / Ultra fine dust / Fine dust
 - Day / Week / Month / Yearly
- Mobile Remote Control : Remote control by using mobile phone
 - Control Mode / Temperature / Air flow etc.
- Display Power Consumption : Check power consumption of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

※ 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?

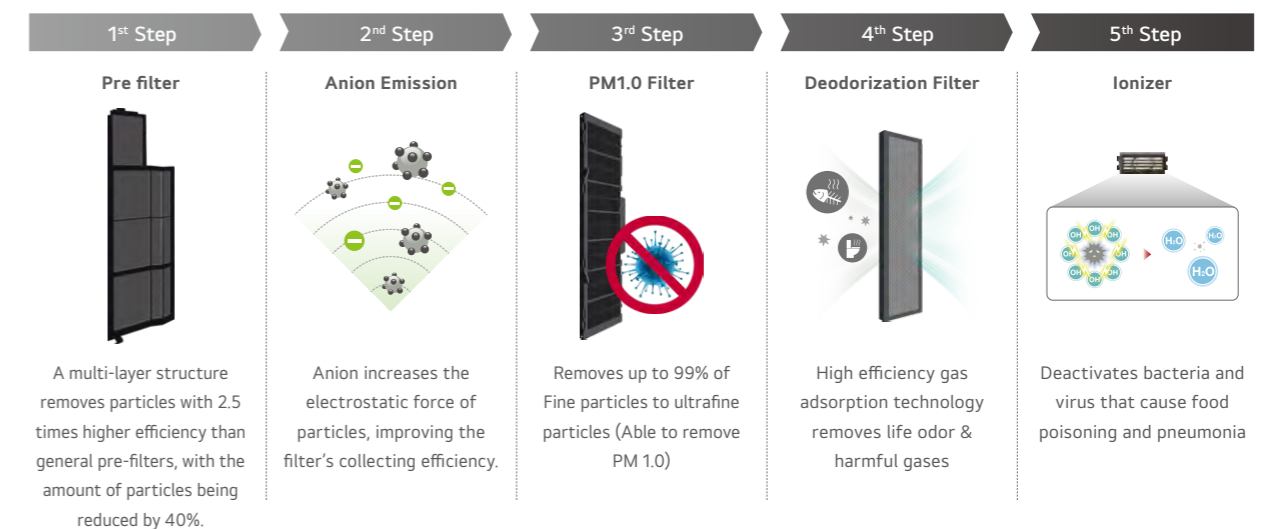
The Korea Air Cleaning Association strictly tests the air cleaning function of air conditioner products and provides certification to the product that gives credibility to consumers.



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



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 hygienic 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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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
Weight	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	
	Type / GWP (Global Warming Potential)			R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charge		g/m	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 :

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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.

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



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

COMBINATION			36	42	48	60
Capacity	Cooling	Min. / Rated / Max. kW	3.8 / 9.5 / 12.8	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-CO ₂ eq	kg	3.0 / 2.025			
	Chargeless	m	20			
Fan	Additional Charge	g/m	40			
	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.

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



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

COMBINATION			36	42	48	60
Capacity	Cooling	Min. / Rated / Max. kW	3.8 / 9.5 / 12.8	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-CO ₂ eq	kg	3.0 / 2.025			
	Chargeless	m	20			
Fan	Additional Charge	g/m	40			
	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.
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 hygienic 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



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COMBINATION		24		30	
Capacity	Cooling	Min. / Rated / Max.	kW	2.7 / 6.8 / 8.0	3.2 / 8.0 / 9.2
	Heating	Min. / Rated / Max.	kW	3.0 / 7.5 / 9.0	3.6 / 8.9 / 10.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 1.93 / 2.66	0.50 / 2.45 / 3.14
	Heating	Min. / Rated / Max.	kW	0.40 / 1.96 / 2.84	0.50 / 2.62 / 3.25
Running Current	Cooling / Heating	Rated	A	8.6 / 8.7	10.9 / 11.6
EER / COP			kWh/kWh	3.52 / 3.83	3.27 / 3.40
SEER / SCOP			kWh/kWh	7.4 / 4.3	7.1 / 4.3
Pdesign	Cooling @ 35°C		kW	6.8	8
	Heating @ -10°C		kW	5.6	5.6
Seasonal 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	Model Name		-	PT-AAGW0	PT-AAGW0
Decoration Panel**	Color		-	White	White
Dimensions	Body		mm	950 x 35 x 950	950 x 35 x 950
	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 ₂ eq		kg	1.9 / 1.283	
	Chargeless		m	20	
Fan	Additional Charge		g/m	40	
	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 :

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

Wide Application with diverse design range

- Optional Human Detecting sensor (Presence sensor) provides an adapted airflow (Direct or Indirect Airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional Air Purification kit, ensuring a health and hygienic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- 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)**



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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	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	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0		
Decoration Panel**	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		
	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 ₂ eq		kg	3.0 / 2.025					
	Chargeless		m	20					
Fan	Additional Charge		g/m	40					
	Air Flow Rate	Rated	m³/min x No.	55 x 2					
Total Piping Length		Min. / Max.	m	5 / 85					
Piping Elevation	IDU - ODU	Max.	m	30					

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

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

Note :

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



EUROVENT CERTIFIED PERFORMANCE
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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.6 / 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	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
	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
Recommended Decoration Panel**	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			
	Type / GWP (Global Warming Potential)		-	R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	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.	30			

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

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

Note :

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

- Optional Human Detecting sensor (Presence sensor) provides an adapted airflow (Direct or Indirect Airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional Air Purification kit, ensuring a health and hygienic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- 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



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

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	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
	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0
Recommended Decoration Panel**	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
	Type / GWP (Global Warming Potential)		-	R32 / 675		R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.2 / 0.81		1.9 / 1.283
	Chargeless		m	10		20
	Additional Charge		g/m	40		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.	30		30

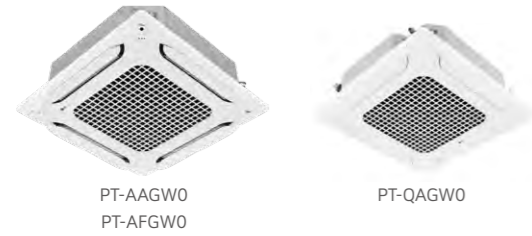
* : Sound Pressure is not a value declared on Eurovent Program.

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

Note :

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

Cassette Panel



Model Name

PT-AAGWO
PT-AFGWO
PT-QAGWO (Mini 4 Way)

Key Features

Model	Dual Vane	Wi-Fi	Floor Temperature Sensor	Air Purification	Human Detection Sensor	Dust Sensor	Tact Switch
PT-AAGWO	0	Optional	Optional	X	Optional	X	X
PT-AFGWO	0	Optional	Optional	Optional	Optional	0	0
PT-QAGWO	X	Optional	X	X	X	X	X

Specification

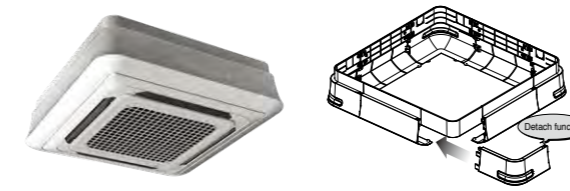
Model	Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)		
					W	H	D
PT-AAGWO	Grid	White (RAL 9003)	-	7.1	950	35	950
PT-AFGWO	Grid	White (RAL 9003)	-	7.5	950	35	950
PT-QAGWO	Grid	White (RAL 9003)	-	3.0	620	34	620

Air Purification Kit

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

Cassette Cover

Cover in case of exposed cassette installation.



Model Name

PTDC A

Applied Products

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

Key Features

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

Specification

Model	Front Panel	Weight (kg)		Dimensions (mm)		
		NET	Gross	W	H	D
PTDC A	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
- Screws
- Cover C, Cover D
- Installation Manual

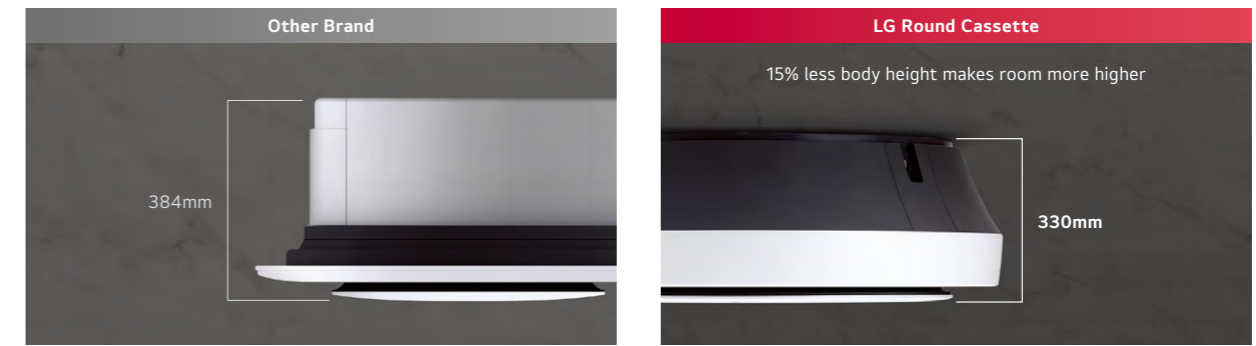


ROUND CASSETTE



Slim and Compact Design

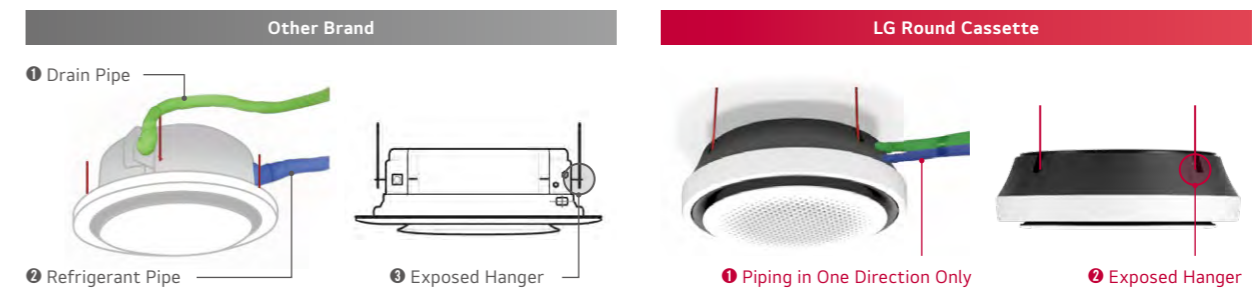
The LG Round Cassette's compact design makes the interior look more spacious and secure.



※ 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.



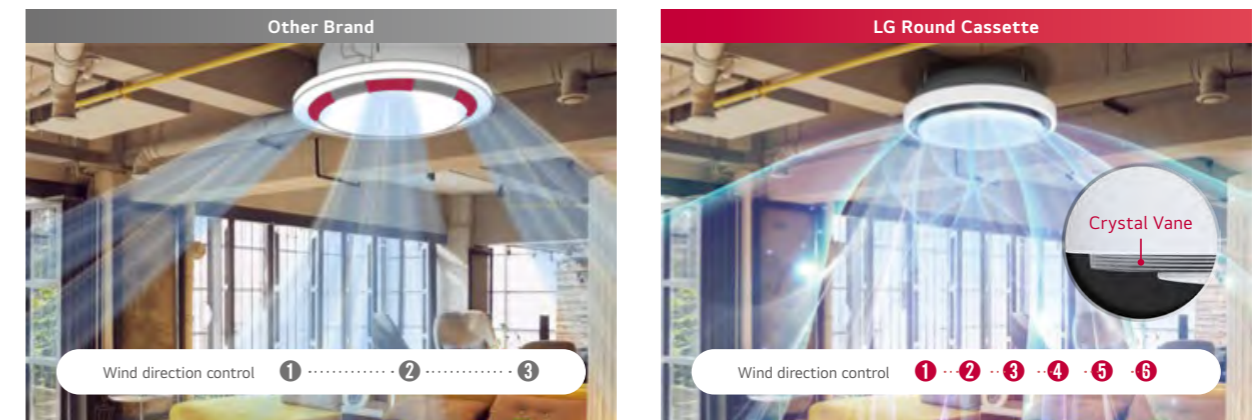
PINUP
DESIGN AWARDS

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)

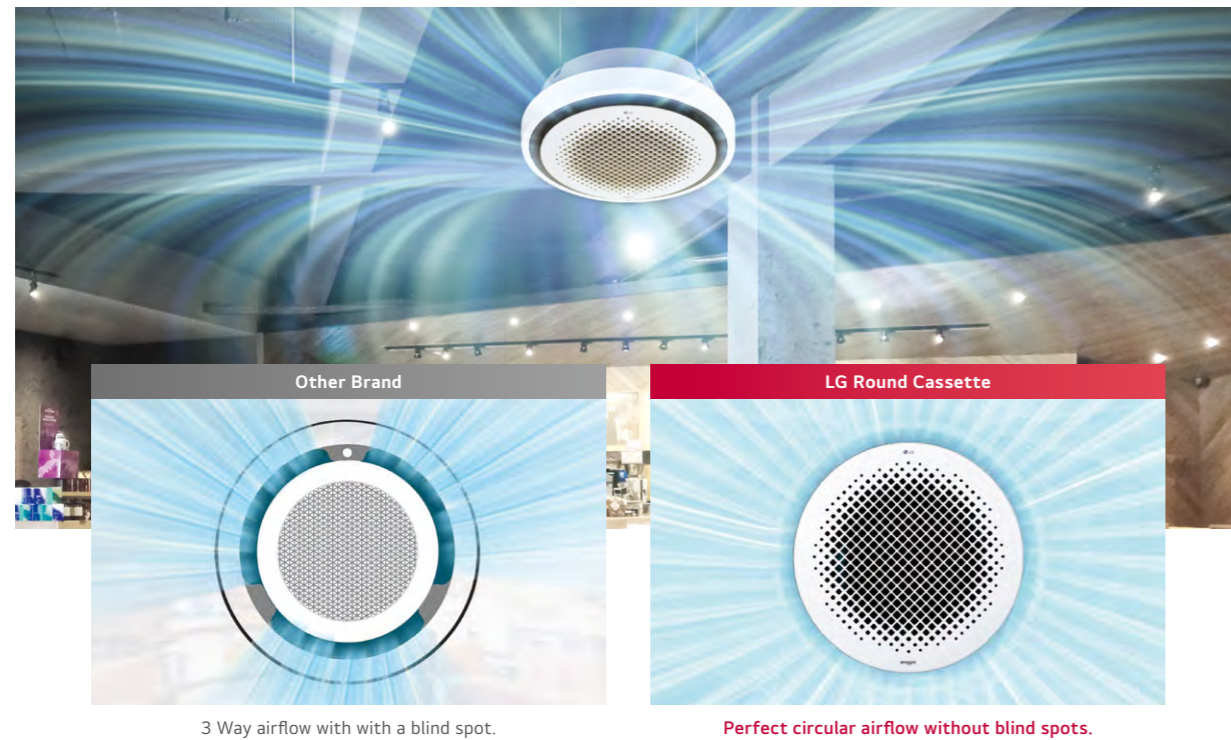
6-Step Vane Control

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



Perfect Round Airflow

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



Quiet Operation

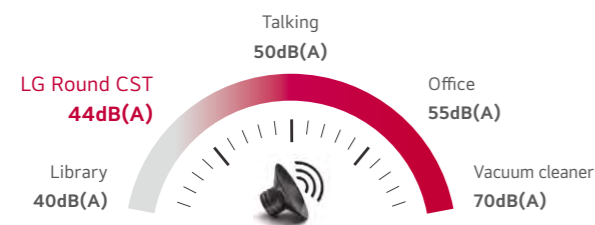
LG Round cassette makes the space quieter.

Sound Pressure

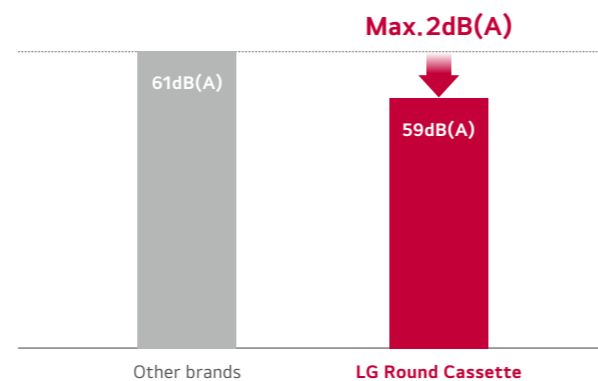


Normal communication
Noise level 50dB(A)

Library
Noise level 40dB(A)



Sound Power



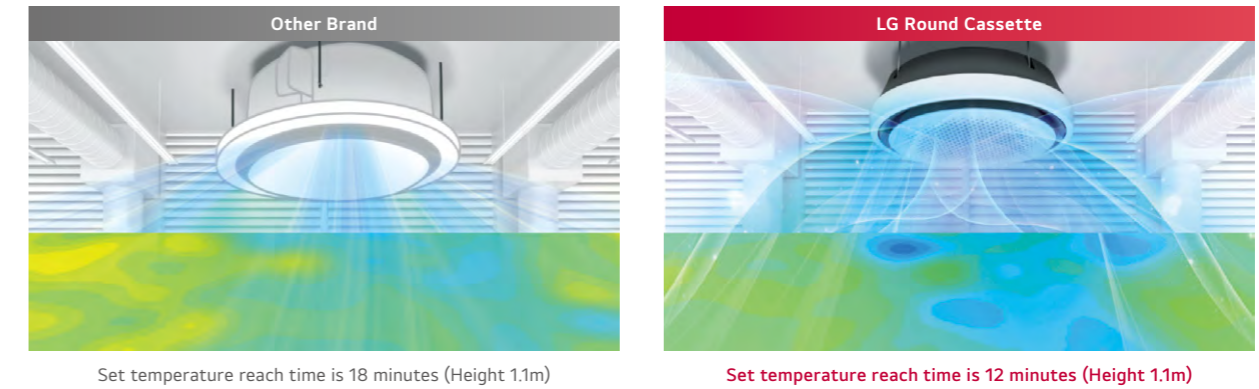
Sound power levels (cooling)_dB(A)

Other Brands	LG Round Cassette
61	Max. 59

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

Faster in Cooling

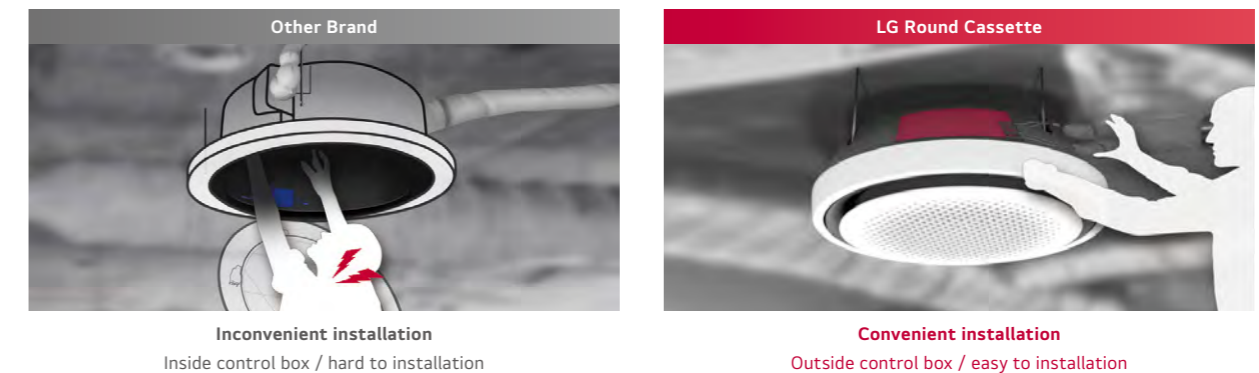
Larger airflow rate with the cooling rate being 30% faster than the competition.



※ 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

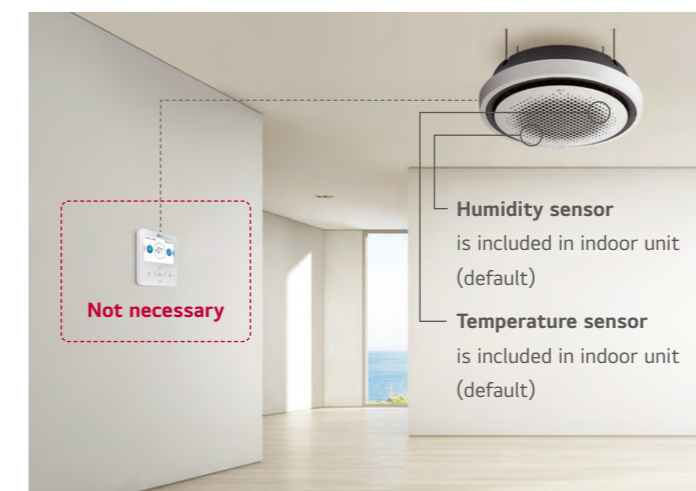
Outside Control Box

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



Embedded Humidity Sensor

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



Simple Setting

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



Function Button

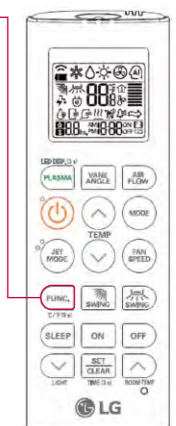


Comfort Cooling Icon

- 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 hygienic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- 6 STEP Vane control, Crystal vane allows for 6-step precision control for cool and warm airflow in every direction.
- **Humidity sensor is included** as standard, so comfort cooling function is possible without separate wired remote controller.
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**



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

COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling / Heating	Rated	A	10.10 / 10.70	19.50 / 20.20
EER / COP			kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP			kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	Cooling @ 35°C		kW	11.0	13.4
	Heating @ -10°C		kW	9.0	9.0
Seasonal 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.NYO	UT48F.NYO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate		H / M / L	m³/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	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 mm²	3C x 6.0	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	LG Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	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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- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
- 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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- Compact and Minimal exposure design makes the interior look more spacious, harmony and aesthetic .
- Optional Air Purification kit, ensuring a health and hygienic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- 6 STEP Vane control, Crystal vane allows for 6-step precision control for cool and warm airflow in every direction.
- **Humidity sensor is included** as standard, so comfort cooling function is possible without separate wired remote controller.
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**



EUROVENT CERTIFIED PERFORMANCE
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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.NYO	UT48F.NYO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate		H / M / L	m³/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	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 mm²	5C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	LG Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	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 :

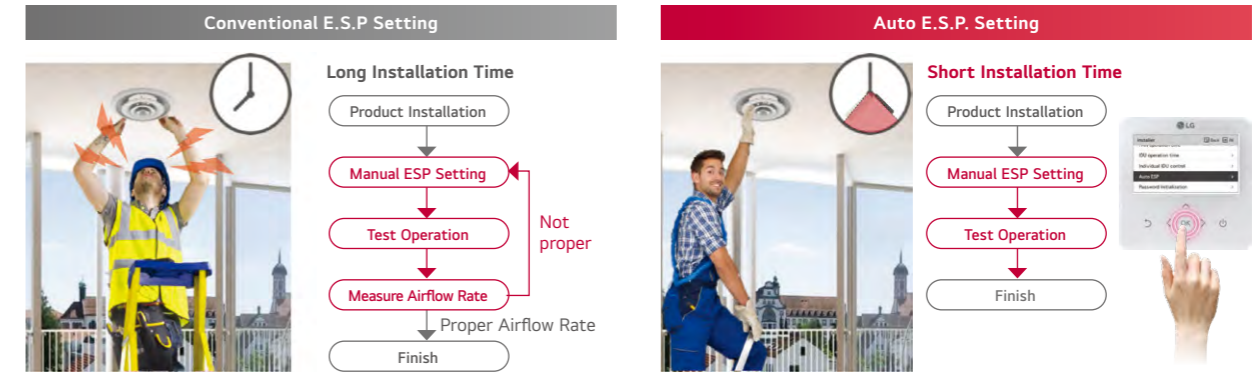
- Due to our policy of innovation some specifications may be changed without notification.
- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C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

CEILING CONCEALED DUCT



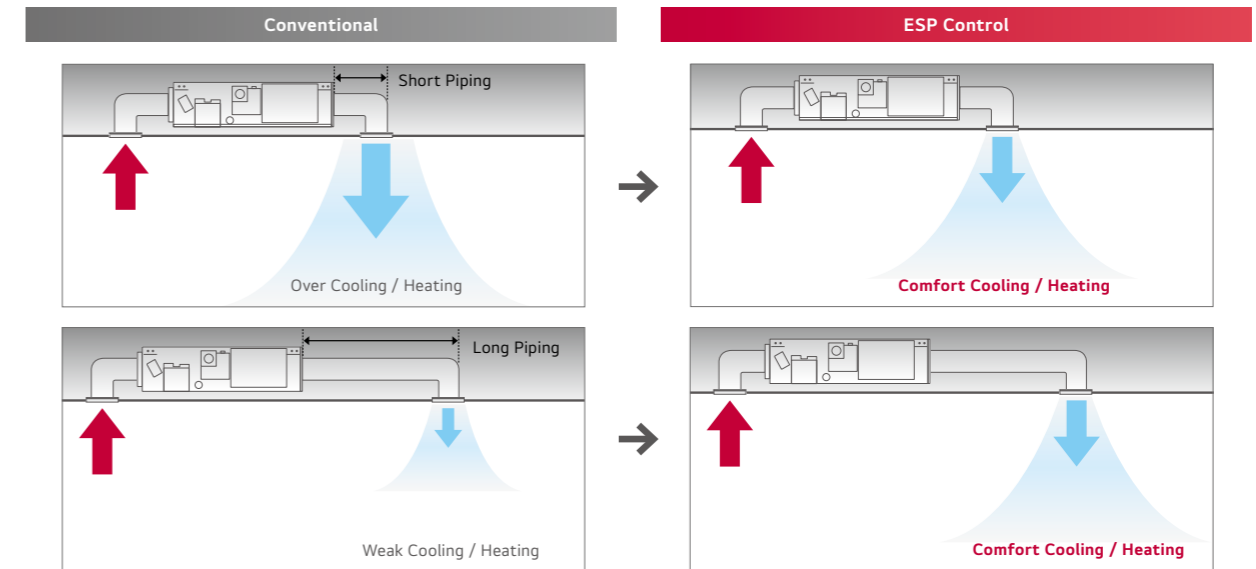
Auto ESP Setting

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



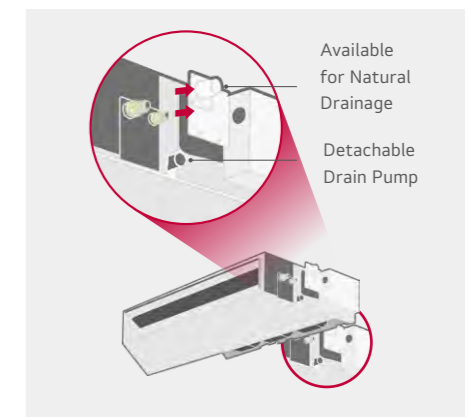
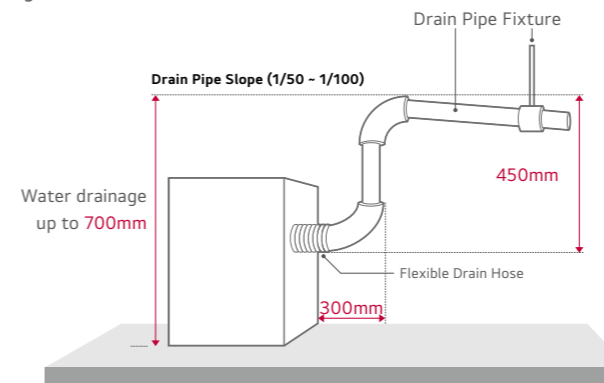
External Static Pressure (ESP) Control

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

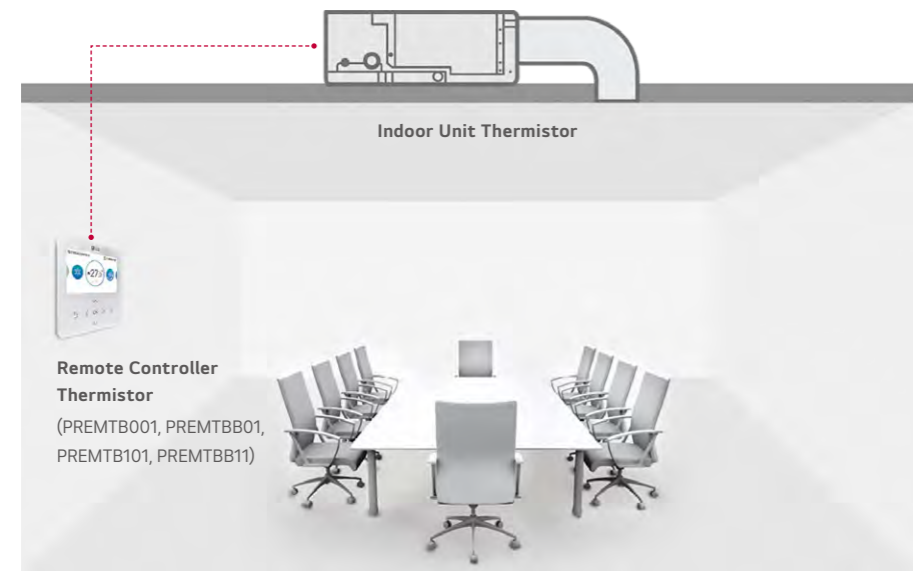
High head drain pump automatically drains water up to a height of 700mm of drain-head height. It provides the perfect solution for draining of water.



※ 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.



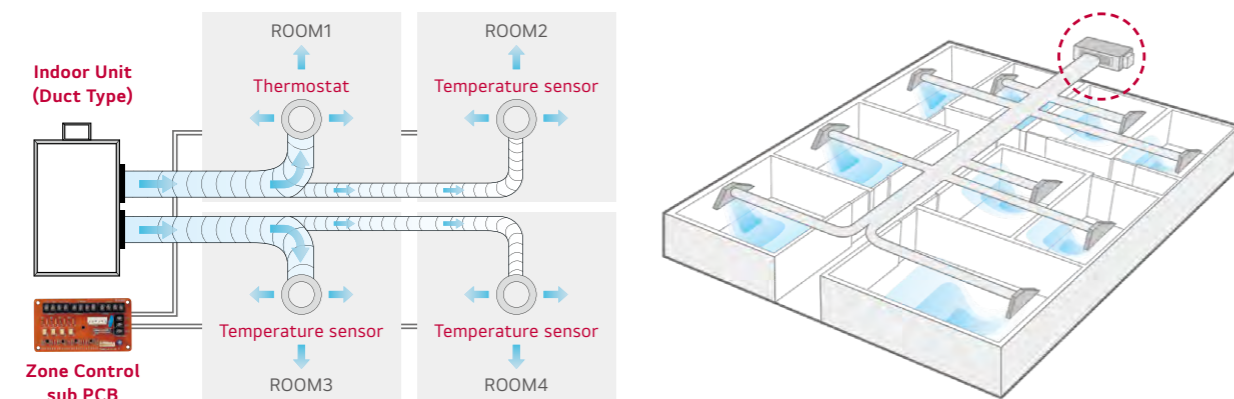
Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users.

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

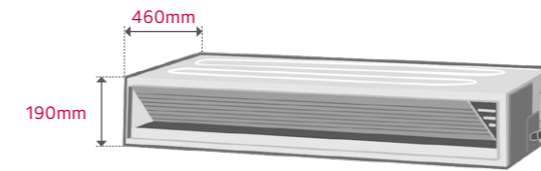
- Controls different zones (Up to 4 zones) by external thermostat (AC 24V)
- Maintain proper air volume of each zone
- Auto variation of dampers
- Auto control of fan speed and On / Off operation



Minimized Height and Depth

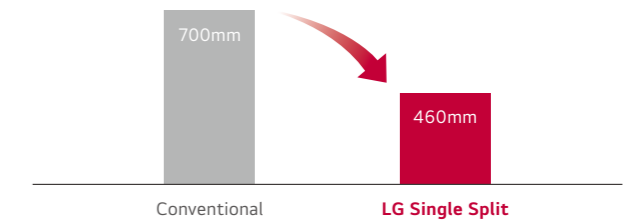
New Low Static ducts provide ideal solution for installation in limited space.

Low Static Duct



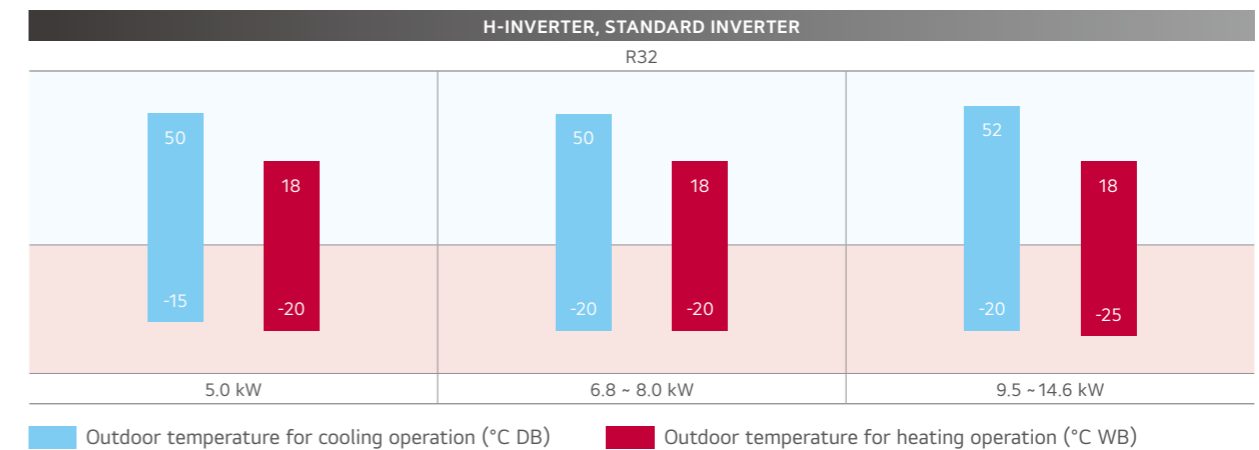
※ CL09F N50, CL12F N50, CL18F N60, UL12FH N50 only

Depth



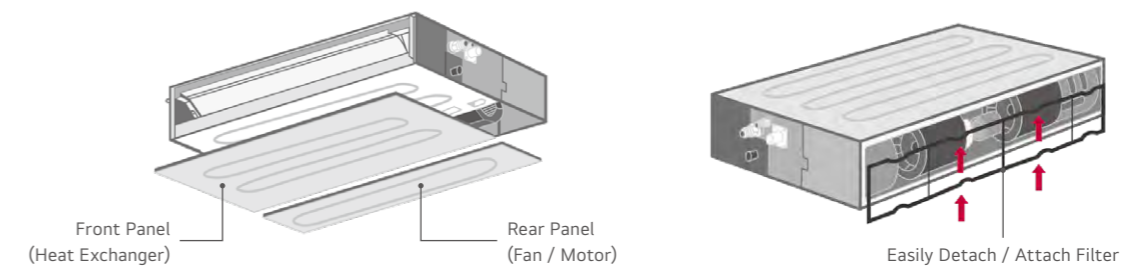
※ 2.5 / 3.4 / 5 kW

Wide Operation Range



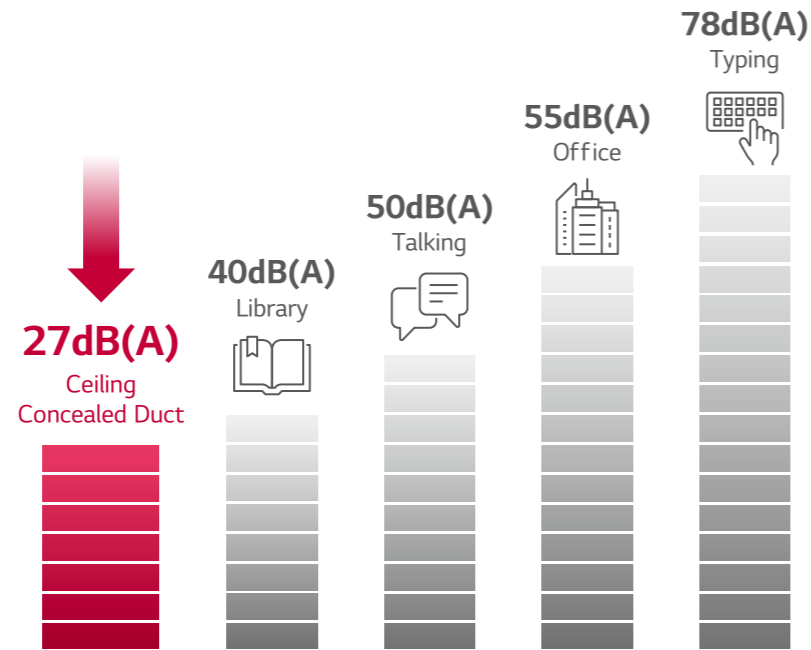
Easy Service & Maintenance

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)

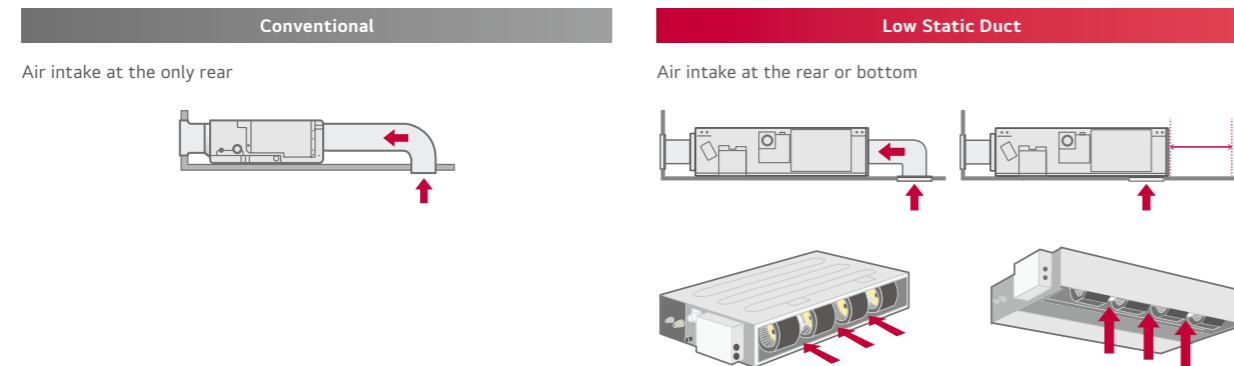
The noise level of low static ducts have been reduced, even though ESP has been increased.



	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.



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**



LG participates in the ECP programme for EUROVENT AC program. 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.ULO	UUB1.U20
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min	A	15	20
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330
Weight	Net		kg	33.3	44.5
Compressor	Type			Twin Rotary	Twin Rotary
	Type / GWP (Global Warming Potential)			R32 / 675	R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675	1.2 / 0.81
	Chargeless		m	10	10
	Additional 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.
- Quiet 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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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.U10	UUB1.U20	UUC1.U40	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	25	
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	33.3	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	10	20	
	Additional Charging Volume		g/m	20	20	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.
- 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

- 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)**
- **Standard for wired remote control**



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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		
	Type / GWP (Global Warming Potential)		-	R32 / 675		
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025		
	Chargeless		m	20		
	Additional Charging Volume		g/m	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 :

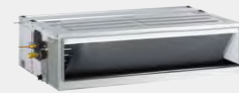
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- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp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

**MID STATIC PRESSURE
UM36FH / UM42FH / UM48FH**



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
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)		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		
	Type / GWP (Global Warming Potential)	-	R32 / 675		
Refrigerant	Precharged Amount / t-CO ₂ eq	kg	3.0 / 2,025		
	Chargeless	m	20		
	Additional Charging Volume	g/m	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 :

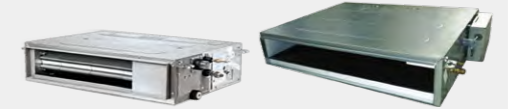
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 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)
- Quiet Operation (Low speed base by Sound pressure)
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible Installation (Low Static Pressure Model), Inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700mm lift increases flexibility and the perfect solution for draining of water

**LOW STATIC PRESSURE
CL09F / CL12F / CL18F / CL24F**



UUA1.U10 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)		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.U10	UUB1.U20	UUC1.U40	
Power Supply		Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min. A	15			
Power Supply Cable (Included Earth)		No x mm²	3C x 1.5			
Dimensions	Net	W x H x D mm	770 x 545 x 288			
Weight	Net	kg	33.3			
Compressor	Type	-	Twin Rotary			
	Type / GWP (Global Warming Potential)	-	R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq	kg	1.0 / 0.675			
	Chargeless	m	10			
	Additional Charging Volume	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.

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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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



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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
	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	
	Net		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	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 :

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



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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.0 / 14.0	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.80	0.70 / 3.48 / 4.52	0.90 / 4.32 / 5.62	1.00 / 4.95 / 5.54
	Heating	Min. / Rated / Max.	kW	0.60 / 2.77 / 3.77	0.80 / 3.74 / 4.86	0.90 / 4.31 / 5.26	0.90 / 4.60 / 5.29
Running Current	Cooling / Heating	Rated	A	11.1 / 12.6	15.3 / 16.4	19.0 / 18.4	21.6 / 20.4
EER / COP			kWh / kWh	3.80 / 3.90	3.45 / 3.61	3.10 / 3.60	2.95 / 3.65
SEER / SCOP			kWh / kWh	5.80 / 3.90	5.60 / 3.90	5.80 / 4.00	5.60 / 4.00
Pdesign	Cooling @ 35°C		kW	9.5	12.0	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal 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
	Body		kg	38.5	38.5	43.5	43.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 34 / 33	38 / 36 / 34	39 / 38 / 36	42 / 40 / 39
Sound Power Level	Cooling	Max.	dB(A)	60	62	65	66
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUD1.U30			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm²	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
	Type / GWP (Global Warming Potential)		-	R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	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 :

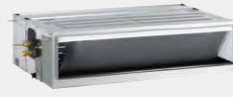
- Due to our policy of innovation some specifications may be changed without notification.
- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
- 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			
	Type / GWP (Global Warming Potential)			R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2,025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	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 :

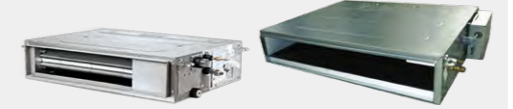
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2. Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 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.

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.U10

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.U10	UUB1.U20
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	15	20
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330
Weight	Net		kg	33.3	44.5
Compressor	Type			Twin Rotary	Twin Rotary
	Type / GWP (Global Warming Potential)			R32 / 675	R32 / 675
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.0 / 0.675	1.2 / 0.81
	Chargeless		m	10	10
	Additional Charging Volume		g/m	20	40
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35
Piping Elevation	IDU - ODU	Max.	m	30	30

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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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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



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COMBINATION		18	24	30	36		
Capacity	Cooling	Min. / Rated / Max. kW	18 / 5.0 / 5.6	27 / 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	12	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	m³/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.U10	UUB1.U20	UUC1.U40	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	25	
Power Supply Cable (Included Earth)			No x mm²	3C x 1.5	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	33.3	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	
	Precharged Amount / t-CO ₂ eq		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	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	

* : 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.
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.



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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	m³/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.	m³/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
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 mm²	5C x 2.5	5C x 2.5
Transmission Cable			No. x mm²	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 :

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

CEILING SUSPENDED



Differentiated Design

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



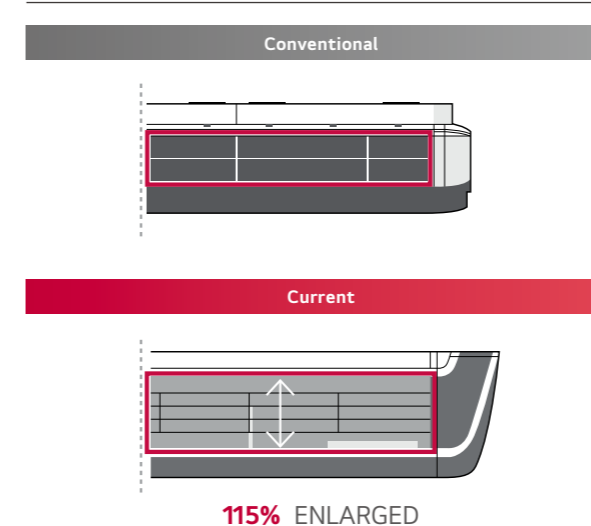
Powerful Cooling & Heating

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

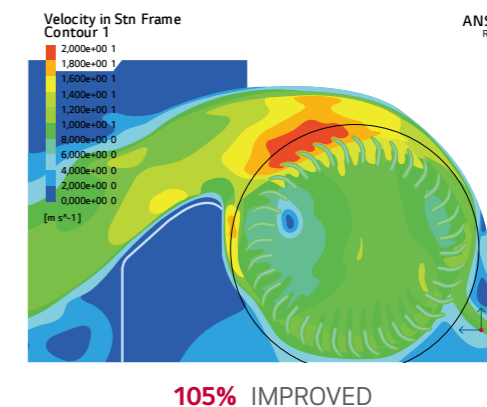


Airflow path and improved heat exchanger's performance.

Outlet Space

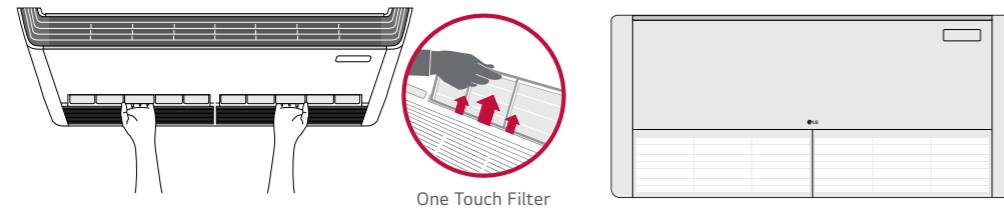


Optimized the Airflow Path



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.



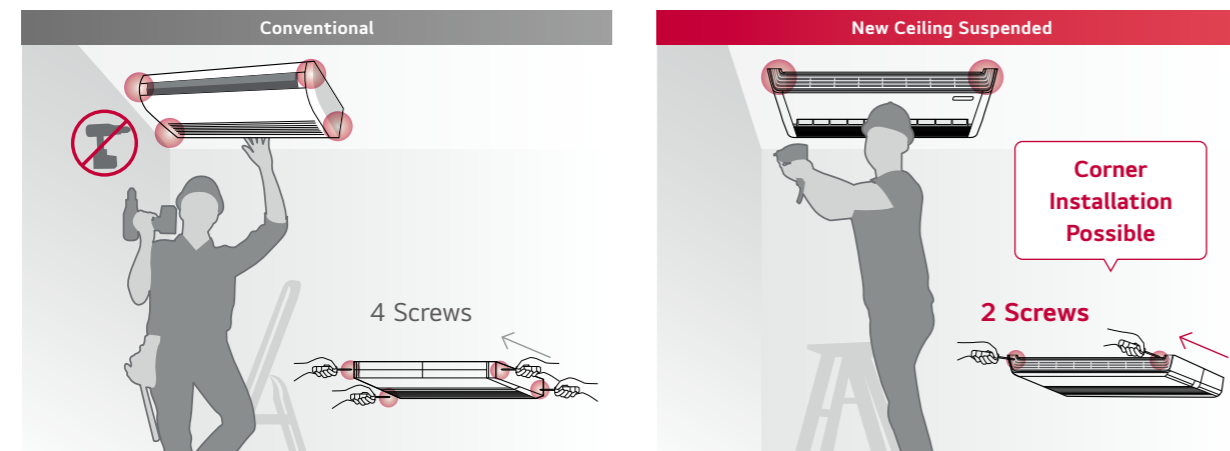
Two Thermistors Control

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



Installation

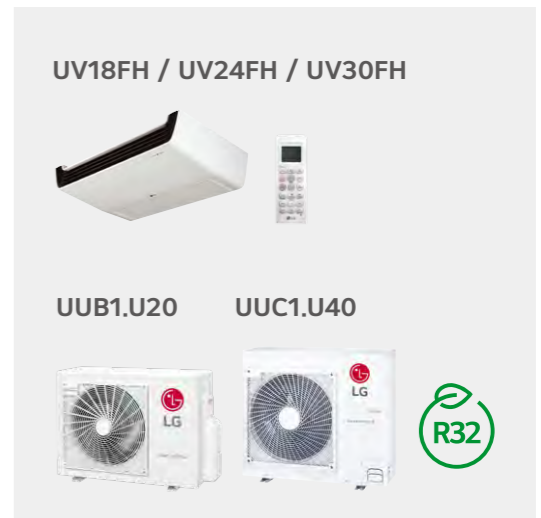
Installation speed and ease is improved by reducing the total number of screws used and placing the screws on the easily accessible front panel.



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**



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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
	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
	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	
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	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.

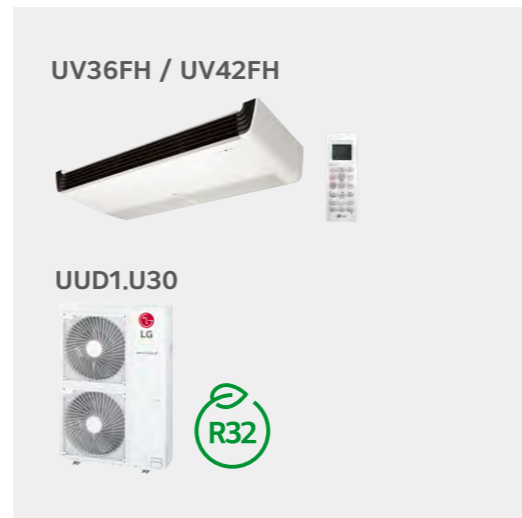
Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**



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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 ₂ eq		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.

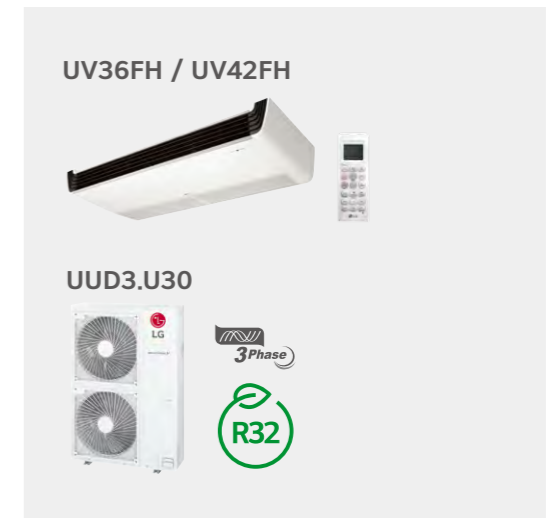
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COMBINATION				36	42
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.1 / 14.5
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.75	0.70 / 3.64 / 4.91
	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 ₂ eq		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
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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		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		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	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		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		kg	85			
Compressor	Type		-	Inverter Scroll			
	Type / GWP (Global Warming Potential)		-	R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	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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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
- This product contains fluorinated greenhouse gases (R32)
- 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)**



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

COMBINATION			36	42	48	60
Capacity	Cooling	Min. / Rated / Max. kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.4 / 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)		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	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	kg	85			
Compressor	Type	-	Inverter Scroll			
	Type / GWP (Global Warming Potential)	-	R32 / 675			
Refrigerant	Precharged Amount / t-CO ₂ eq	kg	3.0 / 2.025			
	Chargeless	m	20			
	Additional Charging Volume	g/m	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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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
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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.



EUROVENT CERTIFIED PERFORMANCE
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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)		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	kg	27.3	28	28	36.7
Sound Pressure Level*	Cooling	H / M / L dB (A)	42 / 40 / 39	46 / 45 / 43	46 / 44 / 43	46 / 43 / 40
Sound Power Level	Cooling	Max. dB (A)	55	61	62	62
Piping Connections	Drain	O.D. / I.D. mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR			UUA1.U10	UUB1.U20	UUC1.U40	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min. A	15	20	25	
Power Supply Cable (Included Earth)		No x mm²	3C x 1.5	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D mm	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330	
	Weight	kg	33.3	44.5	57.7	
Compressor	Type	-	Twin Rotary	Twin Rotary	Twin Rotary	
	Type / GWP (Global Warming Potential)	-	R32 / 675	R32 / 675	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq	kg	1.0 / 0.675	1.2 / 0.81	1.9 / 1.283	
	Chargeless	m	10	10	20	
	Additional Charging Volume	g/m	20	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	

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

Note :

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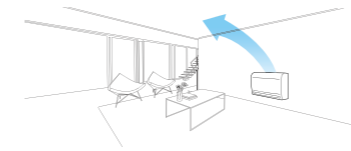
CONSOLE



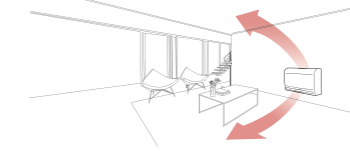
Optimized Air Flow for Cooling & Heating

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.

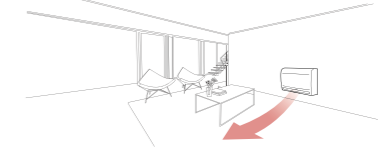
Cooling



Heating (Normal)



Heating (Floor Heating Mode)



Quick Floor Heating

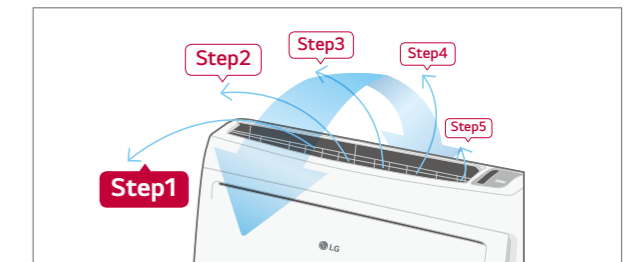
Console air conditioners portray high speed and powerful performance. Using the floor heating mode, console air conditioners provide floor heating at a faster pace in order to reach desired temperature more quickly.

	Company A	Electric Heater	LG	LG Floor Heating Mode
27°C				
15°C				
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

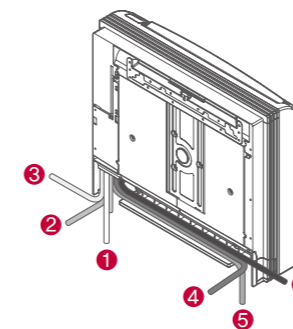
5-Step Vane Control

There are 5 different stages to control the air flow direction

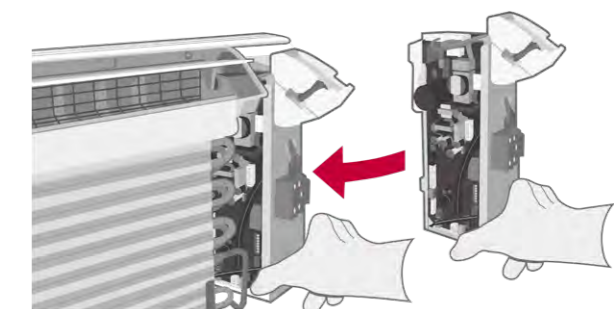


Easy Installation and Service

6 Different Ways to Install Piping



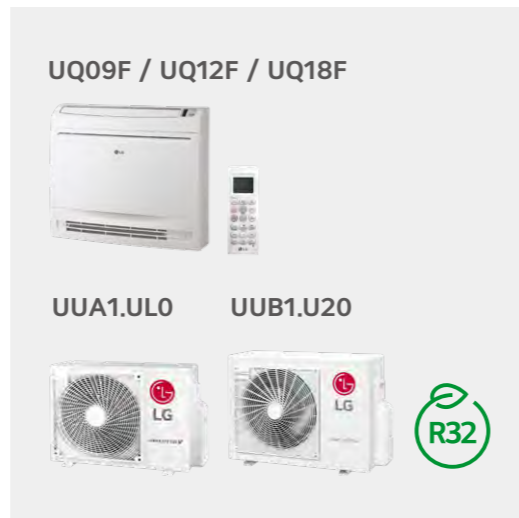
Easy Slide-type PCB



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.**



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

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

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

Note :

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 - 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

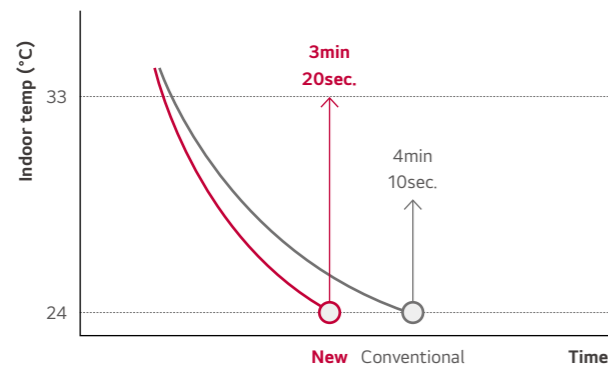
A 2013 Reddot design award winner, the new LG floor standing air conditioner is ideal for modern interiors in your home or office.



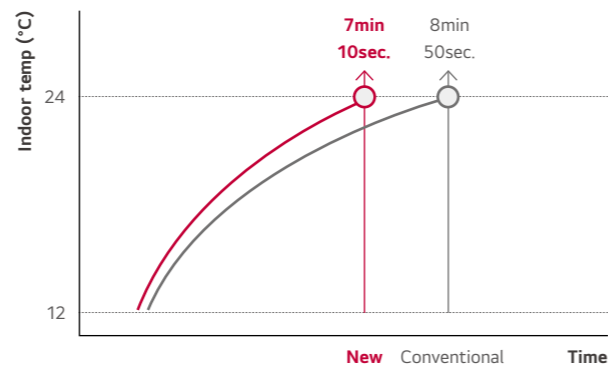
Quick Response

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

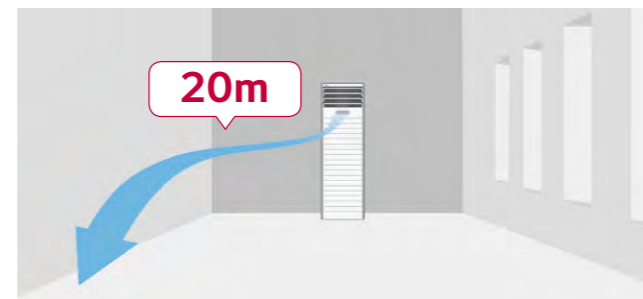


Heating



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.



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

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	
	Cooling	Nom.	kW	4.2	
Power Input (Set)	Heating	Nom.	kW	4.5	
	Heating	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	-	
	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	
Piping Connection	Drain	O.D. / I.D.	mm	32 / 25	
			m³/min	31 / 27 / 23	
Air Flow Rate					
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	m³/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
			kg	92.0	96.0
Net Weight	Type			R410A	R410A
	Charge		g	3,400	3,400
Refrigerant	Additional Charge		g/m	40	40
	GWP			2087.5	2087.5
	t-CO ₂ eq			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 mm²	3C x 5.0	5C x 5.0
Transmission Cable			No. x mm²	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
			mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
Piping Connection	Liquid		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)

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

Note :

- Due to our policy of innovation some specifications may be changed without notification.
- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R410A)
- 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.ULO



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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		kg (lbs)	8.2 (18.1)	8.2 (18.1)
Sound Pressure Level*	Shipping		kg (lbs)	10.2 (22.5)	10.2 (22.5)
	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.ULO	
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	
	Type / GWP (Global Warming Potential)		-	R32 / 675	
Refrigerant	Precharged Amount / t-CO ₂ eq.		kg	1.0 / 0.675	
	Control		-	EEV	
	Chargeless		m	10	
	Additional Charging Volume		g/m	20	
Total Piping Length	Air Flow Rate	Rated	m ³ /min x No.	28 x 1	
		Min. / Max.	m	5.0 / 30.0	
Piping Elevation	IDU-ODU	Max.	m	30	

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

Note :

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 - 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)
- 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		kg (lbs)	10.9 (24.0)	11.5 (25.4)
Sound Pressure Level*	Shipping		kg (lbs)	13.9 (30.6)	14.5 (32.0)
	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
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO ₂ eq.		kg	1.2 / 0.810	1.9 / 1.283
	Control		-	EEV	EEV
Refrigerant	Chargeless		m	10	20
	Additional Charging Volume		g/m	20	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

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

Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
- 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	m ³ /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		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
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675
	Precharged Amount / t-CO ₂ eq.		kg	1.9 / 1.283	3.0 / 2.025	3.0 / 2.025
	Control		-	EEV	EEV	EEV
Refrigerant	Chargeless		m	20	20	20
	Additional Charging Volume		g/m	40	40	40
	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

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

Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)
- For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

COMPACT INVERTER (R32)**High Performance with Easy Installation**

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



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

* : 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.

MULTI SPLIT



● Multi Only ○● Compatible with Residential Single Split ○◎ Compatible with Commercial Single Split

kBTu/h		5	7	9	12	15	18	24	
kW		1.5	2.1	2.6	3.5	4.2	5.3	7.0	
Wall Mounted	Gallery Premium			○● A09GA2.NSE	○● A12GA2.NSE				
	Gallery Special			○● A09GA1.NSE	○● A12GA1.NSE				
	Mirror		● AM07BK.NSJ	○● AC09BK.NSJ	○● AC12BK.NSJ		○● AC18BK.NSK	○● AC24BK.NSK	
	Premium			○● H09S1P.NS1	○● H12S1P.NS1				
	Deluxe			○● H09S1D.NS1	○● H12S1D.NS1		○● H18S1D.NS1	○● H24S1D.NS1	
	Special DC1		● DM07RK.NSJ	○● DC09RK.NSJ	○● DC12RK.NSJ		○● DC18RK.NSK	○● DC24RK.NSK	
	Special DC2			○● DC09RT.NSJ	○● DC12RT.NSJ				
	Special PC		● PM05SK.NSA	● PM07SK.NSA	○● PC09SK.NSJ	○● PC12SK.NSJ	● PM15SK.NSJ	○● PC18SK.NSK	○● PC24SK.NSK
	Special MJ		● MJ05PC.NSJ	● MJ07PC.NSJ	○◎ MJ09PC.NSJ	○◎ MJ12PC.NSJ	● MJ15PC.NSJ	○◎ MJ18PC.NSK	○◎ MJ24PC.NSK
	Special ET			● MS07ET.NSA	○● S09ET.NSJ	○● S12ET.NSJ		○● S18ET.NSK	○● S24ET.NSK
Ceiling Mounted Cassette	1 Way Cassette			● MT09R.NU1	● MT11R.NU1				
	4 Way Cassette		● MT06R.NR0	● MT08R.NR0	○◎ CT09FN.R0	○◎ CT12FN.R0		○◎ CT18FN.Q0	○◎ CT24FN.B0
Ceiling Concealed Duct	Mid / High Static Pressure						○◎ CM18FN.N10	○◎ CM24FN.N10	
	Low Static Pressure			○◎ CL09FN.N50	○◎ CL12FN.N50		○◎ CL18FN.N60		
								○◎ CL24FN.N30	
Console	R32			○◎ UQ09F.NA0	○◎ UQ12F.NA0		○◎ UQ18F.NA0		

kBTu/h	14	16	18	21	24	27	30	40
kW	4.1	4.7	5.3	6.2	7.0	7.9	8.8	11.7
Multi R32								
	MU2R15.U13 2-port	MU2R17.U13 2-port	MU3R19.U23 3-port	MU3R21.U23 3-port	MU4R25.U22 4-port	MU4R27.U42 4-port	MU5R30.U42 5-port	MU5R40.U42 5-port

※ All indoor units are compatible with R410A outdoor units.

kBTu/h		40	48	56
kW		11.7	14.1	16.4
Multi R410A	Distribution Box			
		FM40AH.U34 / FM41AH.U34 7-IDU	FM48AH.U34 / FM49AH.U34 8-IDU	FM56AH.U34 / FM57AH.U34 9-IDU

Combination & Flexibility

Refrigerant	Connectable Indoor Units	Wall Mounted																										
		Gallery		ARTCOOL				S1				Special DC1				Special DC2		Special PC										
		Premium	Special	Mirror		Premium		Deluxe		7		9		12		18		24		9	12	5	7	9	12	15	18	24
R32	MU2R15.U13	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU2R17.U13	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU3R19.U23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU3R21.U23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU4R25.U22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU4R27.U42	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
R410A	MU5R30.U42	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	MU5R40.U42	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	FM40AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	FM41AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	FM48AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	FM49AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Refrigerant	Connectable Indoor Units	Wall Mounted												Ceiling Mounted Cassette				Ceiling Concealed Duct				Console							
		Special MJ						Special ET						1 Way Cassette		4 Way Cassette		Mid / High Static Pressure		Low Static Pressure		Console							
		5	7	9	12	15	18	24	7	9	12	18	24	9	12	5	7	9	12	18	24	18	24	9	12	18	24	9	12
R32	MU2R15.U13	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU2R17.U13	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU3R19.U23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU3R21.U23	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU4R25.U22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU4R27.U42	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
R410A	MU5R30.U42	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU5R40.U42	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FM40AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FM41AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FM48AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

REFRIGERANT		R32					R32			R410A		
TYPE		MULTI PIPING					MULTI PIPING			DB BOX TYPE		
kBtu/h		14	16	18	21	24	27	30	40	40	48	56
kW		4.1	4.7	5.3	6.2	7.0	7.9	8.8	11.7	11.7	14.1	16.4
Energy Efficiency	BLDC Comp & Fan Motor	•	•	•	•	•	•	•	•	•	•	•
	Eurovent Certification	•	•	•	•	•	•	•	•	•	•	•
	NFPAC Certification			•	•			•	•			
	Variable Voltage Control	•	•	•	•	•	•	•	•	•	•	•
	Wide Louver Plus Fin	•	•	•	•	•	•	•	•	•	•	•
	Optimized Heat Exchanger Path	•	•	•	•	•	•	•	•	•	•	•
	Power Saving Start up	•	•	•	•	•	•	•	•	•	•	•
	Peak Current Control	•	•	•	•	•	•	•	•	•	•	•
	Mode Lock	•	•	•	•	•	•	•	•	•	•	•
Extreme Durability	R1 Compressor								•	•	•	•
	Twin Rotary Compressor	•	•	•	•	•	•	•				
	Smart Sensor Pressure Control					•	•	•	•	•	•	•
	Black Fin Heat Exchanger	•	•	•	•	•	•	•	•	•	•	•
Comfort & Convenience	Fast Cooling & Heating					•	•	•	•	•	•	•
	Night Silent Operation	•	•	•	•	•	•	•	•	•	•	•
	Wiring Error Check	•	•	•	•	•	•	•	•	•	•	•
	LG MV	•	•	•	•	•	•	•	•	•	•	•
	PI-485 Connection			•	•	•	•	•	•	•	•	•
	Forced Cooling Operation	•	•	•	•	•	•	•	•	•	•	•

PERFECT SOLUTION FOR MULTIPLE ROOMS



Energy Efficiency | Extreme Durability | Comfort and Convenience

LG's Multi Split system provides powerful, efficient cooling and heating with **up to nine indoor units** operating from a single outdoor unit.

LG's advanced inverter technology offers powerful performance while consuming less energy, occupying less space and making less noise compared to individual (two or more) single split systems.

A variety of sleek and elegant indoor units are available in a full range of capacities fitting any decor and room sizes.

With easy installation, there is a lower chance of technical defects, while various convenient functions for easy maintenance are proposed.



Enjoy A New Level Of Fresh Air

UVnano™ Filter Box



LG UVnano Filter Box can effectively create a safe indoor environment by trapping and removing various harmful substances such as Ultrafine dust, bacteria and viruses in the form of droplets.



Air Purification Operation



1) Based on TÜV Rheinland test conducted according to LG test method in compliance with ISO 20743, removing 99.99 of percent of Staphylococcus aureus, Staphylococcus epidermidis, and Klebsiella pneumoniae after being exposed to UV LED lights for 4 hours (Tested Models : PBM13M3UA0, PBM13M2UA0, PBM13M1UA0)
 2) Based on KCL (Korea Conformity Laboratories). The test was conducted in compliance with ISO 16890

Certificate



Certified Test Report
 The built-in UV LED module of the tested model (PBM13M3UA0) demonstrated over 99.99% disinfection performance on bacteria at measuring points of the Pre-Filter under the proposed test conditions.

** Tested by TUV Rheinland Standard



Certified Test Report
 The built-in UV LED module of the tested model (PBM13M3UA0) demonstrated 99.99% disinfection performance on virus (Phi X 174) at measuring points of the Pre-Filter under the proposed test conditions.

** Tested by TUV Rheinland Standard

ePM₁ 65% Filter

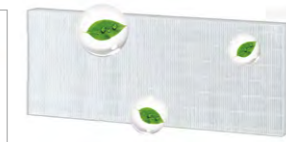
ePM₁, 65% Filtering capability rating in accordance with ISO 16890

Certified Test Report

TEST REPORT

ISO 16890

ISO ePM₁ 65 %



Comparison of Filter Classes

EN 779	ISO 16890 (Average Efficiency)				ASHRAE52.2
	ePM ₁	ePM _{2.5}	ePM ₁₀	Coarse	
G1	-	-	-	-	MERV 1-4
G2	-	-	-	30% - 50%	MERV 1-4
G3	-	-	-	45% - 65%	MERV 5
G4	-	-	-	60% - 85%	MERV 6-8
M5	5% - 35%	10% - 45%	40% - 70%	80% - 95%	MERV 8-10
M6	10% - 40%	20% - 50%	45% - 80%	> 90%	MERV 9-13
F7	40% - 65%	50% - 75%	80% - 90%	> 95%	MERV 13-14
F8	65% - 90%	75% - 95%	90% - 100%	> 95%	MERV 14-15
F9	80% - 90%	85% - 95%	90% - 100%	> 95%	MERV 16

** Tested by KCL (Korea Conformity Laboratories)
 ※ ISO 16890 Standard provides lab evaluation procedures which more realistically simulate actual operating conditions, replacing EN 779 Standard's filter classes G1-F9 by a classification system based on particulate groups PM1, PM2.5 and PM10.
 ※ Unlike EN 779 Standard which specifies Filter Classes, ISO 16890 Standard classifies according to Filter Groups, evaluating a filter's performance by its arrestance of particles from 0.3µm to 10µm in size. Filter Group PM1 comprises particulate sizes ≤ 1.0µm, PM2.5 includes particulates sizes ≤ 2.5µm and PM10 covers particulate sizes ≤ 10µm.
 ※ Minimum efficiency is defined as the efficiency achieved following electrostatic discharge of the filter before testing.
 ※ Average efficiency is calculated by averaging the filter's efficiencies in the untreated state (before electrostatic discharge) and in the discharged state.

ENERGY EFFICIENCY A+++ / A+

Products with the highest energy efficiency.
Maximize energy savings to reduce electricity bill burden.

SEER / SCOP class (ErP regulation)

Nominal Capacity	kBTu/h	14	16	18	21	24	27	30	40
	kW	4.1	4.7	5.3	6.2	7.0	7.9	8.8	11.2
SEER		8.60	8.50	8.60	8.50	8.00	8.20	8.20	7.50
Efficiency (Wh / Wh)		A+++	A+++	A+++	A+++	A++	A++	A++	A++
SCOP		4.61	4.61	4.65	4.65	4.40	4.30	4.30	4.40
		A++	A++	A++	A++	A+	A+	A+	A+

- Peak Current Control
- Enhanced Heat Exchange
- Mode Lock
- R1 Compressor

High Seasonal Energy Efficiency

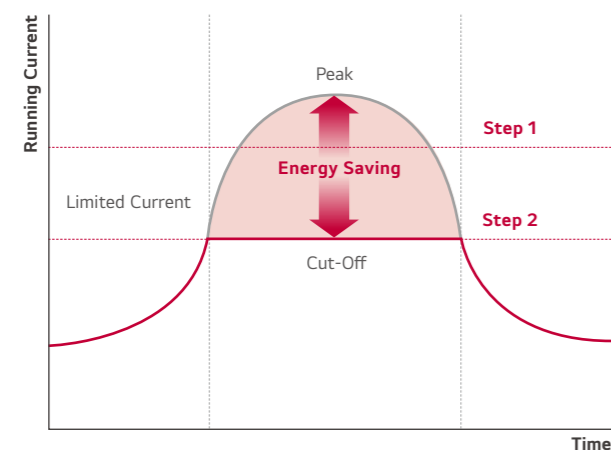
ACTUAL PERFORMING

SEER 8.60
SCOP 4.65
A+++ A++



Peak Current Control

Through the peak current control technology, it is possible to save energy and operation costs. A user can choose either cooling-only or heating-only operation by setting the dip switch.



- By limiting the running current to the maximum, the air conditioner can avoid running on the peak current level.
- This function can reduce energy costs during peak periods when electricity is more expensive.

How to set dip switch

① Max power consumption : 2.5 kW

② Max power consumption : 1.9 kW

Step 1



24% SAVE

③ Max power consumption : 1.7 kW

Step 2



32% SAVE

- 7.0kW model
- LG Internal test result

※ When using Peak current control, the cooling capacity may not be sufficient.

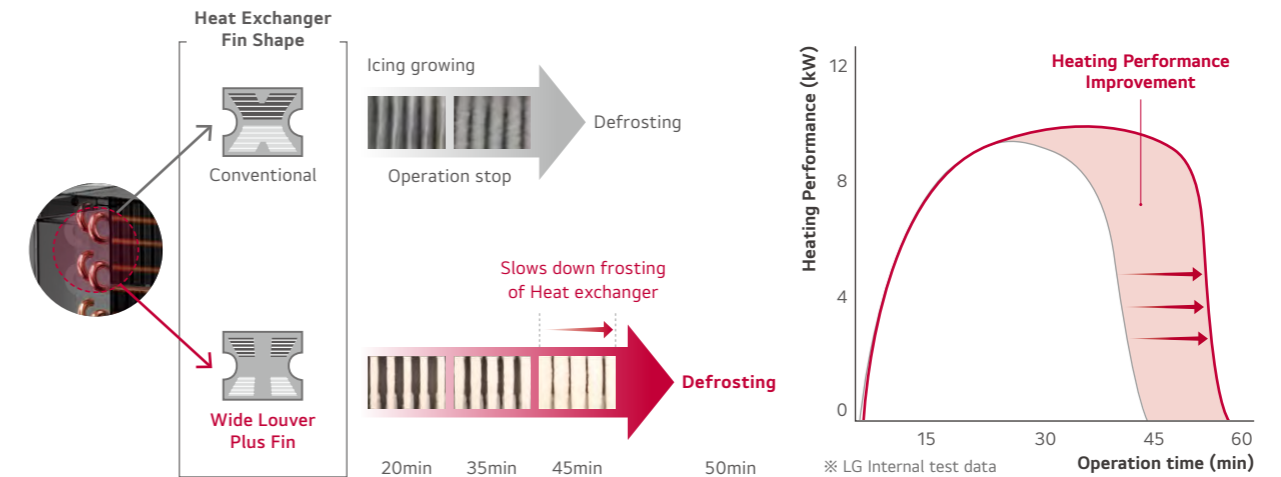
※ Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB,
Outdoor Ambient Temp. 35°CDB / 24°CWB

Enhanced Heat Exchange

Wide Louver Plus Fin technology contributes to 11% increase in full load heating performance and 6% increase in COP compared to a conventional fin. It can slow down the frosting of a heat exchanger and postpone the start of a defrosting operation.

Heating Operation at Defrost Condition

It can slow down frosting of heat exchanger and postpone the start of defrosting operation.



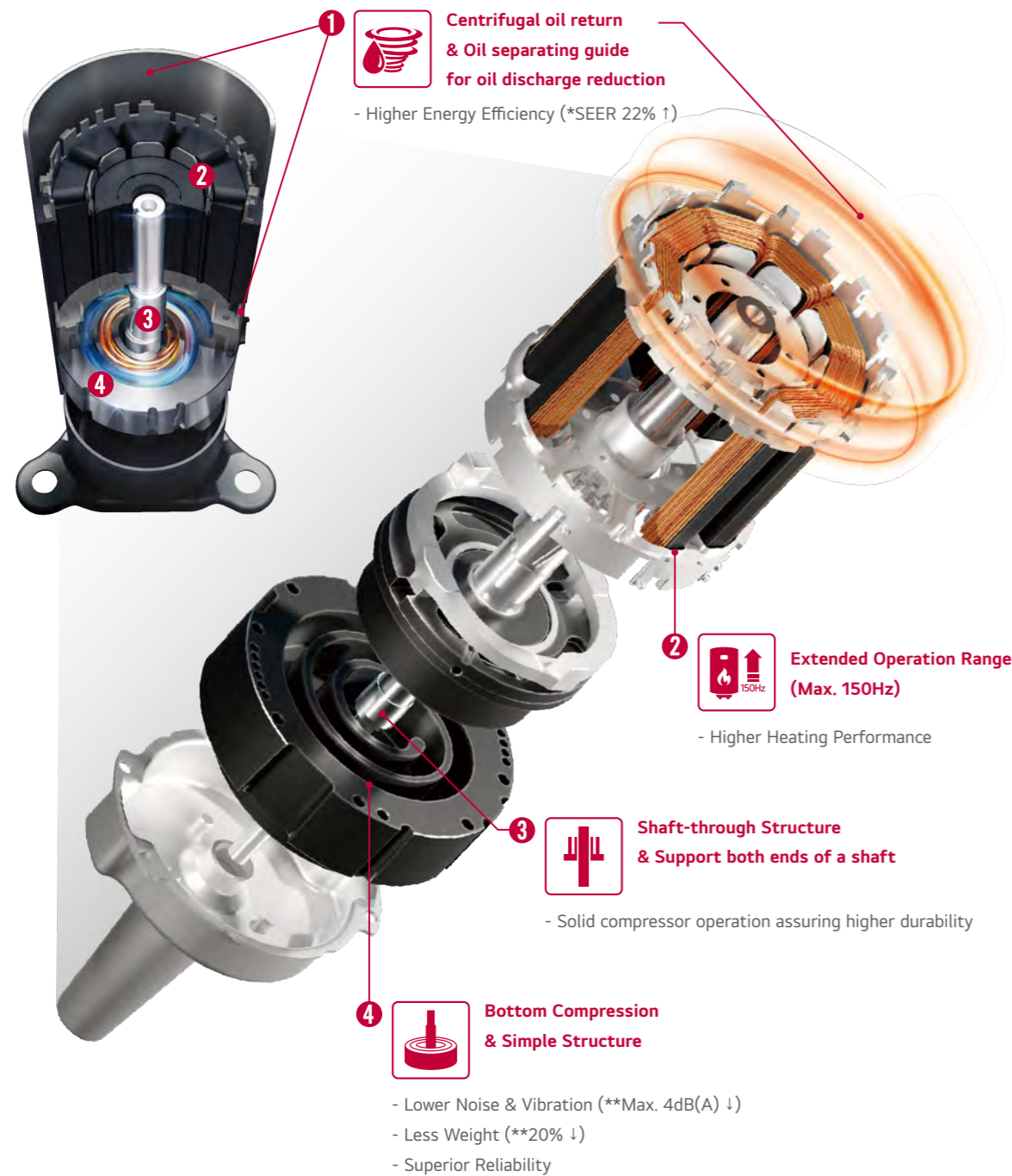
Mode Lock

The air conditioning system can be locked to operate in cooling only or heating only mode by a wired remote controller or adjusting dip switch*.



* Dip switch setting has the priority

R1 Compressor™



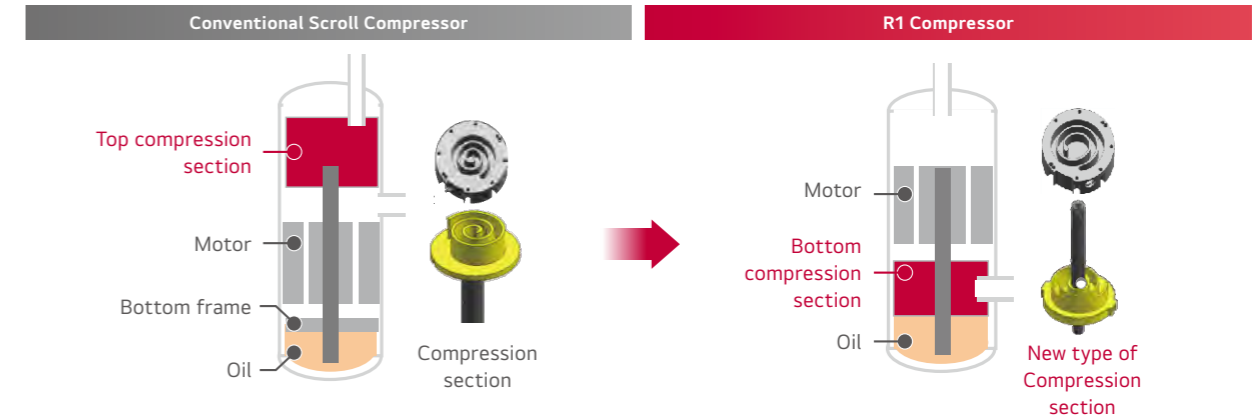
* LG Internal test result, Based on single split 10 kW Cassette
 ** LG Internal test result, Based on conventional compressor (Rotary type GPT442M)
 ※ R1 Compressor application ※ Model : 40-56k (7 models)

Revolutionary Scroll Compressor

Revolutionary Scroll Compressor serves for higher efficiency and reliability. This type of compressor is more advanced compared to the conventional one. The tilting motion of scroll has been improved in particular, as well as the operation range.

- Scroll compressor with simple structure
- High efficiency (Low load at low speed / total efficiency)
- Low noise (High speed possible)
- Improved Tilting Motion of scroll
- 20% weight reduction (vs. Conventional compressor)

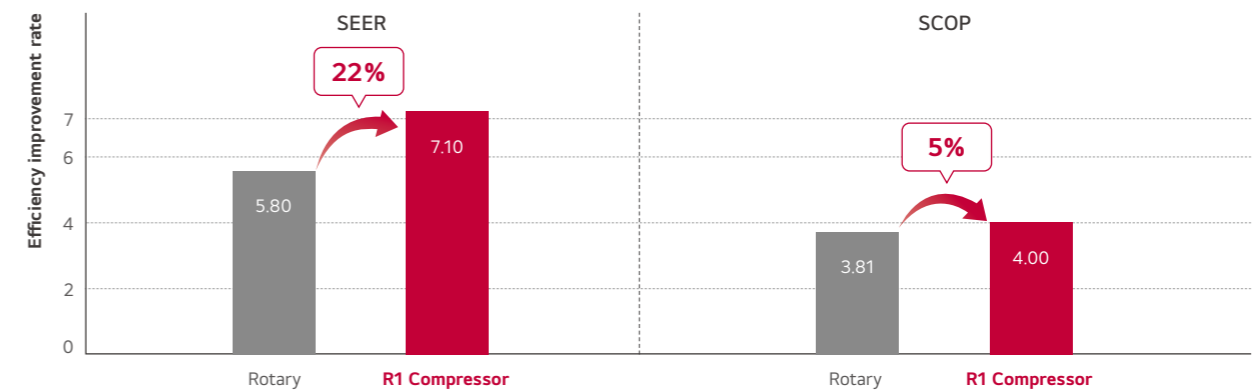
※ Applied Model : 40-56k (7 models)



Seasonal Energy Efficiency

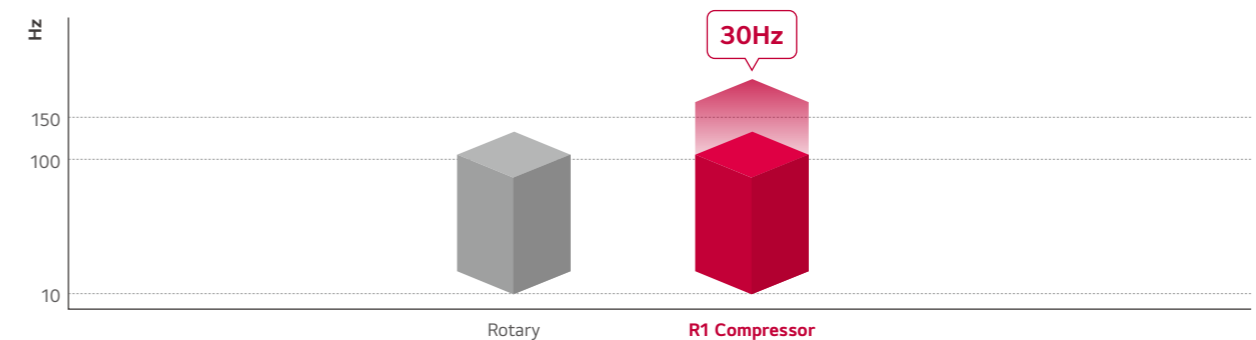
SEER 22%, SCOP 5% improvement (vs. Rotary)

※ Multi 40k



Wide Operation Range

- Optimized for operation with various cooling & heat load
- The world's best compressor speed (Up to 150 Hz)
- Low load operation optimized (down to 10 Hz): efficiency increased, comfort improved.



EXTREME DURABILITY

Product safety and Durability are ensured by advanced BLDC Dual Inverter compressor, Smart sensor and Black Fin Heat Exchanger.



- Improved BLDC Dual Inverter Compressor
- Wide Operation Range
- Corrosion Resistance Black Fin

Improved BLDC Dual Inverter Compressor

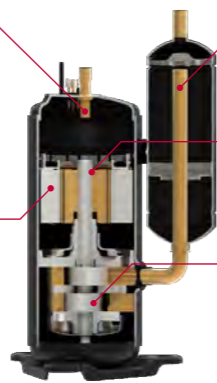
Parts of Dual Inverter Compressor have been improved to assure a longer lifespan of the product.

Flow Optimization

Oil inflow is increased by a longer oil discharge pipe, which keeps enough oil inside the compressor to prevent compressor abrasion.

Concentrated Winding Motor

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



Dual Inverter Compressor

Suction Optimization

Reduced suction loss and improved oil collection through the optimization of suction path.

Surface Coating

Surface coating of outstanding abrasion resistance property on vane and crank shaft.

Twin Rotary Rotor

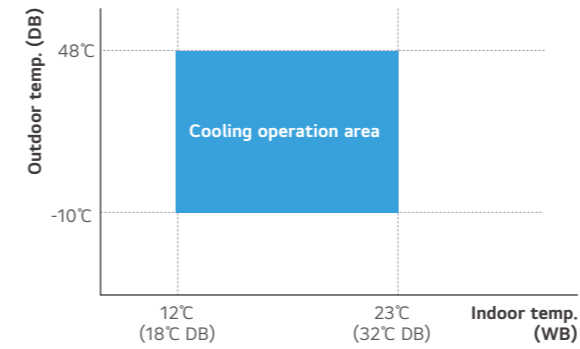
Upper and lower part rotor offset imbalance in shaft rotor rotation. Vibration and noise are reduced. Max torque load decreased by 45% compared to single rotor.



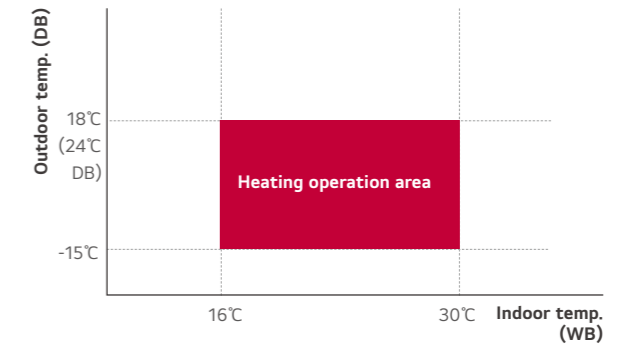
Wide Operation Range

Thanks to the wide operation range, models using R32 refrigerant are suitable for cooling in summer & heating in winter season.

Cooling Mode



Heating Mode



Corrosion Resistance Black Fin

The black coating with enhanced epoxy resin serves to protect the product from various external corrosive conditions such as salt contamination and air pollution including fumes from factories.

Longer Lifespan, Lower Maintenance Costs

Hydrophilic film (Water flow)

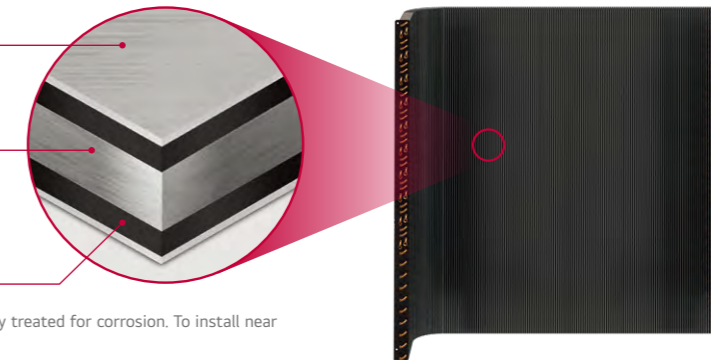
The Hydrophilic coating minimizes moisture buildup on the fin.

Complex resin (Corrosion resistant)

The Black coating provides strong protection from corrosion.

Aluminum Fin

※ In certain cases, the product might not be fully treated for corrosion. To install near the sea, additional protection is required.



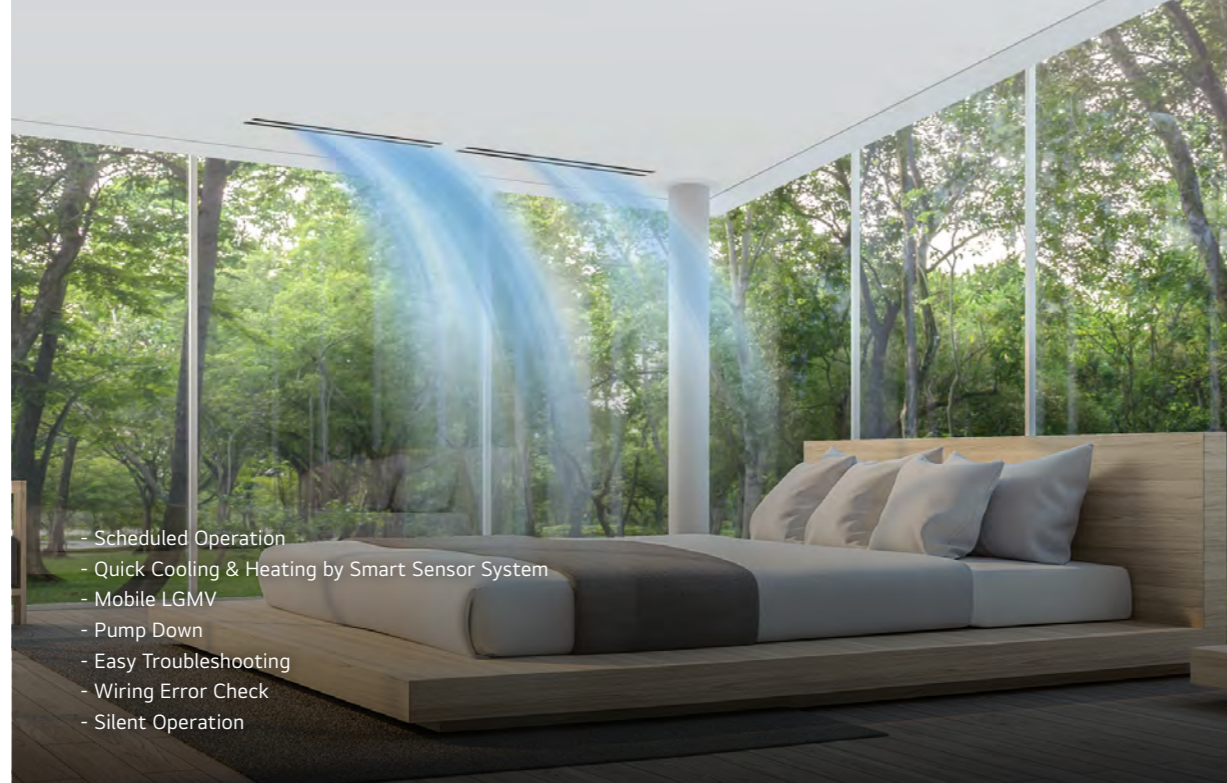
Verified Protection



- ※ Verification of corrosion resistance performance
- Test Method B of ISO21207
- ASTM B117 / ISO 9227 (10,000 hours)

COMFORT & CONVENIENCE

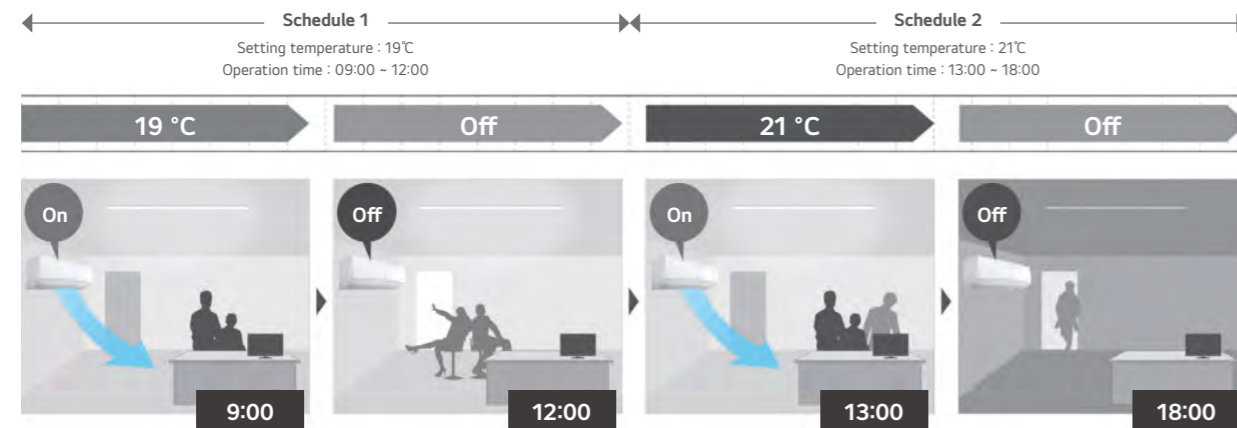
The advanced technologies of LG make a user feel comfort and convenience by several unique functions.



- Scheduled Operation
- Quick Cooling & Heating by Smart Sensor System
- Mobile LGMV
- Pump Down
- Easy Troubleshooting
- Wiring Error Check
- Silent Operation

Scheduled Operation

You can set up to 30 schedules for one day or a week.



※ : These functions need to connect to the wired remote controller.



Premium
- 5 schedules per day
- Up to 35 schedules for per week



Standard III
- Up to 30 schedules per one day or week



Standard II
- 2 schedules per day
- Up to 14 schedules for per week

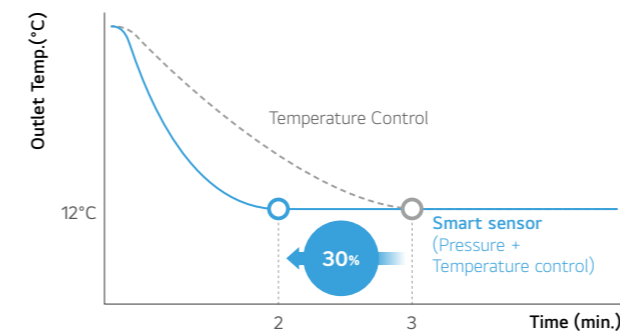
Quick Cooling & Heating by Smart Sensor System

Through the Smart Sensor System (Pressure & temperature control), a user can save time to reach the desired temperature and experience the quick and reliable operation with the LG Multi Split.

Performance of Smart Sensor System

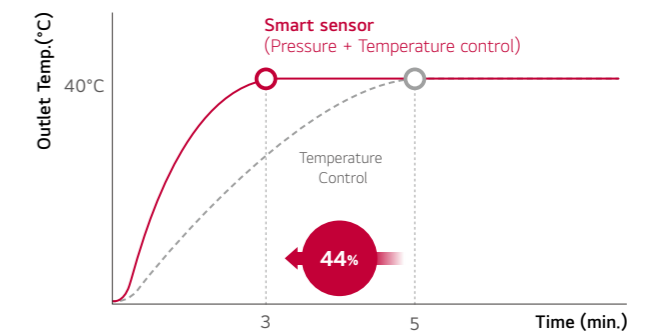
Smart Sensor System takes less time to reach the desired temperature: up to 30% in cooling and 44% in heating with high level of accuracy and stability.

Cooling Mode

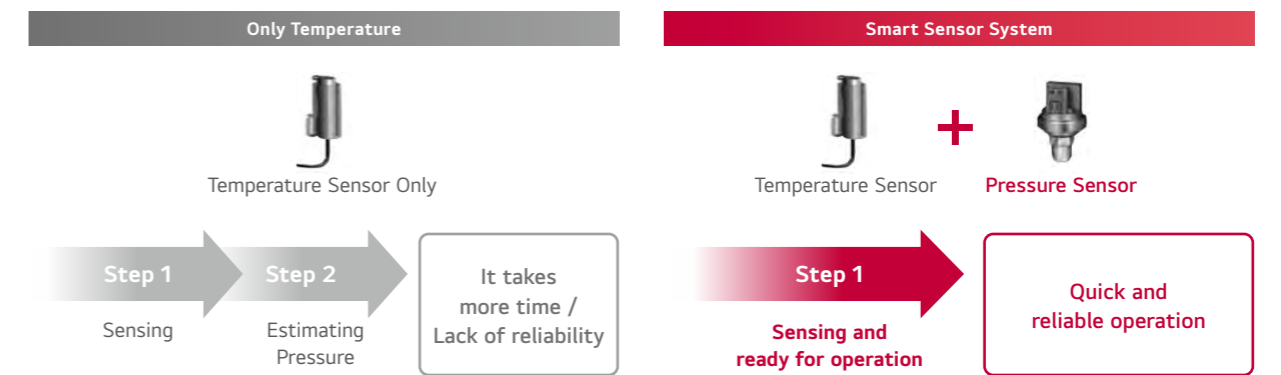


* Based on internal test data

Heating Mode

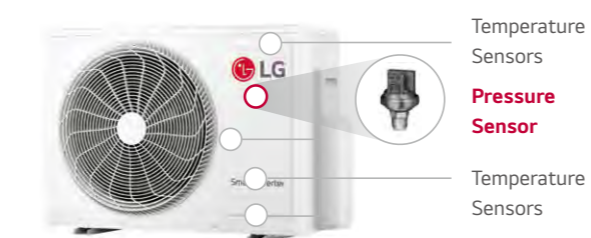


Why Smart Sensor System ?



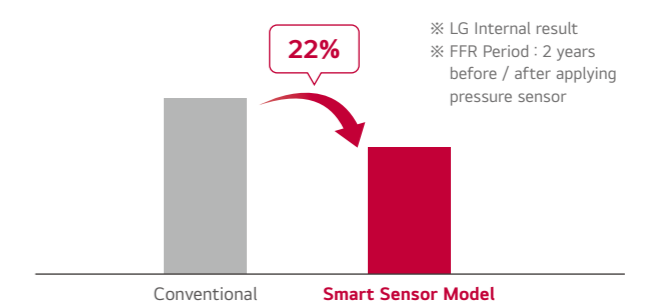
- Quick response due to sensing.
- Ensures to reach target performance point without failing to keep a reliable operation.

The Configuration of Smart Sensors



While every brand has temperature sensors, LG boasts a unique Smart sensor system, with several temperature sensors and a pressure sensor in order to directly measure refrigerant pressure precisely.

Field Failure Rate of Outdoor Unit

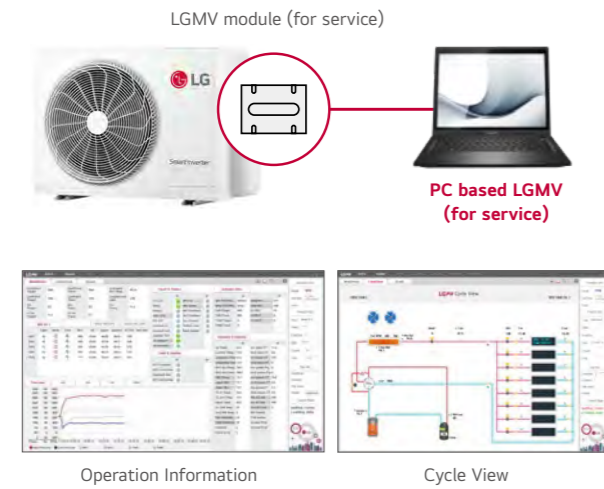


Mobile LGMV (Monitoring View)

LG MV simplifies the inspection (diagnosis) and monitoring of air conditioning units for engineers, allowing easy access through your smartphone or PC.

※ Specifications may vary for each model.

PC Version



Smartphone Version



IDU & ODU Information

Cycle & Valves

Sensors & Electricity

Cycle Diagram

Actuator Information

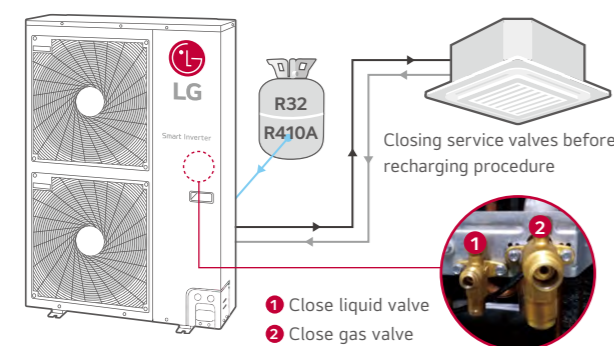
Technicians can not only review cycle information through diagrams and graphs but can also easily check error statuses (Troubleshooting guide) and take immediate action.

※ For Android or iOS Users: Search for "Mobile LGMV" on Google Play or the Apple Store and proceed with the download.
 ※ Additional Requirement: A Wi-Fi modem (PWFMD200) is required as an optional accessory.

Pump Down (Forced Cooling Operation)

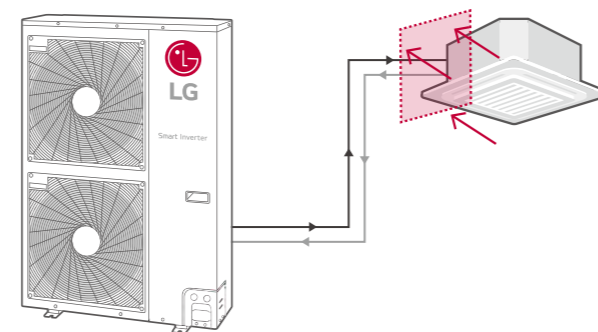
The Pump Down (Forced cooling operation) allows refrigerant to be recharged or pumped down regardless of the indoor and outdoor temperature. This function is very useful when indoor units are being relocated or repaired during winter.

Recharging



Possible to pump down refrigerant forcibly during winter when indoor or outdoor condition may not meet operation range.

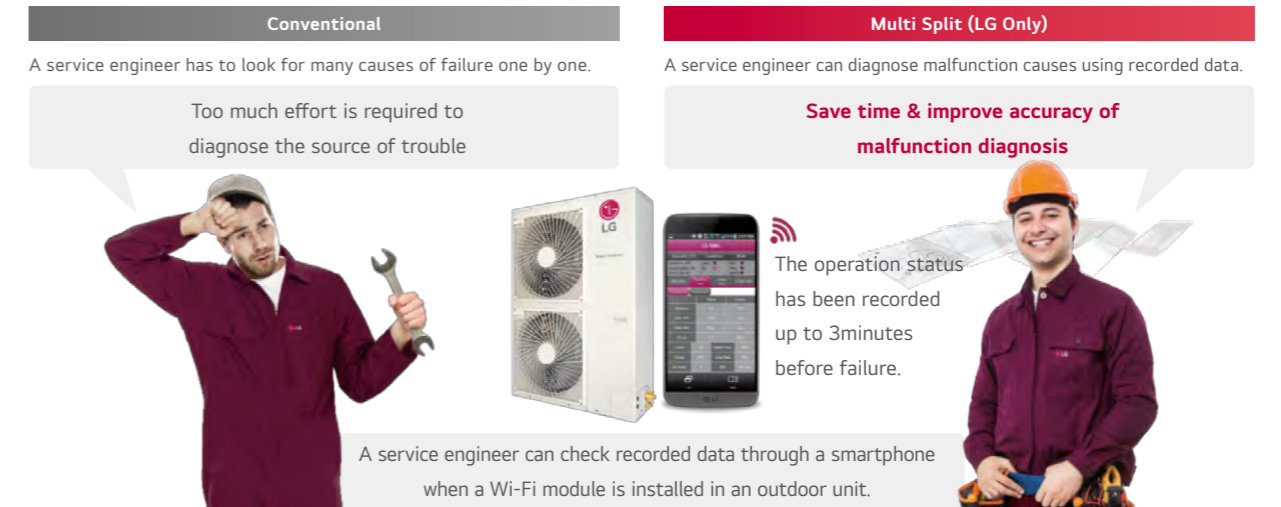
Pump Down



Easy Troubleshooting

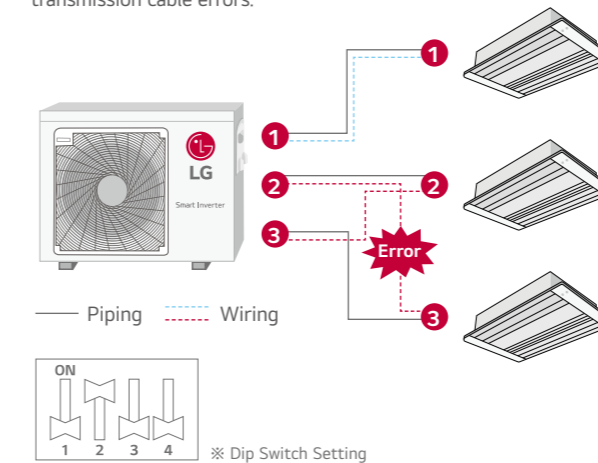
The operation status is recorded until a malfunction occurs.

A service engineer can analyze the malfunction cause more easily during maintenance.



Wiring Error Check

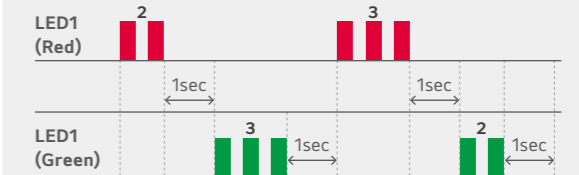
During trouble shooting after installation, installers can check whether the transmission cable has been connected correctly by using the wiring error check function. It can be shown at outdoor PCB. This wiring error check function can reduce the time taken to check for transmission cable errors.



LED Result

- If the wiring is correct, the Green LED will light up.
- If the wiring is wrong, display is as below.
 - Red LED : Piping Number
 - Green LED : Wiring Number (Room)

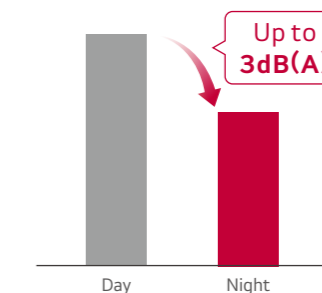
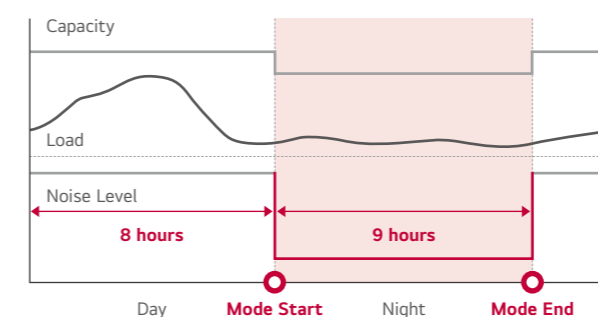
Ex) If the Red LED blinks twice and the Green LED blinks 3 times, 2nd wire is connected to the 3rd indoor unit.



Silent Operation

Silent Operation can reduce noise levels by simply setting the dip switch on the PCB of the outdoor unit.

Cooling Mode



※ This function is only available for Cooling Mode.
 ※ If you want to stop the Night Quiet Mode, Change the Dip Switch.

R32 MULTI SPLIT



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

OUTDOOR UNITS				MU2R15.U13	MU2R17.U13
Compressor	Type			Twin Rotary	Twin Rotary
Capacity**	Cooling	Min. / Nom. / Max.	kW	0.9 / 4.1 / 4.7	0.9 / 4.7 / 5.4
	Heating	Min. / Nom. / Max.	kW	1.0 / 4.7 / 5.4	1.0 / 5.1 / 5.5
Low Temperature Capacity	Heating -7°C	Max.	kW	3.7	4.0
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.2 / 1.0 / 1.4	0.2 / 1.2 / 1.8
	Heating	Min. / Nom. / Max.	kW	0.2 / 1.1 / 1.5	0.2 / 1.2 / 1.5
Running Current	Cooling	Min. / Nom. / Max.	A	1.0 / 4.4 / 6.2	1.0 / 5.4 / 8.0
	Heating	Min. / Nom. / Max.	A	1.1 / 4.7 / 6.5	1.1 / 5.3 / 6.7
EER				4.10	3.84
COP				4.40	4.25
SEER				8.60	8.50
SCOP				4.61	4.61
Pdesign (@-10°C)			kW	3.60	3.60
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A++	A+++ / A++
Annual Energy Consumption	Cooling / Heating			167 / 1,095	193 / 1,095
Airflow Rate	Nom.		m³/min	35	35
Sound Pressure*	Cooling	Nom.	dB(A)	45	46
	Heating	Nom.	dB(A)	48	49
Sound Power	Cooling	Max.	dB(A)	60	61
Dimensions	W x H x D			770 x 545 x 288	770 x 545 x 288
Net Weight				32.5	32.5
Refrigerant	Type	R32			
	Charge		Kg	1.04	
	Additional Charge		g/m	-	
	GWP	675			
	t-CO ₂ eq	0.702			
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-15 / 18	-15 / 18
Power Supply				Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable				No. x mm²	3C x 2.5
Transmission Cable				No. x mm²	4C x 0.75
Circuit Breaker				A	13
Piping Length Total				m	30
Piping Length per Branch	Max.			m	20
Piping Elevation Difference	IDU - ODU	Max.	m	15	15
	IDU - IDU	Max.	m	7.5	7.5
Piping Connection	Liquid	mm (inch) x No.		Ø6.35 (1/4) x 2	Ø6.35 (1/4) x 2
	Gas	mm (inch) x No.		Ø9.52 (3/8) x 2	Ø9.52 (3/8) x 2

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

Notes :

1. Capacities are based on the following conditions:

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

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

Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.

2. **: See page "Combination Table".

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

4. At least two indoor units should be connected

5. Minimum combination ratio should be more than 40%.

6. This product contains fluorinated greenhouse gases (R32)

MU3R19.U23 / MU3R21.U23



MU4R25.U22



* This authentication applies only to 18k, 21k.



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

OUTDOOR UNITS				MU3R19.U23	MU3R21.U23	MU4R25.U22
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity**	Cooling	Min. / Nom. / Max.	kW	1.1 / 5.3 / 6.3	1.1 / 6.2 / 7.3	1.1 / 7.0 / 8.5
	Heating	Min. / Nom. / Max.	kW	1.2 / 6.3 / 7.3	1.2 / 7.0 / 7.8	1.2 / 8.1 / 9.1
Low Temperature Capacity	Heating -7°C	Max.	kW	5.2	5.6	5.9
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.3 / 1.2 / 1.8	0.3 / 1.5 / 2.4	0.3 / 1.8 / 2.8
	Heating	Min. / Nom. / Max.	kW	0.3 / 1.3 / 1.9	0.3 / 1.6 / 2.2	0.3 / 1.8 / 2.9
Running Current	Cooling	Min. / Nom. / Max.	A	1.3 / 5.3 / 8.1	1.3 / 6.6 / 10.7	1.3 / 8.0 / 12.6
	Heating	Min. / Nom. / Max.	A	1.2 / 5.9 / 8.6	1.2 / 6.9 / 9.8	1.3 / 8.3 / 12.9
EER				4.43	4.15	4.00
COP				4.80	4.51	4.40
SEER				8.60	8.50	8.00
SCOP				4.65	4.65	4.40
Pdesign (@-10°C)			kW	5.00	5.00	5.40
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A++	A+++ / A++	A++ / A+
Annual Energy Consumption	Cooling / Heating			215 / 1,505	253 / 1,505	308 / 1,718
Airflow Rate	Nom.		m ³ /min	50	50	50
Sound Pressure*	Cooling	Nom.	dB(A)	47	48	49
	Heating	Nom.	dB(A)	50	51	53
Sound Power	Cooling	Max.	dB(A)	61	62	64
Dimensions	W x H x D		mm	870 x 650 x 330	870 x 650 x 330	870 x 650 x 330
Net Weight			Kg	44.5	44.5	47.0
Refrigerant	Type			R32	R32	R32
	Charge		Kg	1.40	1.40	1.4
	Additional Charge		g/m	20	20	20
	GWP			675	675	675
	t-CO ₂ eq			0.945	0.945	0.945
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-15 / 18	-15 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm ²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm ²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	16	16	20
Piping Length Total			m	50	50	70
Piping Length per Branch		Max.	m	25	25	25
Piping Elevation Difference	IDU - ODU	Max.	m	15	15	15
	IDU - IDU	Max.	m	7.5	7.5	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 3	Ø6.35 (1/4) x 3	Ø6.35 (1/4) x 4
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 3	Ø9.52 (3/8) x 3	Ø9.52 (3/8) x 4

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

Notes :

1. Capacities are based on the following conditions:

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

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

Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.

2. **: See page "Combination Table".

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

4. At least two indoor units should be connected

5. Minimum combination ratio should be more than 40%.

6. This product contains fluorinated greenhouse gases (R32)



* This authentication applies only to 30k, 40k.



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

OUTDOOR UNITS				MU4R27.U42	MU5R30.U42	MU5R40.U42
Compressor	Type			Twin Rotary	Twin Rotary	Scroll
Capacity**	Cooling	Min. / Nom. / Max.	kW	1.3 / 7.9 / 9.5	1.3 / 8.8 / 10.6	1.3 / 11.2 / 14.7
	Heating	Min. / Nom. / Max.	kW	1.5 / 9.1 / 10.6	1.5 / 10.1 / 12.1	1.5 / 12.5 / 16.0
Low Temperature Capacity	Heating -7°C	Max.	kW	6.4	7.1	11.0
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.4 / 1.8 / 2.9	0.4 / 2.0 / 3.4	0.4 / 3.3 / 5.3
	Heating	Min. / Nom. / Max.	kW	0.6 / 2.1 / 3.4	0.6 / 2.2 / 3.6	0.4 / 3.1 / 5.3
Running Current	Cooling	Min. / Nom. / Max.	A	1.9 / 8.1 / 13.1	1.9 / 9.1 / 15.2	1.8 / 14.4 / 23.9
	Heating	Min. / Nom. / Max.	A	2.8 / 9.4 / 15.3	2.8 / 9.7 / 16.3	1.8 / 16.5 / 24.2
EER				4.39	4.40	3.50
COP				4.39	4.70	4.10
SEER				8.00	8.20	7.50
SCOP				4.30	4.30	4.40
Pdesign (@-10°C)			kW	7.00	7.40	9.10
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating			346 / 2,214	376 / 2,344	523 / 2,896
Airflow Rate	Nom.		m ³ /min	60	60	80
Sound Pressure*	Cooling	Nom.	dB(A)	48	49	52
	Heating	Nom.	dB(A)	52	53	54
Sound Power	Cooling	Max.	dB(A)	64	64	64
Dimensions	W x H x D		mm	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330
Net Weight			Kg	63.5	64.1	74.0
Refrigerant	Type			R32	R32	R32
	Charge		Kg	2.3	2.6	2.8
	Additional Charge		g/m	20	20	20
	GWP			675	675	675
	t-CO ₂ eq			1.553	1.755	1.890
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm ²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm ²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	25	25	40
Piping Length Total			m	70	75	85
Piping Length per Branch		Max.	m	25	25	25
Piping Elevation Difference	IDU - ODU	Max.	m	15	15	15
	IDU - IDU	Max.	m	7.5	7.5	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 4	Ø6.35 (1/4) x 5	Ø6.35 (1/4) x 5
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 4	Ø9.52 (3/8) x 5	Ø9.52 (3/8) x 5

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

Notes :

1. Capacities are based on the following conditions:

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

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

Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.

2. **: See page "Combination Table".

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

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5. Minimum combination ratio should be more than 40%.

6. This product contains fluorinated greenhouse gases (R32)

Soft Air Surrounds You In Comfort

LG DUALCOOL™ Premium / Deluxe



Why LG DUALCOOL™?



Comfortable Air Flow

Enjoy a perfectly balanced breeze through multiple vanes and indirect air flow. Stay refreshed with automatic dehumidification matching your desired temperature. "Enjoy a Perfectly Balanced Breeze and Ideal Humidity, Tailored Just for You."



Proactive Energy Saving

Avoid worrying about unexpected electricity bills with kW manager. Human detecting sensor and window open detection actively save energy without having to worry about it.



Total Air Care

A multi-step filtration process with Freeze Cleaning that purifies the air, removes dust and bacteria, ensuring the air you breathe is always fresh.

Comfortable Air Flow

Soft Air

Stay comfortably cool with no chilly drafts and personalize breeze range and temperature.

<p>As-is</p> <p>When turned on, it becomes too cold, and if turned off, it becomes too hot. Additionally, when lying down on the bed, the direct cold wind can quickly make you feel uncomfortably cold.</p>	<p>To be</p> <p>Experience a shift from excessive cold to a more comfortable and pleasant airflow—a fine-tuned wind flow for your comfort.</p>	<p>Cooling</p> <p>Direct Flow (Bottom discharged wind flow)</p> <p>Room Temp. Control → Always cold wind</p>	<p>Soft Air</p> <p>Indirect Flow (Front discharged wind flow)</p> <p>Wind Temp. Control → A pleasant, comfortable wind</p>
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Air Flow Speed Comparison

Air Flow Speed

DUAL Vane

Dual Vane spreads airflow up or down, further and faster, for ideal comfort in any season.

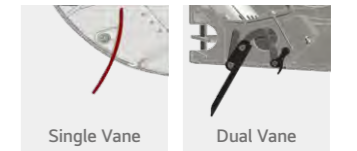


Longer Stream Wind

Two separated vanes are combined to create one large single vane with the longer vane shape, the Dual Vane can send airflow further than conventional models.

Indirect Flow

Dual Vane provide indirect mode for more comfortable experience compared to single vane. It provides that cold wind blows down from above of head, hot wind comes up from underneath of feet, reducing the discomfort of direct wind contact.



Air Flow Distance



Cooling Performance Speed



Heating Performance Speed

Faster Cooling & Heating

Dual Vane can provide optimized airflow that single vane can not achieve. It enables cooling up to 23% faster and heating up to 6% faster than single vane.



※ Performance comparison vs Single Vane

- 1) Date 2023.06, Measurement results in LG air conditioner test chamber, installation height 1.8 m, Fan mode. Using a wind speed probe, the height range from 0.1 to 1.7 m is measured in 0.2 m increments. Measures the maximum distance reached by airflow more than 0.25 m/s speed from the products
- 2) Date 2023.10 LG air conditioner home environment testing chamber, 20.9 m³/50.1 m³, Jet Mode, Indoor DB (33±0.3)°C / RH (60±5)%, Outdoor DB (35±0.3)°C / RH (50±5)% 18°C setting on cooling mode, Indoor DB (12±0.3)°C / RH (60±5)%, Outdoor DB (7±0.3)°C / RH (87±5)% 30°C setting on heating mode, measured the time took reduce 5°C (for Cooling) / rise 5°C (for heating), from the initial average room temperature. Test Model : S3-M12KL2MB (SK), S3-M121L1C0 (S1 New Platform)

Comfortable Air Flow

Comfort Humidity Control

No excess chill, Comfort Humidity Control perfects your home with humidity optimized to your desired temperature.

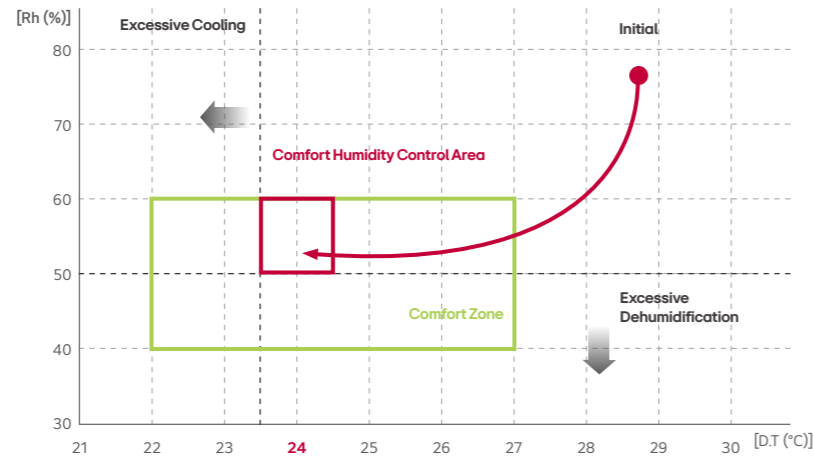
Conventional



LG DUALCOOL



Operation Example (24°C Setting)

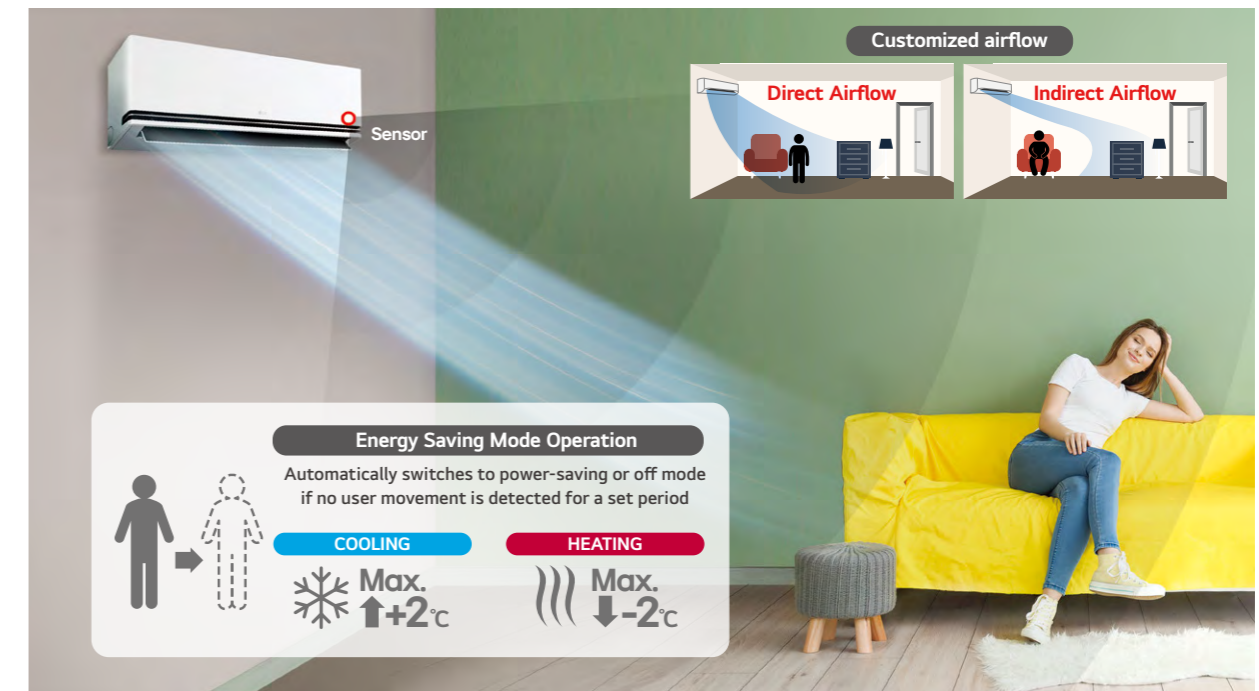


- ※ The air flow changes automatically based on the operating environment.
- ※ This function can be used through remote controller and LG ThinQ app.
- ※ The humidity is automatically controlled according to the temperature set by the customer.

Proactive Energy Saving

Human Detecting Sensor

Human Detection Sensor's location detector provides comfy airflow control and auto power-savings.



- ※ This function can be turned on/off through remote controller or LG ThinQ app.
- ※ The "Human Detection Sensor" only activates cooling and heating mode.
- ※ The judgment time of absence human detection can be set from 20 to 120 min through LG ThinQ app (Default 20 min).
- ※ Human body detection covers 100 degrees left and right based on the product, and the maximum detection distance is 5 m.
- ※ Depending on usage conditions, sensor detection range may be shortened.

A new air conditioner designed to seamlessly integrate with your senses and interior.

LG ARTCOOL™ Gallery

Premium / Special



Explore the ARTCOOL 2nd Evolution Gallery – an interior masterpiece.

Art Display (27" Full HD LCD)

Experience a 27" Full HD LCD display incorporated into the air conditioning unit. Customize the screen to suit your mood and preferences.



Wood Frame Design

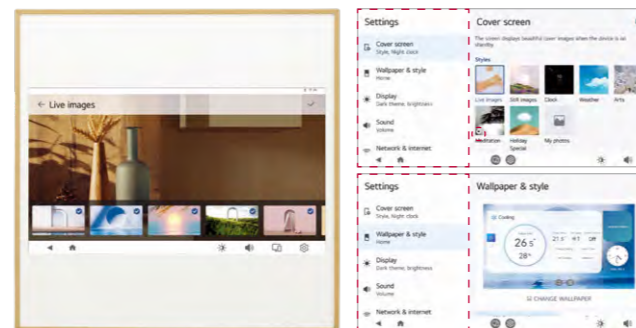
Featuring a modern and luxurious design that seamlessly harmonizes with any space.

The ARTCOOL Gallery Design has been submitted to the EU award through the international organization WIPO.



Create the interior settings using the LG ThinQ App

Choose up to 20 photos from your phone and send them to Look at Me through the ThinQ app, allowing you to view them on the air conditioner.



Low Noise

LG air conditioners operate at 19dB low noise level.

※ Specifications may vary for each model.

How It Works

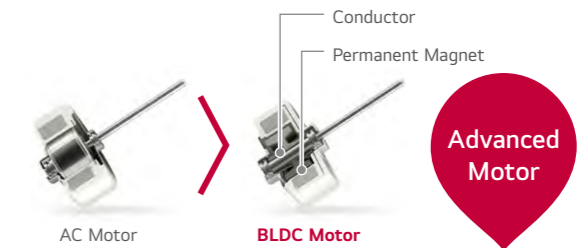
LG's Unique Skew Fan

By minimizing the surface pressure of the fan blade when in contact with the air, the noise produced by the air conditioning unit is reduced to a remarkably low level.



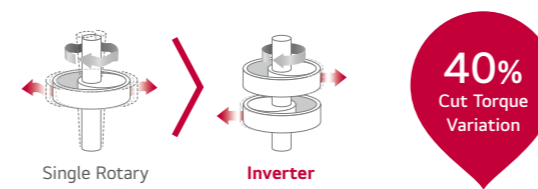
BLDC Fan Motor

With strong torque and powerful ND magnetism as well as precise speed control of 13 different steps for smooth operation, the BLDC motor provides substantial air volume and high static pressure, while keeping electrical and mechanical noise lower, and making high-speed operation available.



ALVC (Active Low Vibration Control)

A speed-error component estimates the load to compensate for imbalances, which are the primary causes of vibration and noise, enabling the rotation of the motor without vibration at low Hz levels.



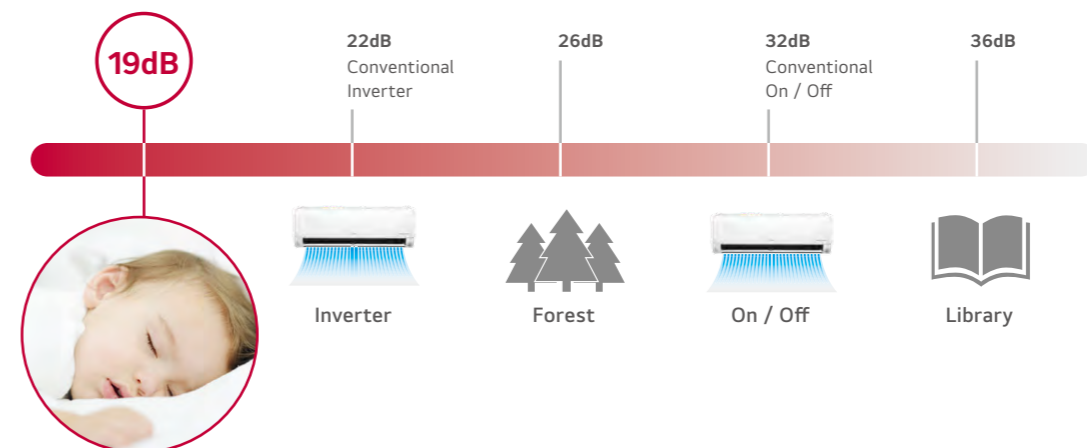
Conventional AC Motor

- Low efficiency.
- Heat problem during overhauling.
- Difficult precise speed control.

BLDC Motor

- Low electric and mechanical noise.
- Durable precise speed control.

Benefit



Fast Cooling

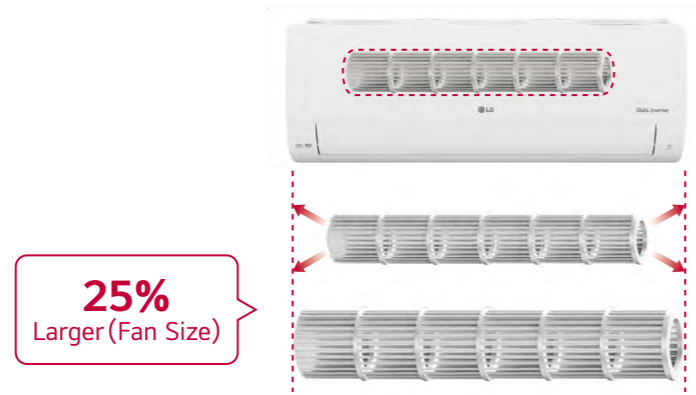
The cool airflow rapidly reaches all the corners of the room, keeping the space cool and comfortable.

※ Specifications may vary for each model. ※ Depending on the experimental conditions.

Pain Point

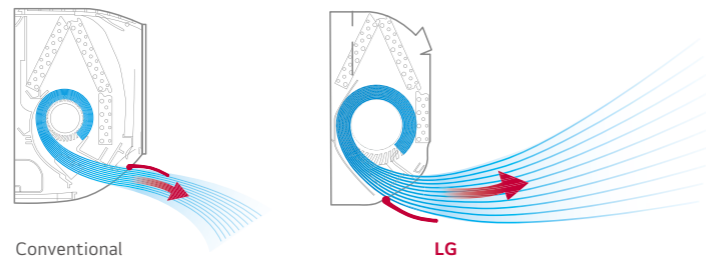
Bigger Skew Fan

Experience a 25% larger skew fan that generates highly powerful air blasts for efficient cooling.



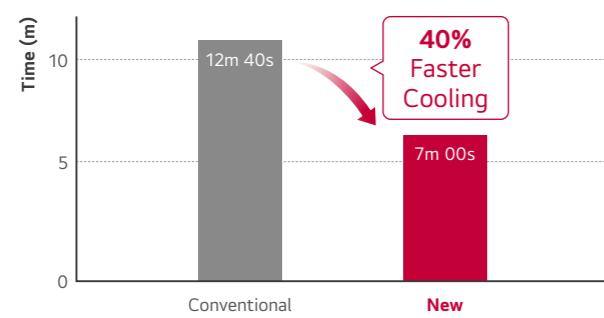
Cooling Outlet

The larger and optimally designed cooling outlet ensures broader coverage, rapidly cooling larger areas for a more comfortable environment.



Test Result

Test Result



※ 26.5°C Reach Time Comparison
 ※ Test Model
 - Conventional : TS-H2465DA0
 - New : US-Q242Kxy0
 ※ Test Conditions :
 Indoor temperature 33°C, Outdoor temperature 35°C,
 Relative humidity 60%, Setting temperature 26°C
 Test room size : 4.3 m * 7.0 m * 2.3 m

Fast Heating

LG Residential Air Conditioners satisfy user needs by consuming less energy and heating a wider space in a shorter period.

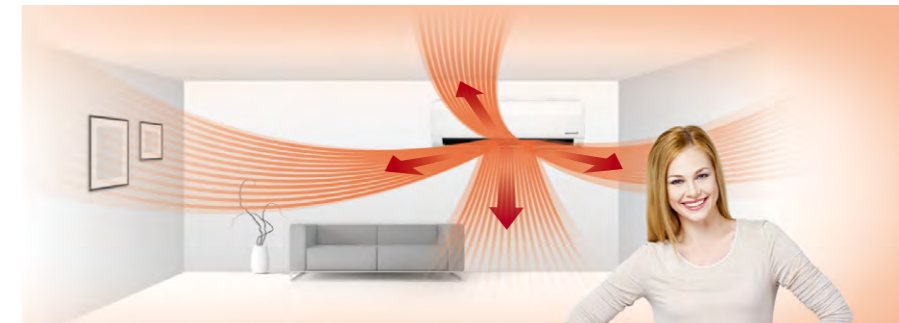
This creates a warm and comfortable living environment.

※ Specifications may vary for each model. ※ Depending on the experimental conditions.

How It Works

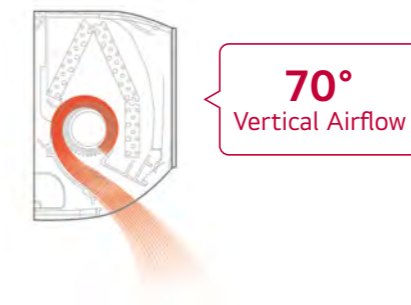
4 Way Auto Swing (Easy Airflow Control)

The 4-Way Auto Swing feature adjusts airflow dynamically based on the surrounding environment. This ensures the optimal distribution of warm air throughout living areas, facilitating quick and efficient heating.



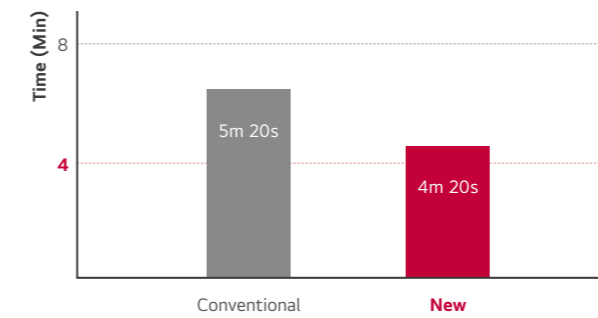
Vertical Airflow

During heating, the vane directs warm air downward, ensuring a pleasant and balanced room temperature.



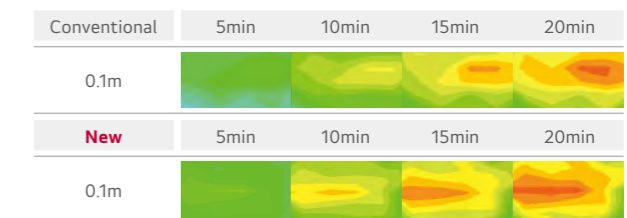
Benefit & Test Result

22% Quick Heating



※ Test Conditions :
 Outdoor temperature : 7°C, Indoor temperature : 12°C,
 Humidity : 87%, Remote control : 30°C Power

Changes in Temperature Over 20 Minutes



※ Test Conditions :
 Outdoor temperature : 7°C, Indoor temperature : 12°C,
 Humidity : 87%, Remote control : 30°C Power

UVnano™

LG DUALCOOL, keeping the fan (inside the unit) 99.99% bacteria-free with ultraviolet light to ensure that the air passing through is clean too.

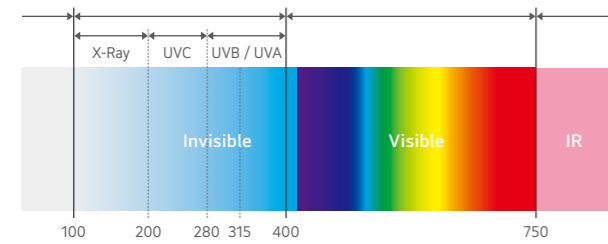
※ UVnano is an integrated marketing name that applies LG Electronics' entire home appliances and it is a compound of the words UV(ultraviolet) and nanometer (unit of length).

What Is UVnano™ and How It Works?

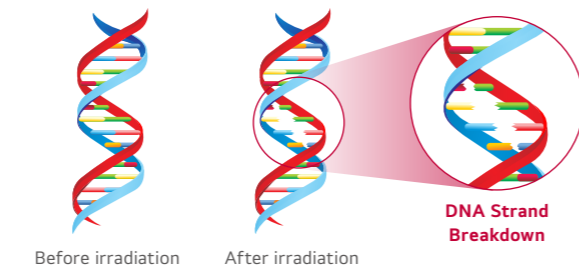
- Emit Ultraviolet rays of UVC wavelength directly damage the DNA of microorganisms (bacteria/mold/viruses) making it impossible for them to multiply.
- High absorption into DNA at 260 to 270 nm wavelengths

DNA Absorption Efficiency by Wavelength

Electromagnetic Spectrum and Types



Destruction Nuclear Sequence (Chain)

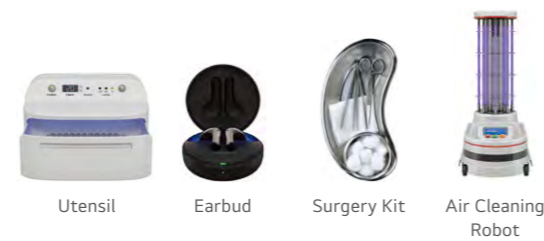


UVC Applied Product

LG Product



Various Product Lines



Benefit & Verification

Keep the fan 99.99% bacteria-clean for a cleaner breeze.



Removes up to **99.99%** of bacteria from the internal fan.



※ Test Condition
 - Test Model : S3NM12JL1GA(SJ), S3NM24K21GA(SK)
 - Test Standard : LG test method with referenced to ISO 20743:2007
 - Bacteria : Staphylococcus aureus, Staphylococcus epidermidis, Klebsiella pneumoniae

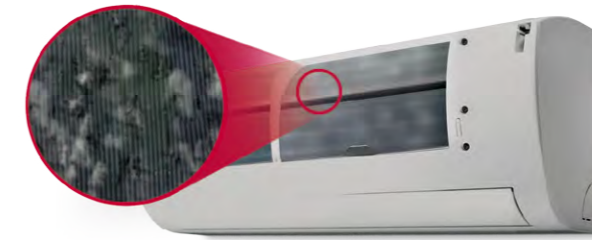
Auto Cleaning

The interior of the air conditioner is maintained clean by drying off the heat exchanger, then cleaning the interior once more.

※ Specifications may vary for each model.

Pain Point

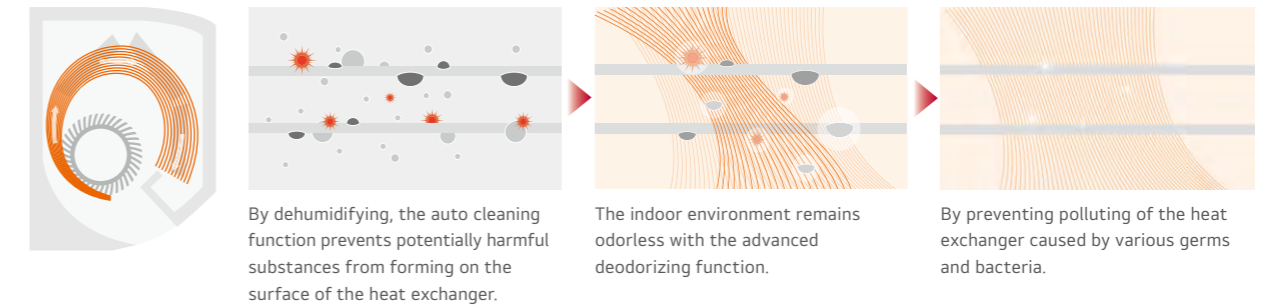
The main cause of odor within air conditioners is mold and bacteria growing on the heat exchanger. These germs can spread when the heat exchanger is wet.



How It Works

Cleans Filter with Regular Air Flow

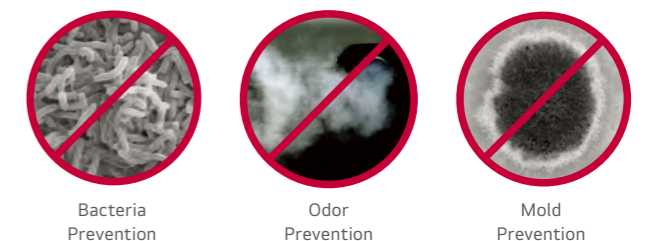
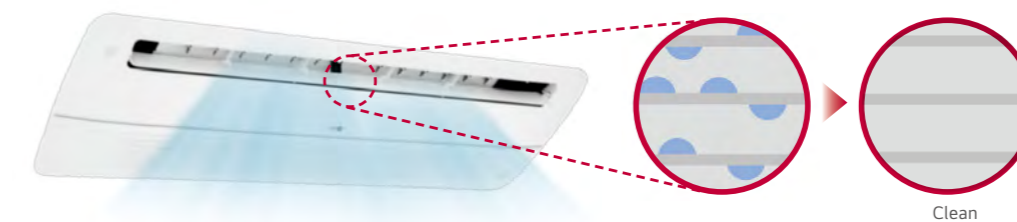
The comprehensive auto cleaning function prevents the formation of bacteria and mold on the heat exchanger, providing an enhanced environment.



Benefit

Removes Harmful Particles

Auto Cleaning provides clean air by preventing bacteria, mold and odors that can otherwise accumulate in an indoor unit.



Plasmaster™ Ionizer⁺⁺

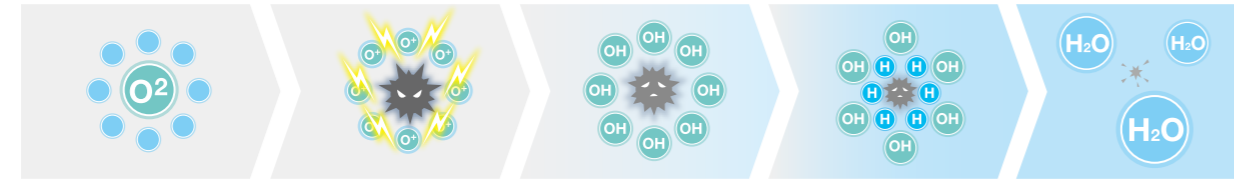
The powerful Plasmaster™ Ionizer⁺⁺ removes unpleasant odors, along with Escherichia coli and Staphylococcus on surfaces, using over 8 million ions. Experience a safer, cleaner indoor environment.

- ※ Specifications may vary for each model.
- ※ Depending on the experimental conditions.

How It Works

Reduction and Deodorization (Utilizes Over 8 Million Ions)

Plasmaster Ionizer⁺ reduces E.coli and Staphylococcus in the surface with over 8 million ions.

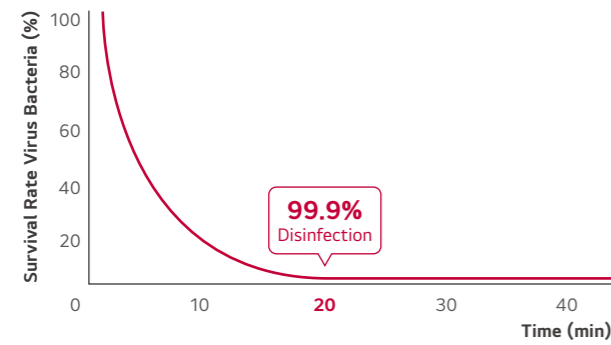


Release of Ions into Air	Surrounding Harmful Substances	OH Radical Production	Chemical Reaction	Disinfection
Ions are released into the air.	H- and O- bond to harmful particles.	OH radicals inactivate harmful substances.	OH radicals bond with H particles.	H ₂ O molecules are produced.

Test Result

Effective Reduction Performance

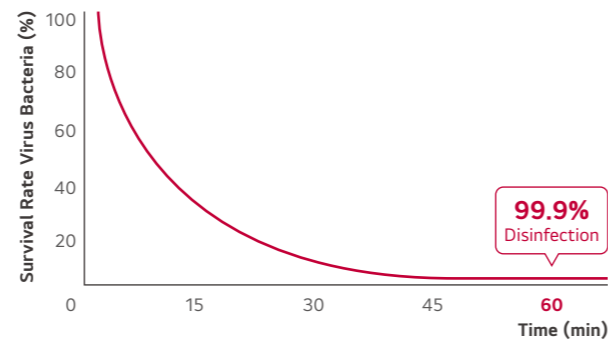
Remove Bacteria E.coli over 99.9% in 20 min



- ※ Test Conditions :
- Space : 30m³ Chamber (Measuring with the specimen in the center of test chamber)
- Temperature & Humidity : Normal
- Bacteria : E Coli colon bacillus
- Verified by Intertek & TÜV Rheinland

Staphylococcus Sterilization

Remove Staphylococcus aureus over 99.9% in 60 min



- ※ Test Conditions :
- Space : 30m³ Chamber (Measuring with the specimen in the center of test chamber)
- Temperature & Humidity : Normal
- Bacteria : Staphylococcus Aureus
- Verified by Intertek & TÜV Rheinland

Benefit & Verification

The LGE's ionizer, known as "Plasmaster Ionizer Plus," has demonstrated the capability to remove more than 99.9% of bacteria, including Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus aureus.



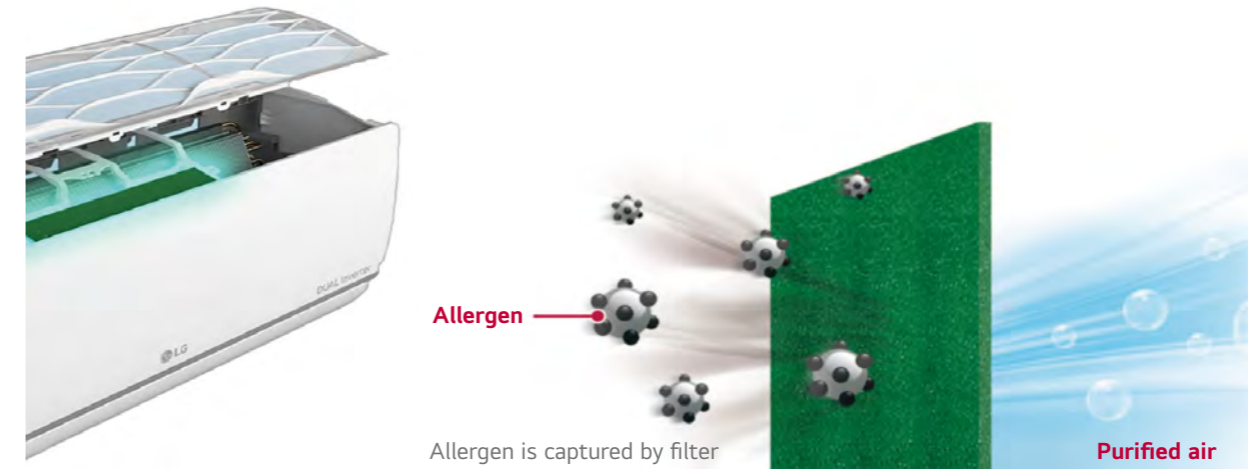
Allergy Filter

While airflow from an air conditioner may trigger symptoms associated with allergies or asthma, LG units feature an interior filter designed to absorb harmful particles such as dust mites, pollen, fungi, and mold that circulate in the air. This ensures a cleaner and more allergen-free environment.

- ※ Specifications may vary for each model.

How It Works

Removes allergy-causing substances, such as dust mites that can be found in the air.



Certification



Certified by AllergyUK

- * Test Condition Disclaimer
- A filter is coated to absorb harmful substances that can cause allergies.
- The air conditioner strongly absorbs indoor air and removes allergy-causing substances, such as house dust mite, fungi, mold, floating in the air.

Allergy UK (a world-renowned organization) is a British medical charity dedicated to helping adults and children with their allergies. The charity was founded in 1991 as the British Allergy Foundation, and in 2002 the operational name of the charity became Allergy UK. Allergy UK endorses certain products that restrict or remove high levels of allergens and gives them a Seal of Approval.



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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Gallery Premium	-	-	○● A09GA2.NSE	○● A12GA2.NSE	-	-	-

● Multi Only ○● Compatible with Residential Single Split ○● Compatible with Commercial Single Split

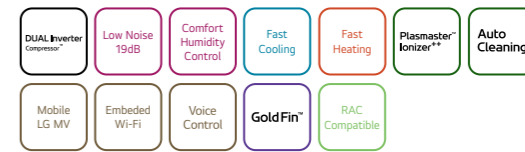
Multi Combination

INDOOR				A09GA2.NSE
Capacity	Cooling	Rated	W	2,500
	Heating	Rated	W	3,300
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 35 / 41
	Heating	L / M / H	dB(A)	28 / 35 / 41
Sound Power	Cooling	Power	dB(A)	60
		S / L / M / H	m³/min	3.0 / 6.0 / 7.8 / 9.4
Air Flow Rate	Cooling	Max. (Power)	m³/min	12
	Heating	L / M / H	m³/min	6 / 8 / 10
Dehumidification Rate			l/h	1.1
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75
Dimension			mm	652 x 652 x 158
Net Weight			kg	20
ACCESSORIES & OTHERS				A09GA2.NSE
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

INDOOR				A12GA2.NSE
Capacity	Cooling	Rated	W	3,500
	Heating	Rated	W	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 36 / 42
	Heating	L / M / H	dB(A)	28 / 36 / 42
Sound Power	Cooling	Power	dB(A)	60
		S / L / M / H	m³/min	3.0 / 6.0 / 8.0 / 9.6
Air Flow Rate	Cooling	Max. (Power)	m³/min	12
	Heating	L / M / H	m³/min	6 / 8 / 9.6
Dehumidification Rate			l/h	1.3
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75
Dimension			mm	652 x 652 x 158
Net Weight			kg	20
ACCESSORIES & OTHERS				A09GA2.NSE
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

Preliminary Data Only

* : Sound Pressure is not a value declared on Eurovent Program.
 ※ This product contains Fluorinated greenhouse gases (R32).
 ※ S : Sleep / L : Low / M : Medium / H : High
 ※ GWP : Global warming potential
 ※ t-CO₂eq : F-gas(kg)*GWP/1000
 ※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Gallery Special	-	-	○● A09GA1.NSE	○● A12GA1.NSE	-	-	-

● Multi Only ○● Compatible with Residential Single Split ○● Compatible with Commercial Single Split

Multi Combination

INDOOR				A09GA1.NSE
Capacity	Cooling	Rated	W	2,500
	Heating	Rated	W	3,300
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 35 / 41
	Heating	L / M / H	dB(A)	28 / 35 / 41
Sound Power	Cooling	Power	dB(A)	60
		S / L / M / H	m³/min	3.0 / 6.0 / 7.8 / 9.4
Air Flow Rate	Cooling	Max. (Power)	m³/min	12
	Heating	L / M / H	m³/min	6 / 8 / 10
Dehumidification Rate			l/h	1.1
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75
Dimension			mm	652 x 652 x 158
Net Weight			kg	20
ACCESSORIES & OTHERS				A09GA1.NSE
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

INDOOR				A12GA1.NSE
Capacity	Cooling	Rated	W	3,500
	Heating	Rated	W	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 36 / 42
	Heating	L / M / H	dB(A)	28 / 36 / 42
Sound Power	Cooling	Power	dB(A)	60
		S / L / M / H	m³/min	3.0 / 6.0 / 8.0 / 9.6
Air Flow Rate	Cooling	Max. (Power)	m³/min	12
	Heating	L / M / H	m³/min	6 / 8 / 9.6
Dehumidification Rate			l/h	1.3
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75
Dimension			mm	652 x 652 x 158
Net Weight			kg	20
ACCESSORIES & OTHERS				A12GA1.NSE
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

Preliminary Data Only

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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Mirror	-	● AM07BK.NSJ	○ AC09BK.NSJ	○ AC12BK.NSJ	-	○ AC18BK.NSK	○ AC24BK.NSK

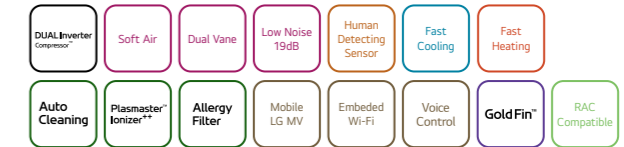
● Multi Only ○ Compatible with Residential Single Split ○ Compatible with Commercial Single Split

Multi Combination

INDOOR				AM07BK.NSJ	AC09BK.NSJ	AC12BK.NSJ
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	3,200	3,800
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 26 / 32 / 36	19 / 26 / 33 / 38	19 / 26 / 35 / 39
	Heating	L / M / H	dB(A)	26 / 32 / 36	26 / 33 / 38	26 / 35 / 39
Sound Power	Cooling	Power	dB(A)	57	57	57
	Heating	S / L / M / H	m³/min	3.0 / 5.0 / 7.2 / 8.6	3.0 / 5.0 / 7.6 / 9.1	3.0 / 5.0 / 8.1 / 9.6
Air Flow Rate	Cooling	Max. (Power)	m³/min	11.1	11.1	11.1
	Heating	L / M / H	m³/min	5.0 / 7.2 / 8.6	5.0 / 7.6 / 9.1	5.0 / 8.1 / 9.6
Dehumidification Rate			l/h	0.9	1.1	1.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	837 x 308 x 192	837 x 308 x 192	837 x 308 x 192
Net Weight			kg	9.9	9.9	9.9
ACCESSORIES & OTHERS				AM07BK.NSJ	AC09BK.NSJ	AC12BK.NSJ
Wall Type Single Split Compatible				-	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

INDOOR				AC18BK.NSK	AC24BK.NSK
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	31 / 34 / 42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	59	65
	Heating	S / L / M / H	m³/min	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
Air Flow Rate	Cooling	Max. (Power)	m³/min	16.8	18.3
	Heating	L / M / H	m³/min	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.9	2.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 212	998 x 345 x 212
Net Weight			kg	12.8	13.5
ACCESSORIES & OTHERS				AC18BK.NSK	AC24BK.NSK
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Premium	-	-	○ H09S1P.NS1	○ H12S1P.NS1	-	-	-

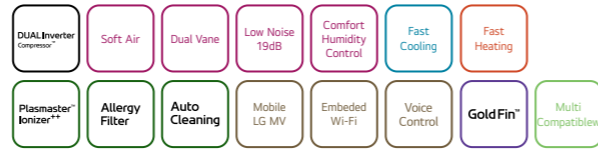
● Multi Only ○ Compatible with Residential Single Split ○ Compatible with Commercial Single Split

Multi Combination

INDOOR				H09S1P.NS1
Capacity	Cooling	Rated	W	2,500
	Heating	Rated	W	3,200
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 31 / 35
	Heating	L / M / H	dB(A)	27 / 31 / 35
Sound Power	Cooling	Power	dB(A)	60
	Heating	S / L / M / H	m³/min	2.0 / 5.7 / 6.9 / 8.1
Air Flow Rate	Cooling	Max. (Power)	m³/min	11.2
	Heating	L / M / H	m³/min	5.7 / 6.9 / 8.1
Dehumidification Rate			l/h	1.1
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75
Dimension			mm	895 x 307 x 235
Net Weight			kg	12.5
ACCESSORIES & OTHERS				H09S1P.NS1
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

INDOOR				H12S1P.NS1
Capacity	Cooling	Rated	W	3,500
	Heating	Rated	W	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 33 / 37
	Heating	L / M / H	dB(A)	27 / 33 / 37
Sound Power	Cooling	Power	dB(A)	60
	Heating	S / L / M / H	m³/min	2.0 / 5.7 / 7.4 / 9.1
Air Flow Rate	Cooling	Max. (Power)	m³/min	11.2
	Heating	L / M / H	m³/min	5.7 / 7.4 / 9.1
Dehumidification Rate			l/h	1.3
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75
Dimension			mm	895 x 307 x 235
Net Weight			kg	12.5
ACCESSORIES & OTHERS				H12S1P.NS1
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Deluxe	-	-	○● H09S1D.NS1	○● H12S1D.NS1	-	○● H18S1D.NS1	○● H24S1D.NS1

● Multi Only ○● Compatible with Residential Single Split ○● Compatible with Commercial Single Split

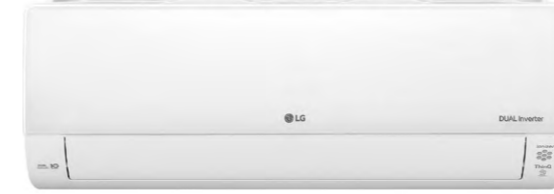
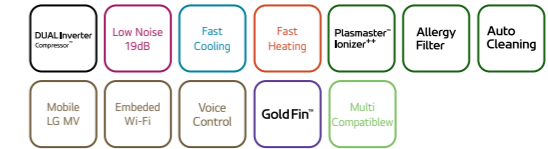
Multi Combination

INDOOR				H09S1D.NS1	H12S1D.NS1
Capacity	Cooling	Rated	W	2,500	3,500
	Heating	Rated	W	3,200	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 31 / 35	19 / 27 / 33 / 37
	Heating	L / M / H	dB(A)	27 / 31 / 35	27 / 33 / 37
Sound Power	Cooling	Power	dB(A)	56	56
		S / L / M / H	m³/min	2.0 / 5.7 / 6.9 / 8.1	2.0 / 5.7 / 7.4 / 9.1
Air Flow Rate	Cooling	Max. (Power)	m³/min	11.2	11.2
	Heating	L / M / H	m³/min	5.7 / 6.9 / 8.1	5.7 / 7.4 / 9.1
Dehumidification Rate			l/h	1.1	1.3
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75
Dimension			mm	895 x 307 x 235	895 x 307 x 235
Net Weight			kg	11.0	11.0
ACCESSORIES & OTHERS				H09S1D.NS1	H12S1D.NS1
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

INDOOR				H18S1D.NS1	H24S1D.NS1
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	29 / 34 / 41 / 45	29 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	34 / 41 / 45	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	60	65
		S / L / M / H	m³/min	- / 8.1 / 9.7 / 11.3	- / 8.1 / 9.9 / 11.7
Air Flow Rate	Cooling	Max. (Power)	m³/min	13.6	14.8
	Heating	L / M / H	m³/min	8.1 / 9.7 / 11.3	8.1 / 11.1 / 13.6
Dehumidification Rate			l/h	1.8	2.5
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75
Dimension			mm	895 x 307 x 235	895 x 307 x 235
Net Weight			kg	12.5	12.5
ACCESSORIES & OTHERS				H18S1D.NS1	H24S1D.NS1
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

Preliminary Data Only

* : Sound Pressure is not a value declared on Eurovent Program.
 ※ This product contains Fluorinated greenhouse gases (R32).
 ※ S : Sleep / L : Low / M : Medium / H : High
 ※ GWP : Global warming potential
 ※ t-CO₂eq : F-gas(kg)*GWP/1000
 ※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
 ※ Y : Available or Applied / - : Not Available or Not Applied



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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Special DC1	-	● DM07RK.NSJ	○● DC09RK.NSJ	○● DC12RK.NSJ	-	○● DC18RK.NSK	○● DC24RK.NSK

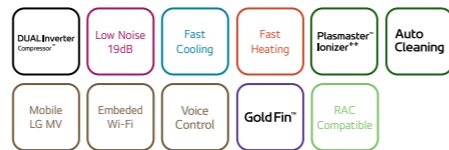
● Multi Only ○● Compatible with Residential Single Split ○● Compatible with Commercial Single Split

Multi Combination

INDOOR				DM07RK.NSJ	DC09RK.NSJ	DC12RK.NSJ
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	3,200	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 31 / 36	19 / 27 / 32 / 36	19 / 29 / 34 / 38
	Heating	L / M / H	dB(A)	27 / 31 / 36	27 / 32 / 36	29 / 34 / 39
Sound Power	Cooling	Power	dB(A)	56	56	56
		S / L / M / H	m³/min	3.5 / 5.0 / 6.1 / 7.4	3.5 / 5.0 / 6.4 / 7.7	3.5 / 5.3 / 6.7 / 8.1
Air Flow Rate	Cooling	Max. (Power)	m³/min	10.1	10.1	10.1
	Heating	L / M / H	m³/min	5.0 / 6.1 / 7.4	5.0 / 6.4 / 7.7	5.3 / 6.7 / 8.1
Dehumidification Rate			l/h	0.9	1.1	1.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189
Net Weight			kg	9.1	9.1	9.1
ACCESSORIES & OTHERS				DM07RK.NSJ	DC09RK.NSJ	DC12RK.NSJ
Wall Type Single Split Compatible				-	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

INDOOR				DC18RK.NSK	DC24RK.NSK
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	31 / 34 / 42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	60	64
		S / L / M / H	m³/min	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
Air Flow Rate	Cooling	Max. (Power)	m³/min	16.8	18.3
	Heating	L / M / H	m³/min	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.9	2.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	11.9	12.7
ACCESSORIES & OTHERS				DC18RK.NSK	DC24RK.NSK
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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 ※ S : Sleep / L : Low / M : Medium / H : High
 ※ GWP : Global warming potential
 ※ t-CO₂eq : F-gas(kg)*GWP/1000
 ※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0

Special DC2	-	-	○● DC09RT.NSJ	○● DC12RT.NSJ	-	-	-
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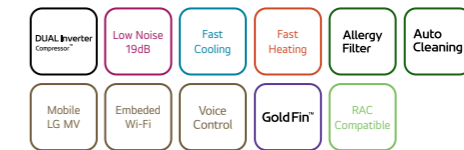
● Multi Only ○● Compatible with Residential Single Split ○● Compatible with Commercial Single Split

Multi Combination

INDOOR				DC09RT.NSJ
Capacity	Cooling	Rated	W	2,500
	Heating	Rated	W	3,300
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 41
	Heating	L / M / H	dB(A)	27 / 35 / 41
Sound Power	Cooling	Power	dB(A)	59
		S / L / M / H	m³/min	3.0 / 4.2 / 7.5 / 10.0
Air Flow Rate	Cooling	Max. (Power)	m³/min	12.5
	Heating	L / M / H	m³/min	5.6 / 7.2 / 10.0
Dehumidification Rate			l/h	1.1
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			N x mm²	3C x 1.0
Dimension			mm	837 x 308 x 189
Net Weight			kg	9.1
ACCESSORIES & OTHERS				DC09RT.NSJ
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

INDOOR				DC12RT.NSJ
Capacity	Cooling	Rated	W	3,500
	Heating	Rated	W	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 41
	Heating	L / M / H	dB(A)	27 / 35 / 41
Sound Power	Cooling	Power	dB(A)	59
		S / L / M / H	m³/min	3.0 / 4.2 / 7.5 / 10.0
Air Flow Rate	Cooling	Max. (Power)	m³/min	12.5
	Heating	L / M / H	m³/min	5.6 / 7.2 / 10.0
Dehumidification Rate			l/h	1.3
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			N x mm²	3C x 1.0
Dimension			mm	837 x 308 x 189
Net Weight			kg	9.1
ACCESSORIES & OTHERS				DC12RT.NSJ
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

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 ※ This product contains Fluorinated greenhouse gases (R32).
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 ※ GWP : Global warming potential
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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0

Special PC	● PM05SK.NSA	● PM07SK.NSA	○● PC09SK.NSJ	● PM15SK.NSJ	○● PC18SK.NSK	○● PC18SK.NSK	○● PC24SK.NSK
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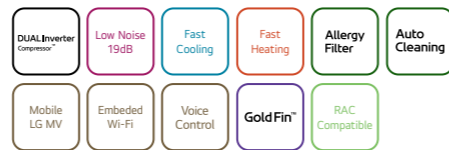
● Multi Only ○● Compatible with Residential Single Split ○● Compatible with Commercial Single Split

Multi Combination

INDOOR				PM05SK.NSA	PM07SK.NSA	PC09SK.NSJ	PC12SK.NSJ	PM15SK.NSJ
Capacity	Cooling	Rated	W	1,500	2,100	2,500	3,500	4,200
	Heating	Rated	W	1,600	2,300	3,200	3,800	5,400
Sound Pressure*	Cooling	S / L / M / H	dB(A)	22 / 27 / 31 / 36	22 / 27 / 32 / 37	19 / 26 / 33 / 38	19 / 26 / 35 / 39	19 / 28 / 38 / 41
	Heating	L / M / H	dB(A)	25 / 29 / 35	25 / 31 / 37	26 / 33 / 38	26 / 35 / 39	28 / 38 / 41
Sound Power	Cooling	Power	dB(A)	57	57	57	57	57
		S / L / M / H	m³/min	2.0 / 3.5 / 5.0 / 6.3	2.0 / 3.5 / 5.3 / 6.6	3.0 / 5.0 / 7.6 / 9.1	3.0 / 5.0 / 8.1 / 9.6	3.0 / 5.4 / 8.6 / 10.0
Air Flow Rate	Cooling	Max. (Power)	m³/min	11.1	11.1	11.1	11.1	11.1
	Heating	L / M / H	m³/min	4.5 / 5.3 / 6.8	4.5 / 5.7 / 7.2	5.0 / 7.6 / 9.1	5.0 / 8.1 / 9.6	5.4 / 8.6 / 10.0
Dehumidification Rate			l/h	0.9	0.9	1.1	1.2	1.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	754 x 308 x 189	754 x 308 x 189	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189
Net Weight			kg	7.8	7.8	8.7	8.7	8.7
ACCESSORIES & OTHERS				PM05SK.NSA	PM07SK.NSA	PC09SK.NSJ	PC12SK.NSJ	PM15SK.NSJ
Wall Type Single Split Compatible				-	-	Y	Y	-
Commercial Single Split Compatible				-	-	-	-	-
Dry Contact				Y	Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y	Y	Y

INDOOR				PC18SK.NSK	PC24SK.NSK
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	31 / 34 / 42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	59	65
		S / L / M / H	m³/min	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
Air Flow Rate	Cooling	Max. (Power)	m³/min	16.8	18.3
	Heating	L / M / H	m³/min	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.9	2.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	11.9	12.7
ACCESSORIES & OTHERS				PC18SK.NSK	PC24SK.NSK
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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 ※ This product contains Fluorinated greenhouse gases (R32).
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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Special MJ	● MJ05PC.NSJ	● MJ07PC.NSJ	○ MJ09PC.NSJ	○ MJ12PC.NSJ	● MJ15PC.NSJ	○ MJ18PC.NSK	○ MJ24PC.NSK

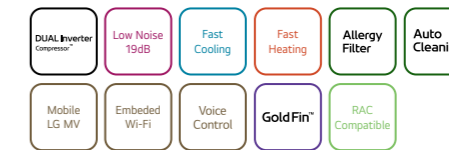
● Multi Only ○● Compatible with Residential Single Split ○○ Compatible with Commercial Single Split

Multi Combination

INDOOR				MJ05PC.NSJ	MJ07PC.NSJ	MJ09PC.NSJ	MJ12PC.NSJ	MJ15PC.NSJ
Capacity	Cooling	Rated	W	1,500	2,100	2,500	3,500	4,200
	Heating	Rated	W	1,600	2,300	3,200	3,800	5,400
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 30 / 35	19 / 27 / 31 / 36	19 / 27 / 32 / 36	19 / 29 / 34 / 38	19 / 29 / 35 / 40
	Heating	L / M / H	dB(A)	27 / 30 / 35	27 / 31 / 36	27 / 32 / 36	29 / 34 / 38	29 / 35 / 40
Sound Power	Cooling	Power	dB(A)	57	57	57	57	57
	Heating	S / L / M / H	m ³ /min	3.5 / 5.0 / 5.8 / 7.1	3.5 / 5.0 / 6.1 / 7.4	3.5 / 5.0 / 6.4 / 7.7	3.5 / 5.3 / 6.7 / 8.1	3.5 / 5.4 / 7.0 / 8.7
Air Flow Rate	Cooling	Max. (Power)	m ³ /min	10.1	10.1	10.1	10.1	10.1
	Heating	L / M / H	m ³ /min	5.0 / 5.8 / 7.1	5.0 / 6.1 / 7.4	5.0 / 6.4 / 7.7	5.3 / 6.7 / 8.1	5.4 / 7.0 / 8.7
Dehumidification Rate			l/h	0.9	0.9	1.1	1.2	1.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189
Net Weight			kg	8.7	8.7	8.7	8.7	8.7
ACCESSORIES & OTHERS				MJ05PC.NSJ	MJ07PC.NSJ	MJ09PC.NSJ	MJ12PC.NSJ	MJ15PC.NSJ
Wall Type Single Split Compatible				-	-	-	-	-
Commercial Single Split Compatible				-	-	Y	Y	-
Dry Contact				Y	Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y	Y	Y

INDOOR				MJ18PC.NSK	MJ24PC.NSK
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	31 / 34 / 42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	59	65
	Heating	S / L / M / H	m ³ /min	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
Air Flow Rate	Cooling	Max. (Power)	m ³ /min	16.8	18.3
	Heating	L / M / H	m ³ /min	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.9	2.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	12.0	12.0
ACCESSORIES & OTHERS				MJ18PC.NSK	MJ24PC.NSK
Wall Type Single Split Compatible				-	-
Commercial Single Split Compatible				Y	Y
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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 ※ This product contains Fluorinated greenhouse gases (R32).
 ※ S : Sleep / L : Low / M : Medium / H : High
 ※ GWP : Global warming potential
 ※ t-CO₂eq : F-gas(kg)*GWP/1000
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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Special ET	-	● MS07ET.NSA	○● S09ET.NSJ	○● S12ET.NSJ	-	○● S18ET.NSK	○● S24ET.NSK

● Multi Only ○● Compatible with Residential Single Split ○○ Compatible with Commercial Single Split

Multi Combination

INDOOR				MS07ET.NSA	S09ET.NSJ	S12ET.NSJ
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	3,200	3,800
Sound Pressure*	Cooling	S / L / M / H	dB(A)	22 / 27 / 32 / 37	19 / 26 / 33 / 38	19 / 26 / 35 / 39
	Heating	L / M / H	dB(A)	25 / 31 / 37	26 / 33 / 38	26 / 35 / 39
Sound Power	Cooling	Power	dB(A)	57	57	57
	Heating	S / L / M / H	m ³ /min	2.0 / 3.5 / 5.3 / 6.6	3.0 / 5.0 / 7.6 / 9.1	3.0 / 5.0 / 8.1 / 9.6
Air Flow Rate	Cooling	Max. (Power)	m ³ /min	10.5	11.1	11.1
	Heating	L / M / H	m ³ /min	4.5 / 5.7 / 7.2	5.0 / 7.6 / 9.1	5.0 / 8.1 / 9.6
Dehumidification Rate			l/h	0.6	1.1	1.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	754 x 308 x 189	837 x 308 x 189	837 x 308 x 189
Net Weight			kg	7.8	8.7	8.7
ACCESSORIES & OTHERS				MS07ET.NSA	S09ET.NSJ	S12ET.NSJ
Wall Type Single Split Compatible				-	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

INDOOR				S18ET.NSK	S24ET.NSK
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	31 / 34 / 42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	59	65
	Heating	S / L / M / H	m ³ /min	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
Air Flow Rate	Cooling	Max. (Power)	m ³ /min	16.8	18.3
	Heating	L / M / H	m ³ /min	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.9	2.6
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	11.9	12.7
ACCESSORIES & OTHERS				S18ET.NSK	S24ET.NSK
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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 ※ This product contains Fluorinated greenhouse gases (R32).
 ※ S : Sleep / L : Low / M : Medium / H : High
 ※ GWP : Global warming potential
 ※ t-CO₂eq : F-gas(kg)*GWP/1000
 ※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
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Enjoy A New Level Of Fresh Air

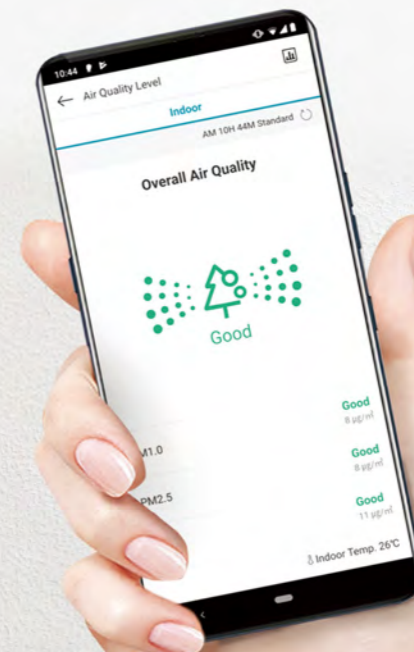
Air Purification Kit with 1 Way CST



Cooling + Heating + Air Purification
Comfort 365 Days

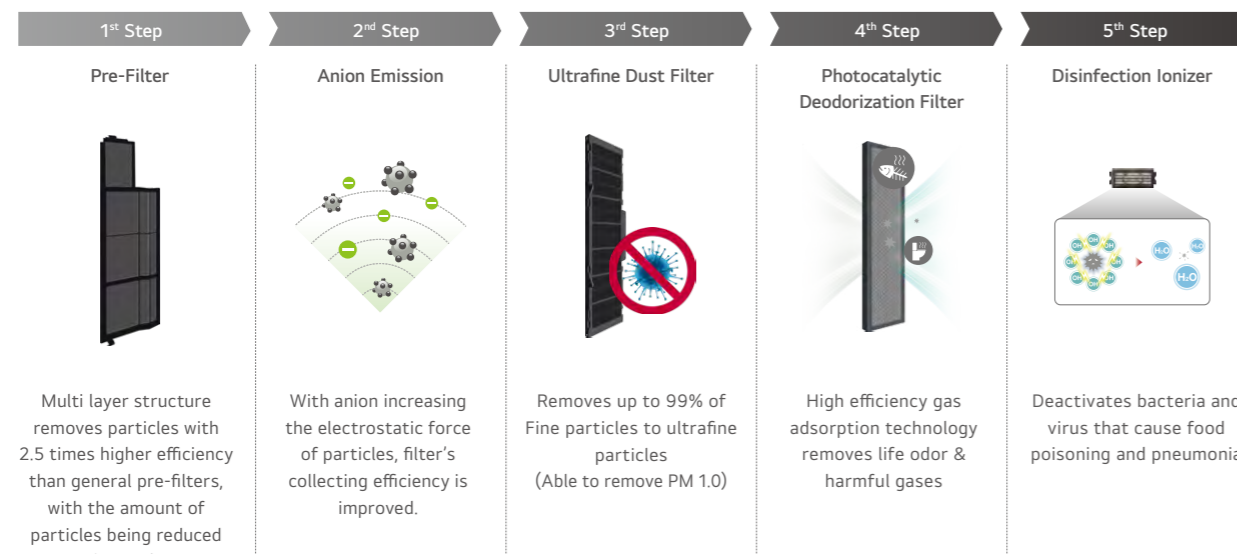
Removes Ultrafine Dust
Electrical Diffusion, PM 1.0 & Deodorization Filter and Ionizer

Real-time Control & Monitoring
Smart Indicator Remote Controller Smart Phone (ThinQ App)



Air Conditioner and Air Purifier in One

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



Convenient Monitoring

Smart Indicator	Remote Controller	Smart Phone
Shows quality of Indoor air in real time <p>* Color display by dust density</p>	Displays air status and fine dust concentration 	Control air status can be checked whenever & wherever. <p>* Wi-Fi Module is an Option</p>

Certificate of Removal Performance

[Verification for Ultrafine Dust Removal]
[Verification for Culturable Bacteria and Virus Removal]



- [1 Way CST]
- Virus (Bacteriophage Phi-X174): 95.3% removed within 30 minutes
 - Bacteria (Staphylococcus): 91.2% removed within 60 minutes
 - Ultrafine dust removal (50 nm, 100 nm): 99.9% removed

Human Detection for Your Comfort and Energy Saving

Human detection function identifies presence of people in order to provide pleasant airflow & energy saving.

Comfort Indirect

Prevent airflow from heading to a user by sensing.



- Available only for CT24F NB0 Model.
- Available only for products with Human Detecting sensor.

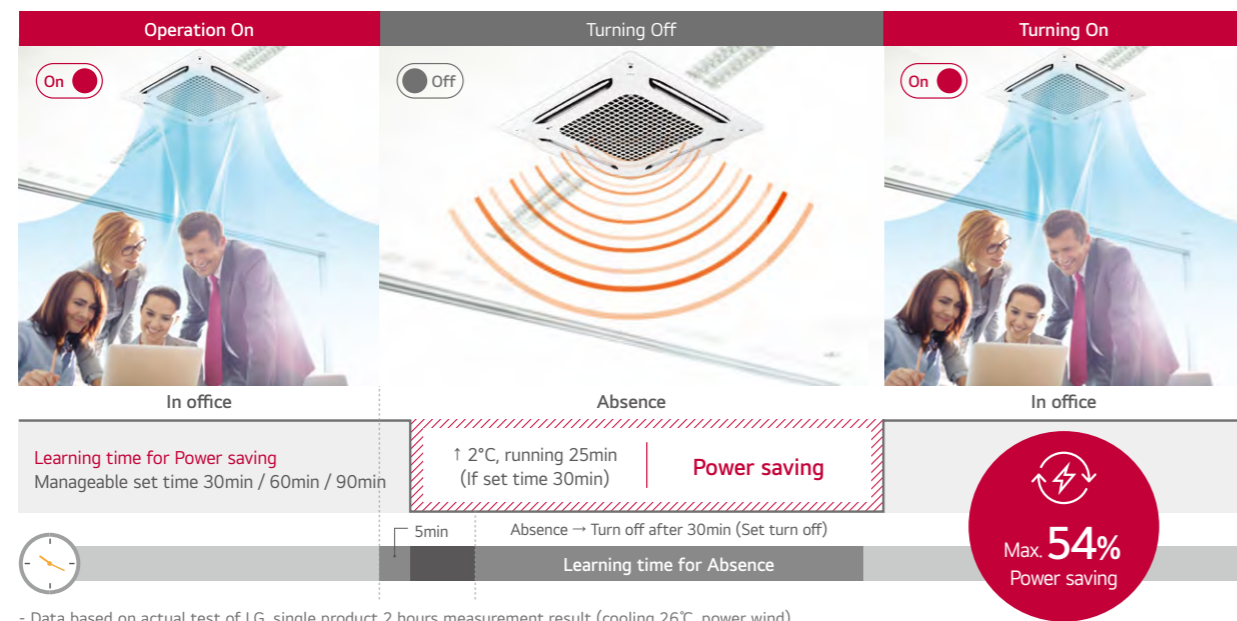
Follow User Direct

Head air flow to a user by sensing.



Sensor Detection for Energy Saving

The sensor detects the absence of occupants and stops / activates operation, saving 54% of energy.



- Data based on actual test of LG, single product 2 hours measurement result (cooling 26°C, power wind)

Human Detecting Process

Step 1

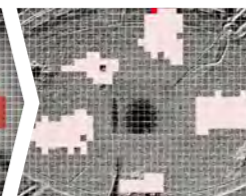
Select candidates to be recognized as a human body based on motion detection.



Inputting Image



Detecting Motion



Selecting Human Body Candidates



Human Body Sorter



Final detected Human Body Candidates

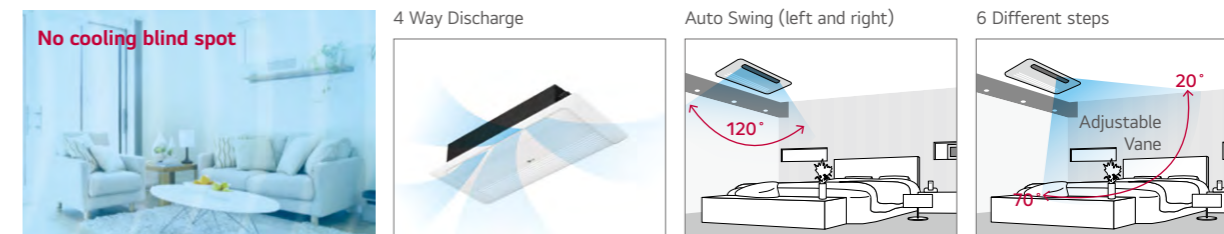
※ Images are not saved.

Comfort Air

Two vane angles can be controlled in 6 steps from 20° to 70°, depending on the indoor environment and personal preference.

Automatic 4 Way Wind Direction

The wind is discharged evenly up, down, left, and right automatically, so there is no cooling blind spot.



Direct & Indirect Wind

1 Way Cassette



Comfort indirect wind
Without blowing directly at people in the room, the space is comfortable!



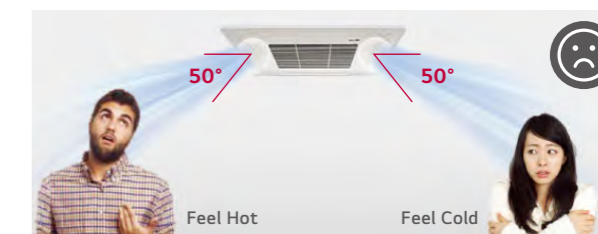
Cool direct wind
Cooler on a hot day.

Independent Vane Operation

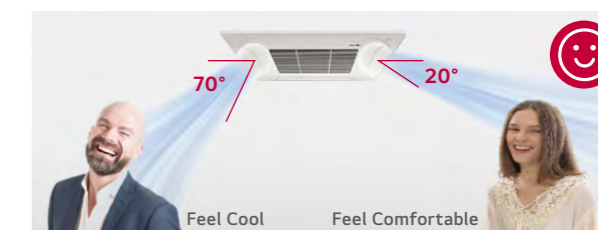
The independent vane operation function uses separate motors, making it possible to control all four vanes independently.



Individual vane control



Swirl swing

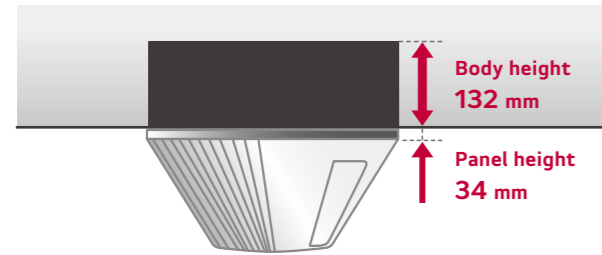


Feel Cool | Feel Comfortable

Compact Size of Indoor Unit

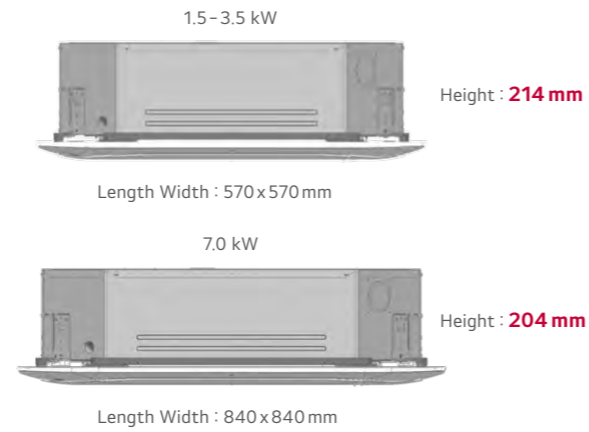
LG 1 Way Cassette

Slim & compact design not only saves space, but also reduces installation costs. **The height of 1 Way Cassette is 132 mm, making it the ideal solution for installation in limited space.**



LG 4 Way Cassette

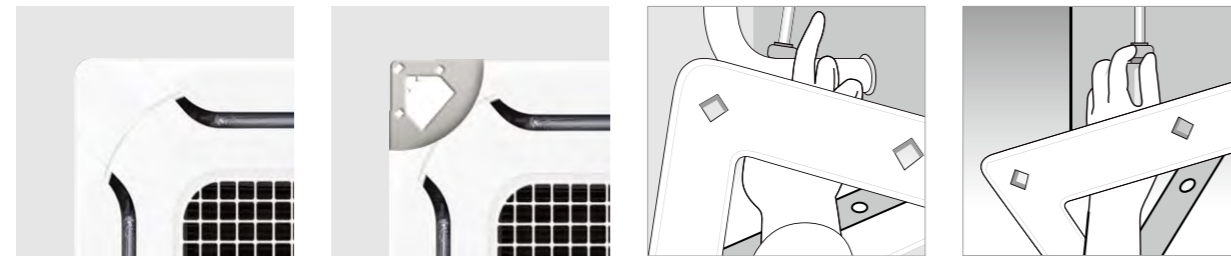
Slim & compact design not only saves space, but also improves workability. It's designed to suit most of building designs and fit into various spaces.



Convenient Panel Installation

The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain connection pipe. And it is easy to install the panel to the body, using the button type panel design.

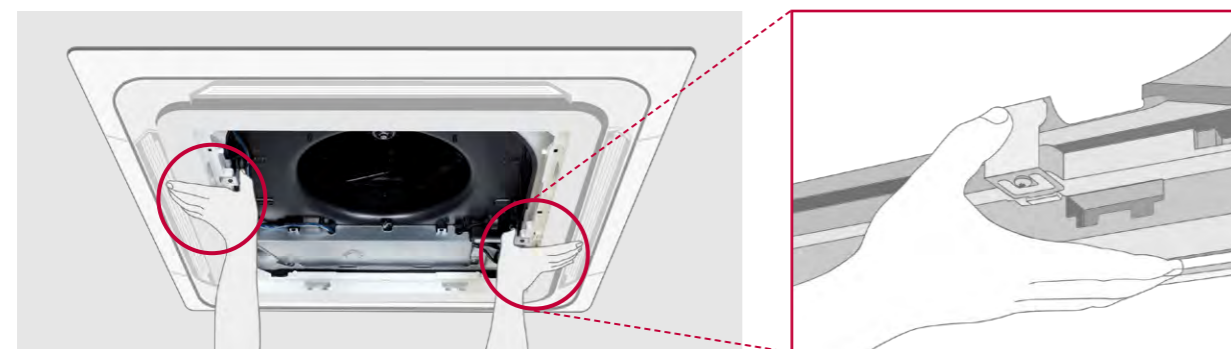
Detachable Corner Design



Drain Leakage Check

Hanger adjust

One Push Panel

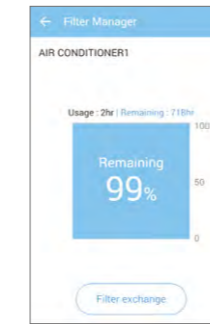


Filter Maintenance & Sign

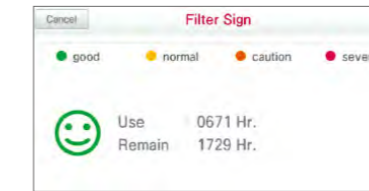
1 Way Cassette notifies the user of the time of cleaning not only by the remote controller or mobile application, but also by the LED display on the cassette. It makes the filter management easy and the indoor environment can be kept clean.

Filter Sign

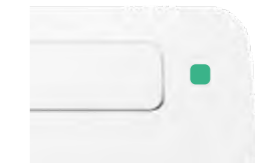
Mobile Application*



Wired Remote Controller



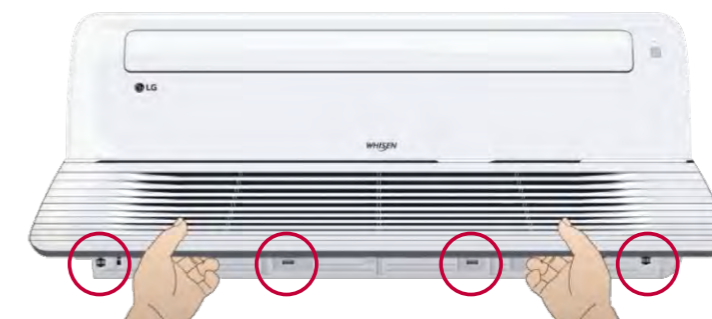
Indicator Color



DESCRIPTION	LAMP COLOR
Cooling mode	Green
Heating mode	Green
Time to clean filter in cooling/heating Mode	Yellowish Green
Time to clean filter when product is not operating	Orange
Hot start or defrost mode before starting heating mode	Green
When reservation set on	Yellowish Green

One Touch Magnetic

The 1 Way cassette is easily maintained when filter change or cleaning by one touch magnetic are needed.



Convenient Remote Controller for Ceiling Mounted Cassette and Ceiling Concealed Duct

Standard III remote controller offers 4.3 inch LCD screen with luxurious design which well-matches interior design through simple button layout.



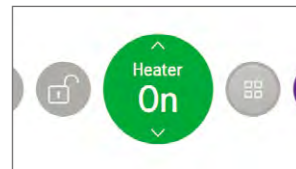
Standard III Remote Controller

Humidity Display



External Equipment Control

A user can turn on or off the external equipment through 1 Digital Output port



User Friendly Design

Intuitive GUI design using circle theme



Note : Some function may not work in some products

Multi Language Support

English, French, German, Spanish, Italian Portuguese, Polish, Czech, Russian, Chinese

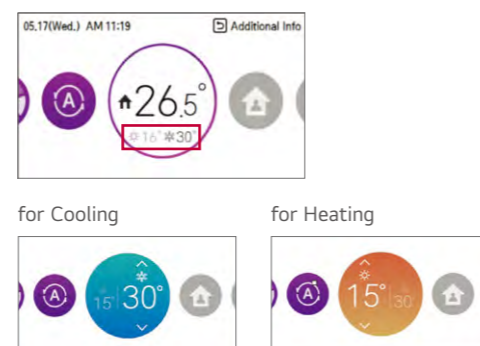
Optimized Schedule

Easy scheduling from daily to yearly



2 Set Point

Room temperature is decided by setting 2 set point for cooling and heating



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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
1 Way Cassette	-	-	● MT09R.NU1	● MT11R.NU1	-	-	-

● Multi Only ○● Compatible with Residential Single Split ○● Compatible with Commercial Single Split

1 Way Cassette

INDOOR			MT09R.NU1	MT11R.NU1
Capacity	Cooling / Heating	Nom. kW	2.6 / 2.9	3.5 / 3.9
Power Input		Nom. W	20	20
Running Current		Nom. A	0.2	0.2
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L m ³ /min	7.5 / 7.3 / 6.8	8.1 / 7.4 / 7.0
Sound Pressure*	Cooling	H / M / L dB(A)	36 / 34 / 32	37 / 36 / 33
Sound Power	Cooling	Max. dB(A)	54	57
Dehumidification Rate		l/h	1.1	1.2
Dimensions	Body	W x H x D mm	860 x 132 x 450	860 x 132 x 450
Net Weight	Body	kg	13.5	13.5
Piping Connection	Liquid	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
Decoration Panel	Model		PT-UAHW0 / PT-UAHG0 / PT-UPHG0	PT-UAHW0 / PT-UAHG0 / PT-UPHG0
ACCESSORIES & OTHERS			MT09R.NU1	MT11R.NU1
Commercial Single Split Compatible			-	-
Dual Vane Cassette Panel			-	-
Air Purification Kit			Y	Y
Dry Contact			Y	Y
Wireless or Wired Remote Controller			Y	Y
ThinQ (Wi-Fi)			Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
 ※ This product contains Fluorinated greenhouse gases (R32).
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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
4 Way Cassette	● MT06R.NR0	● MT08R.NR0	○ CT09F.NR0	○ CT12F.NR0	-	○ CT18F.NQ0	○ CT24F.NB0

● Multi Only ○● Compatible with Residential Single Split ○○ Compatible with Commercial Single Split

4 Way Cassette

INDOOR				MT06R.NR0	MT08R.NR0	CT09F.NR0
Capacity	Cooling / Heating	Nom.	kW	1.5 / 1.6	2.1 / 2.3	2.6 / 2.9
Power Input		Nom.	W	20	20	22
Running Current		Nom.	A	0.40	0.40	0.40
Power Supply		∅ / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	7.5 / 6.0 / 5.0	7.5 / 6.0 / 5.0	8.5 / 7.0 / 6.0
Sound Pressure*	Cooling	H / M / L	dB(A)	31 / 27 / 24	31 / 27 / 24	36 / 33 / 30
Sound Power	Cooling	Max.	dB(A)	48	48	52
Dehumidification Rate			l/h	-	-	0.9
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570
Net Weight	Body		kg	11.7	11.7	12.4
Piping Connection	Liquid		mm (inch)	∅6.35 (1/4)	∅6.35 (1/4)	∅6.35 (1/4)
	Gas		mm (inch)	∅9.52 (3/8)	∅9.52 (3/8)	∅9.52 (3/8)
Decoration Panel	Model			PT-QAGW0	PT-QAGW0	PT-QAGW0
	Color			Morning Fog (9001)	Morning Fog (9001)	White (9003)
	Dimensions	W x H x D	mm	620 x 34 x 620	620 x 34 x 620	620 x 35 x 620
	Weight		kg	3	3	2.9

ACCESSORIES & OTHERS		MT06R.NR0	MT08R.NR0	CT09F.NR0
Commercial Single Split Compatible		-	-	Y
Dual Vane Cassette Panel		-	-	-
Air Purification Kit		-	-	-
Dry Contact		Y	Y	Y
Wireless or Wired Remote Controller		Y	Y	Y
ThinQ (Wi-Fi)		Y	Y	Y

INDOOR				CT12F.NR0	CT18F.NQ0	CT24F.NB0
Capacity	Cooling / Heating	Nom.	kW	3.5 / 3.9	5.3 / 5.8	6.7 / 7.5
Power Input		Nom.	W	24	26	26
Running Current		Nom.	A	0.40	0.40	0.60
Power Supply		∅ / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0
Sound Pressure*	Cooling	H / M / L	dB(A)	38 / 35 / 32	41 / 39 / 39	38 / 36 / 34
Sound Power	Cooling	Max.	dB(A)	52	57	53
Dehumidification Rate			l/h	1.4	2.0	2.7
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840
Net Weight	Body		kg	12.4	13.9	21.1
Piping Connection	Liquid		mm (inch)	∅6.35 (1/4)	∅6.35 (1/4)	∅6.35 (1/4)
	Gas		mm (inch)	∅9.52 (3/8)	∅12.7 (1/2)	∅12.7 (1/2)
Decoration Panel	Model			PT-QAGW0	PT-QAGW0	PT-AAGW0
	Color			White (9003)	White (9003)	White (9003)
	Dimensions	W x H x D	mm	620 x 35 x 620	620 x 35 x 620	950 x 35 x 950
	Weight		kg	2.9	2.9	7.1

ACCESSORIES & OTHERS		CT12F.NR0	CT18F.NQ0	CT24F.NB0
Commercial Single Split Compatible		Y	Y	Y
Dual Vane Cassette Panel		-	-	Y
Air Purification Kit		-	-	Y
Dry Contact		Y	Y	Y
Wireless or Wired Remote Controller		Y	Y	Y
ThinQ (Wi-Fi)		Y	Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
 ※ Dual vane is applied to 24k
 ※ This product contains Fluorinated greenhouse gases (R32).
 ※ For our policy of continuous product improvement, specification, design and features are subject to change without prior notice.
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Compact Size of Indoor Unit

Slim & Compact design of low-static ducts being easy to carry, it makes it an ideal solution for installation in a limited space, saving labor cost for installation and maintenance.



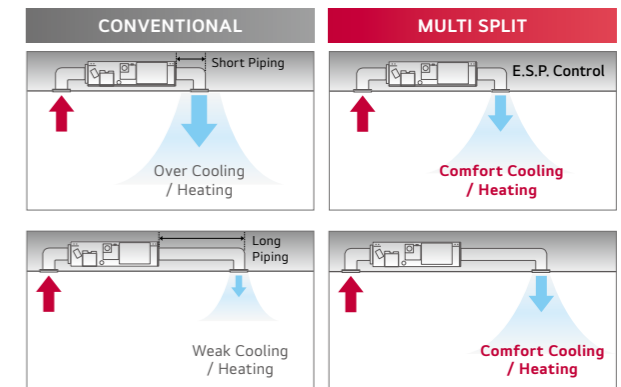
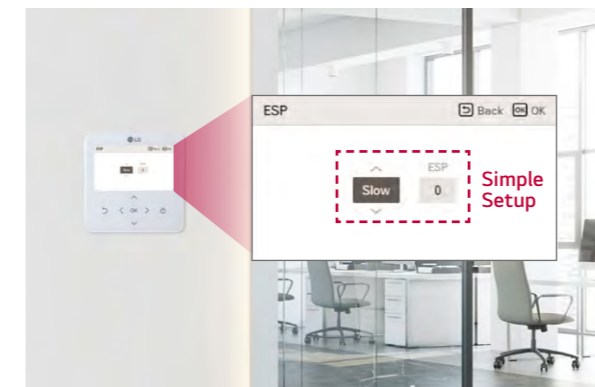
COOLING CAPA. (kW)	BODY (W x H x D, mm)	WEIGHT (kg)
2.5	900 x 190 x 460	18.0
3.5	900 x 190 x 460	18.0
5.0	1,100 x 190 x 460	20.9
7.0	1,100 x 190 x 700	26.0

* Based on low pressure duct

E.S.P. (External Static Pressure) Control

E.S.P. control function enables to control air volume easily with a remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure.

Set RPM by simple touch on remote control to change the airflow.

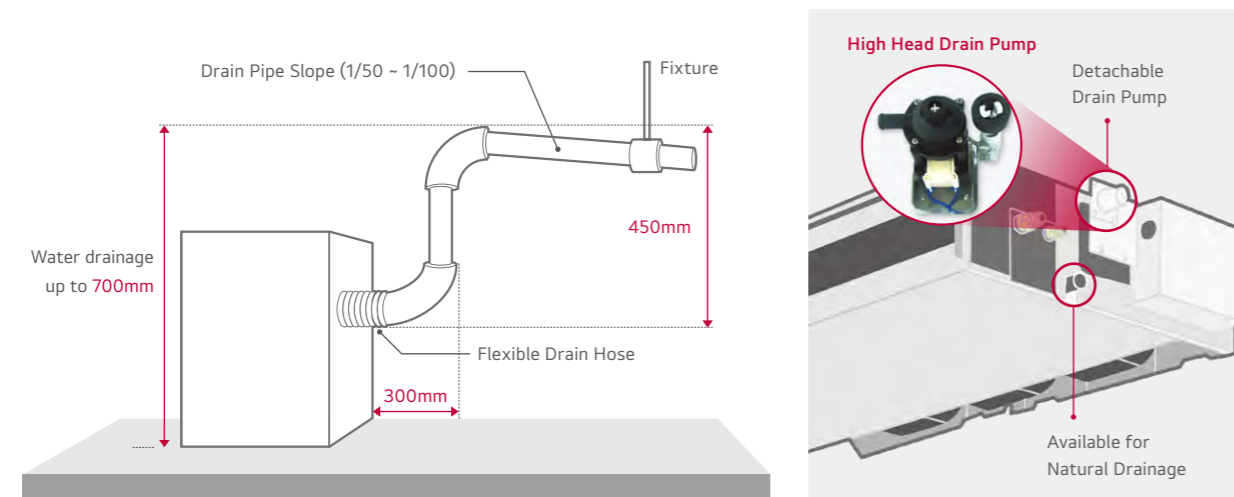


※ ESP Setting guide (Wired Remote Controller) :
 - Standard III (PREMTB101/B11) : Menu → Setting → Installer → ESP setting
 - Standard II (PREMTB001/B01) : Button click → 03 : XX → ESP setting

※ Wired remote controller is necessary.

High Head Drain Pump

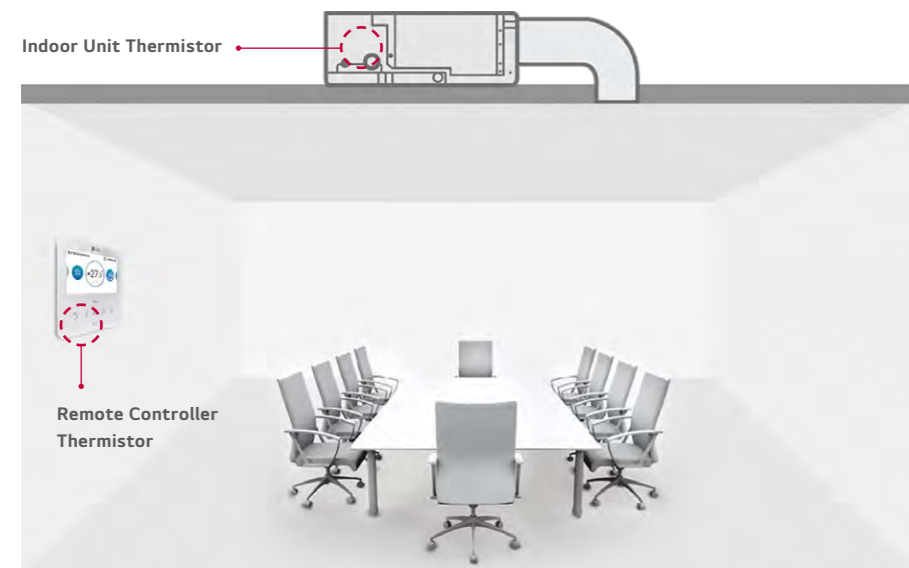
High head drain pump automatically drains water up to 700mm of drain-head height. It provides a perfect solution for water drainage.



※ Mid-static duct: Accessory (ABDPG) / Low-static duct: Included

Two Thermistors Control

The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. Two thermistors check indoor air temperature and select the optimal temperature for a more comfortable environment.



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



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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Mid / High Static Pressure						◎◎ CM18F.N10	◎◎ CM24F.N10

● Multi Only ○● Compatible with Residential Single Split ◎◎ Compatible with Commercial Single Split

Duct (Mid Static)

INDOOR				CM18F.N10	CM24F.N10
Capacity	Cooling / Heating	Nom.	kW	5.3 / 5.8	7.0 / 7.7
Power Input		H / M / L	W	150 / 130 / 110	180 / 150 / 130
Running Current		H / M / L	A	0.85 / 0.76 / 0.67	0.98 / 0.85 / 0.76
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.5
Sound Pressure*		H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32
Sound Power Level		Rated	dB(A)	59	60
Dehumidification Rate			l/h	1.5	2.5
Dimensions		W x H x D	mm	900 x 270 x 700	900 x 270 x 700
Net Weight			kg	24.6	24.6
Piping	Liquid Side		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)
Connections	Gas Side		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)
External static pressure	Min. - Max.		Pa (mmAq)	58.8 (6)	58.8 (6)
ACCESSORIES & OTHERS				CM18F.N10	CM24F.N10
Commercial Single Split Compatible				Y	Y
Dual Vane Cassette Panel				-	-
Air Purification Kit (UVnano Filter Box)				Y	Y
Dry Contact				Y	Y
Wireless or Wired Remote Controller				Y	Y
ThinQ (Wi-Fi)				Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Low Static Pressure	-	-	○● CL09F.N50	○● CL12F.N50	-	○● CL18F.N60	-

● Multi Only ○● Compatible with Residential Single Split ○● Compatible with Commercial Single Split

Duct (Low Static)

INDOOR				CL09F.N50	CL12F.N50	CL18F.N60
Capacity	Cooling / Heating	Nom.	kW	2.5 / 3.2	3.4 / 4.0	5.0 / 5.8
Power Input	H / M / L	W		21 / 15 / 13	21 / 15 / 13	100 / 90 / 80
Running Current	H / M / L	A		0.21 / 0.16 / 0.14	0.21 / 0.16 / 0.14	0.43 / 0.39 / 0.34
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate	H / M / L	m ³ /min		11.5 / 9.5 / 8.0	11.5 / 9.5 / 8.0	15.0 / 12.0 / 10.0
Sound Pressure*	H / M / L	dB(A)		35 / 30 / 27	35 / 30 / 27	34 / 31 / 29
Sound Power Level	Rated	dB(A)		55	55	56
Dehumidification Rate		l/h		0.5	0.9	1.7
Dimensions	W x H x D	mm		900 x 190 x 460	900 x 190 x 460	1,100 x 190 x 460
Net Weight		kg		18.0	18.0	20.9
Piping Connections	Liquid Side	mm (inch)		Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side	mm (inch)		Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
External static pressure	Min. - Max.	Pa (mmAq)		0 - 5 (0 - 50)	0 - 5 (0 - 50)	0 - 5 (0 - 50)
ACCESSORIES & OTHERS				CL09F.N50	CL12F.N50	CL18F.N60
Commercial Single Split Compatible				Y	Y	Y
Dual Vane Cassette Panel				-	-	-
Air Purification Kit (UVnano Filter Box)				Y	Y	Y
Dry Contact				Y	Y	Y
Wireless or Wired Remote Controller				Y	Y	Y
ThinQ (Wi-Fi)				Y	Y	Y

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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Low Static Pressure	-	-	-	-	-	-	○● CL24F.N30

● Multi Only ○● Compatible with Residential Single Split ○● Compatible with Commercial Single Split

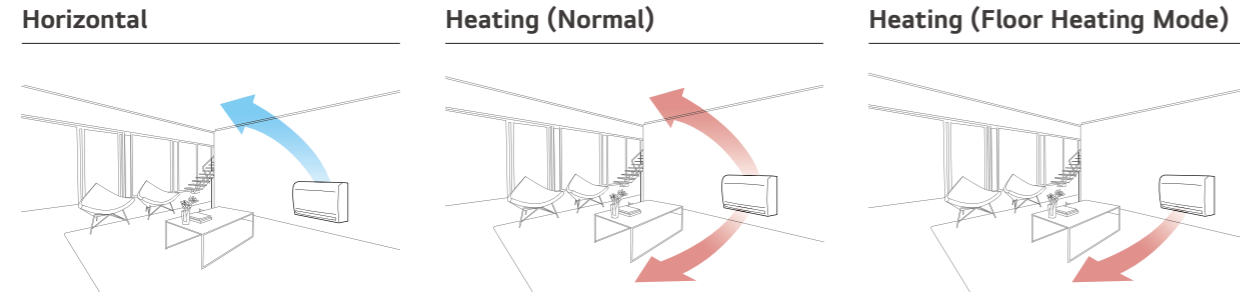
Duct (Low Static)

INDOOR				CL24F.N30
Capacity	Cooling / Heating	Nom.	kW	6.8 / 7.5
Power Input	H / M / L	W		150 / 130 / 110
Running Current	H / M / L	A		0.65 / 0.56 / 0.47
Power Supply		Ø / V / Hz		1 / 220-240 / 50
Air Flow Rate	H / M / L	m ³ /min		20.0 / 16.0 / 12.0
Sound Pressure*	H / M / L	dB(A)		39 / 35 / 32
Sound Power Level	Rated	dB(A)		58
Dehumidification Rate		l/h		2.5
Dimensions	W x H x D	mm		1,100 x 190 x 700
Net Weight		kg		26.0
Piping Connections	Liquid Side	mm (inch)		Ø9.52 (3/8)
	Gas Side	mm (inch)		Ø15.88 (5/8)
External static pressure	Min. - Max.	Pa (mmAq)		0 - 5 (0 - 50)
ACCESSORIES & OTHERS				CL24F.N30
Commercial Single Split Compatible				Y
Dual Vane Cassette Panel				-
Air Purification Kit (UVnano Filter Box)				Y
Dry Contact				Y
Wireless or Wired Remote Controller				Y
ThinQ (Wi-Fi)				Y

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Optimized Air Flow for Cooling & Heating

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



Quick Floor Heating

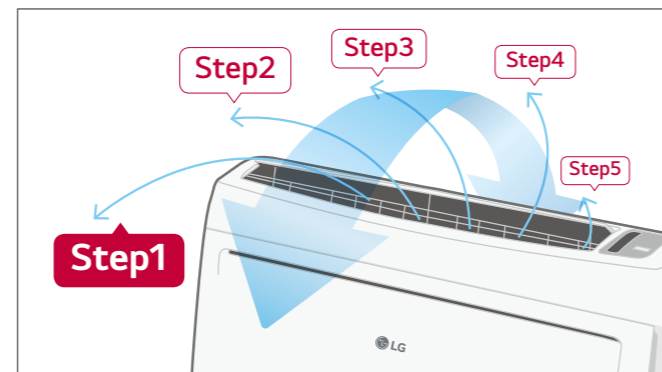
Console air conditioners offer a fast and powerful performance. Using the floor heating mode, console air conditioners provide faster floor heating and help to reach the desired temperature quickly.

		Company A	Electric Heater	LG	LG Floor Heating Mode
	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 air flow direction.



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CAPACITY (kW)	2.6	3.5	5.3
Console	UQ09F.NA0	UQ12F.NA0	UQ18F.NA0

Console R32, R410A

INDOOR				UQ09F.NA0	UQ12F.NA0	UQ18F.NA0
Capacity	Cooling / Heating	Nom.	kW	2.6 / 3.1	3.5 / 4.0	5.0 / 4.9
Power Input		Nom.	W	30	30	39
Running Current		Nom.	A	0.5	0.5	0.5
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	8.5 / 6.7 / 5.0	9.0 / 6.9 / 5.2	10.1 / 8.6 / 7.2
Sound Pressure*	Cooling	H / M / L	dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 39 / 35
Sound Power	Cooling	Max.	dB(A)	59	59	60
Dimensions	Body	W x H x D	mm	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210
Net Weight	Body		kg	16.3	16.3	16.3
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
ACCESSORIES & OTHERS				UQ09F.NA0	UQ12F.NA0	UQ18F.NA0
Commercial Single Split Compatible				Y	Y	Y
Dual Vane Cassette Panel				-	-	-
Air Purification Kit (UVnano Filter Box)				-	-	-
Dry Contact				Y	Y	Y
Wireless or Wired Remote Controller				Y	Y	Y
ThinQ (Wi-Fi)				Y	Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
 ※ This product contains fluorinated greenhouse gases. (R32/R410A)
 ※ For our policy of continuous product improvement, specification, design and features are subject to change without prior notice.
 ※ Y : Available or Applied / - : Not Available or Not Applied



MU2R15

OPERATION	COOLING													
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
						Btu/h	kW	Btu/h	kW	Btu/h	kW			
2 UNIT	5	5	-	-	10	6,000	1.76	10,000	2.93	11,500	3.37	414	682	889
	5	7	-	-	12	7,200	2.11	12,000	3.52	13,800	4.04	486	833	1,106
	5	9	-	-	14	8,400	2.46	14,000	4.10	16,100	4.72	541	1,000	1,391
	7	7	-	-	14	8,400	2.46	14,000	4.10	16,100	4.72	541	1,000	1,391
	7	9	-	-	16	8,400	2.46	14,000	4.10	16,100	4.72	541	1,000	1,391
	5	12	-	-	17	8,400	2.46	14,000	4.10	16,100	4.72	541	1,000	1,391
	9	9	-	-	18	8,400	2.46	14,000	4.10	16,100	4.72	541	1,000	1,391
	7	12	-	-	19	8,400	2.46	14,000	4.10	16,100	4.72	541	1,000	1,391
	9	12	-	-	21	8,400	2.46	14,000	4.10	16,100	4.72	541	1,000	1,391

OPERATION	HEATING													
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
						Btu/h	kW	Btu/h	kW	Btu/h	kW			
2 UNIT	5	5	-	-	10	6,600	1.93	11,000	3.22	12,100	3.55	395	651	812
	5	7	-	-	12	7,920	2.32	13,200	3.87	14,520	4.26	493	827	1,032
	5	9	-	-	14	9,600	2.81	16,000	4.69	18,400	5.39	629	1,066	1,457
	7	7	-	-	14	9,600	2.81	16,000	4.69	18,400	5.39	629	1,066	1,457
	7	9	-	-	16	9,600	2.81	16,000	4.69	18,400	5.39	629	1,066	1,457
	5	12	-	-	17	9,600	2.81	16,000	4.69	18,400	5.39	629	1,066	1,457
	9	9	-	-	18	9,600	2.81	16,000	4.69	18,400	5.39	629	1,066	1,457
	7	12	-	-	19	9,600	2.81	16,000	4.69	18,400	5.39	629	1,066	1,457
	9	12	-	-	21	9,600	2.81	16,000	4.69	18,400	5.39	629	1,066	1,457

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



MU2R17

OPERATION	COOLING													
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
						Btu/h	kW	Btu/h	kW	Btu/h	kW			
2 UNIT	5	5	-	-	10	6,000	1.76	10,000	2.93	11,500	3.37	414	682	889
	5	7	-	-	12	7,200	2.11	12,000	3.52	13,800	4.04	486	833	1,106
	5	9	-	-	14	8,400	2.46	14,000	4.10	16,100	4.72	541	1,000	1,391
	7	7	-	-	14	8,400	2.46	14,000	4.10	16,100	4.72	541	1,000	1,391
	7	9	-	-	16	9,600	2.81	16,000	4.69	18,400	5.39	652	1,221	1,809
	5	12	-	-	17	9,600	2.81	16,000	4.69	18,400	5.39	652	1,221	1,809
	9	9	-	-	18	9,600	2.81	16,000	4.69	18,400	5.39	652	1,221	1,809
	7	12	-	-	19	9,600	2.81	16,000	4.69	18,400	5.39	652	1,221	1,809
	5	15	-	-	20	9,600	2.81	16,000	4.69	18,400	5.39	652	1,221	1,809
	9	12	-	-	21	9,600	2.81	16,000	4.69	18,400	5.39	652	1,221	1,809
	7	15	-	-	22	9,600	2.81	16,000	4.69	18,400	5.39	652	1,221	1,809
	9	15	-	-	24	9,600	2.81	16,000	4.69	18,400	5.39	652	1,221	1,809
	12	12	-	-	24	9,600	2.81	16,000	4.69	18,400	5.39	652	1,221	1,809

OPERATION	HEATING													
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
						Btu/h	kW	Btu/h	kW	Btu/h	kW			
2 UNIT	5	5	-	-	10	6,600	1.93	11,000	3.22	12,100	3.55	395	651	812
	5	7	-	-	12	7,920	2.32	13,200	3.87	14,520	4.26	493	827	1,032
	5	9	-	-	14	9,600	2.81	16,000	4.69	18,400	5.39	629	1,066	1,457
	7	7	-	-	14	9,600	2.81	16,000	4.69	18,400	5.39	629	1,066	1,457
	7	9	-	-	16	10,440	3.06	17,400	5.10	18,800	5.51	700	1,200	1,508
	5	12	-	-	17	10,440	3.06	17,400	5.10	18,800	5.51	700	1,200	1,508
	9	9	-	-	18	10,440	3.06	17,400	5.10	18,800	5.51	700	1,200	1,508
	7	12	-	-	19	10,440	3.06	17,400	5.10	18,800	5.51	700	1,200	1,508
	5	15	-	-	20	10,440	3.06	17,400	5.10	18,800	5.51	700	1,200	1,508
	9	12	-	-	21	10,440	3.06	17,400	5.10	18,800	5.51	700	1,200	1,508
	7	15	-	-	22	10,440	3.06	17,400	5.10	18,800	5.51	700	1,200	1,508
	9	15	-	-	24	10,440	3.06	17,400	5.10	18,800	5.51	700	1,200	1,508
	12	12	-	-	24	10,440	3.06	17,400	5.10	18,800	5.51	700	1,200	1,508

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



MU3R19

OPERATION	COOLING (NEW 18K)													
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	6,000	1.76	10,000	2.93	12,000	3.52	313	524	744
	5	7	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	393	676	971
	5	9	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	478	846	1,224
	7	7	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	478	846	1,224
	7	9	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	571	1,033	1,501
	5	12	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	620	1,132	1,653
	9	9	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	7	12	-	-	19	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	5	15	-	-	20	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	9	12	-	-	21	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	7	15	-	-	22	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	5	18	-	-	23	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	9	15	-	-	24	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	12	12	-	-	24	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	7	18	-	-	25	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	9	18	-	-	27	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	12	15	-	-	27	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	12	18	-	-	30	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	15	15	-	-	30	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	3 UNIT	5	5	5	-	15	9,000	2.64	15,000	4.40	18,000	5.28	525	918
5		5	7	-	17	10,200	2.99	17,000	4.98	20,400	5.98	619	1,097	1,565
5		5	9	-	19	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		7	7	-	19	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		7	9	-	21	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
7		7	7	-	21	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		5	12	-	22	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		9	9	-	23	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
7		7	9	-	23	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		7	12	-	24	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		5	15	-	25	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
7		9	9	-	25	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		9	12	-	26	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
7		7	12	-	26	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		7	15	-	27	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
9		9	9	-	27	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		5	18	-	28	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
7		9	12	-	28	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		9	15	-	29	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
5		12	12	-	29	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703
7	7	15	-	29	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703	
5	7	18	-	30	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703	
9	9	12	-	30	10,800	3.17	18,000	5.28	21,600	6.33	669	1,190	1,703	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



MU3R19

OPERATION	HEATING (NEW 18K)													
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	7,200	2.11	12,000	3.52	13,800	4.04	333	638	770
	5	7	-	-	12	8,640	2.53	14,400	4.22	16,560	4.85	421	821	1,013
	5	9	-	-	14	10,080	2.95	16,800	4.92	19,320	5.66	516	1,024	1,286
	7	7	-	-	14	10,080	2.95	16,800	4.92	19,320	5.66	516	1,024	1,286
	7	9	-	-	16	11,520	3.38	19,200	5.63	22,080	6.47	621	1,237	1,585
	5	12	-	-	17	12,240	3.59	20,400	5.98	23,460	6.88	677	1,353	1,749
	9	9	-	-	18	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	7	12	-	-	19	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	5	15	-	-	20	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	9	12	-	-	21	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	7	15	-	-	22	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	5	18	-	-	23	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	9	15	-	-	24	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	12	12	-	-	24	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	7	18	-	-	25	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	9	18	-	-	27	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	12	15	-	-	27	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	12	18	-	-	30	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	15	15	-	-	30	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	3 UNIT	5	5	5	-	15	10,800	3.17	18,000	5.28	20,700	6.07	546	997
5		5	7	-	17	12,240	3.59	20,400	5.98	23,460	6.88	650	1,209	1,654
5		5	9	-	19	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		7	7	-	19	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		7	9	-	21	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
7		7	7	-	21	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		5	12	-	22	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		9	9	-	23	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
7		7	9	-	23	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		7	12	-	24	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		5	15	-	25	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
7		9	9	-	25	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		9	12	-	26	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
7		7	12	-	26	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		7	15	-	27	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
9		9	9	-	27	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		5	18	-	28	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
7		9	12	-	28	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		9	15	-	29	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
5		12	12	-	29	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820
7	7	15	-	29	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820	
5	7	18	-	30	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820	
9	9	12	-	30	12,960	3.80	21,600	6.33	24,840	7.28	705	1,320	1,820	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



MU3R21

OPERATION	COOLING													
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
						Btu/h	kW	Btu/h	kW	Btu/h	kW			
2 UNIT	5	5	-	-	10	7,200	2.11	10,000	2.93	12,000	3.52	313	524	744
	5	7	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	393	676	971
	5	9	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	478	846	1,224
	7	7	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	478	846	1,224
	7	9	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	571	1,033	1,501
	5	12	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	620	1,132	1,653
	9	9	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	671	1,235	1,818
	7	12	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	724	1,342	2,087
	5	15	-	-	20	12,000	3.52	20,000	5.86	24,000	7.03	778	1,455	2,204
	9	12	-	-	21	12,600	3.69	21,000	6.15	24,150	7.08	835	1,574	2,406
	7	15	-	-	22	12,600	3.69	21,000	6.15	24,150	7.08	835	1,574	2,406
	5	18	-	-	23	12,600	3.69	21,000	6.15	24,150	7.08	835	1,574	2,406
	9	15	-	-	24	12,600	3.69	21,000	6.15	25,000	7.33	835	1,574	2,406
	12	12	-	-	24	12,600	3.69	21,000	6.15	25,000	7.33	835	1,574	2,406
	7	18	-	-	25	12,600	3.69	21,000	6.15	25,000	7.33	835	1,574	2,406
	9	18	-	-	27	12,600	3.69	21,000	6.15	25,000	7.33	835	1,574	2,406
	12	15	-	-	27	12,600	3.69	21,000	6.15	25,000	7.33	835	1,574	2,406
	12	18	-	-	30	12,600	3.69	21,000	6.15	25,000	7.33	835	1,574	2,406
	15	15	-	-	30	12,600	3.69	21,000	6.15	25,000	7.33	835	1,574	2,406
	15	18	-	-	33	12,600	3.69	21,000	6.15	25,000	7.33	835	1,574	2,406
3 UNIT	5	5	5	-	15	9,000	2.64	15,000	4.40	18,000	5.28	525	918	1,309
	5	5	7	-	17	10,200	2.99	17,000	4.98	20,400	5.98	619	1,097	1,565
	5	5	9	-	19	11,400	3.34	19,000	5.57	22,800	6.68	720	1,286	1,856
	5	7	7	-	19	11,400	3.34	19,000	5.57	22,800	6.68	720	1,286	1,856
	5	7	9	-	21	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	7	7	7	-	21	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	5	12	-	22	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	9	9	-	23	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	7	7	9	-	23	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	7	12	-	24	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	5	15	-	25	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	7	9	9	-	25	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	9	12	-	26	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	7	7	12	-	26	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	7	15	-	27	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	9	9	9	-	27	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	5	18	-	28	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	7	9	12	-	28	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	9	15	-	29	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	12	12	-	29	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	7	7	15	-	29	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	7	18	-	30	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	9	9	12	-	30	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	7	9	15	-	31	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	7	12	12	-	31	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	12	15	-	32	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	5	9	18	-	32	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	7	7	18	-	32	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	9	9	15	-	33	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856
	9	12	12	-	33	12,600	3.69	21,000	6.15	25,000	7.33	720	1,286	1,856

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



MU3R21

OPERATION	HEATING (NEW 21K)													
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
						Btu/h	kW	Btu/h	kW	Btu/h	kW			
2 UNIT	5	5	-	-	10	7,200	2.11	12,000	3.52	13,800	4.04	333	638	770
	5	7	-	-	12	8,640	2.53	14,400	4.22	16,560	4.85	421	821	1,013
	5	9	-	-	14	10,080	2.95	16,800	4.92	19,320	5.66	516	1,024	1,286
	7	7	-	-	14	10,080	2.95	16,800	4.92	19,320	5.66	516	1,024	1,286
	7	9	-	-	16	11,520	3.38	19,200	5.63	22,080	6.47	621	1,237	1,585
	5	12	-	-	17	12,240	3.59	20,400	5.98	23,460	6.88	677	1,353	1,749
	9	9	-	-	18	12,960	3.80	21,600	6.33	24,840	7.28	734	1,470	1,930
	7	12	-	-	19	13,680	4.01	22,800	6.68	26,220	7.68	795	1,595	2,137
	5	15	-	-	20	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	9	12	-	-	21	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	7	15	-	-	22	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	5	18	-	-	23	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	9	15	-	-	24	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	12	12	-	-	24	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	7	18	-	-	25	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	9	18	-	-	27	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	12	15	-	-	27	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	12	18	-	-	30	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	15	15	-	-	30	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
	15	18	-	-	33	14,400	4.22	24,000	7.03	26,600	7.80	858	1,730	2,200
3 UNIT	5	5	5	-	15	10,800	3.17	18,000	5.28	20,700	6.07	546	997	1,370
	5	5	7	-	17	12,240	3.59	20,400	5.98	23,460	6.88	650	1,209	1,654
	5	5	9	-	19	13,680	4.01	22,800	6.68	26,220	7.68	762	1,436	2,010
	5	7	7	-	19	13,680	4.01	22,800	6.68	26,220	7.68	762	1,436	2,010
	5	7	9	-	21	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	7	7	7	-	21	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	5	5	12	-	22	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	5	9	9	-	23	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	7	7	9	-	23	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	5	7	12	-	24	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	5	5	15	-	25	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	7	9	9	-	25	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	5	9	12	-	26	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	7	7	12	-	26	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	5	7	15	-	27	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	9	9	9	-	27	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	5	5	18	-	28	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	7	9	12	-	28	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	5	9	15	-	29	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	5	12	12	-	29	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068
	7	7	15	-	29	14,400	4.22	24,000	7.03	26,600	7.80	821	1,560	2,068



MU4R25

OPERATION	COOLING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
Btu/h							kW	Btu/h	kW	Btu/h	kW				
2 UNIT	5	5	-	-	-	10	7,200	2.11	10,000	2.93	12,000	3.52	350	532	788
	5	7	-	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	350	669	991
	5	9	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	408	821	1,215
	7	7	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	408	821	1,215
	7	9	-	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	469	991	1,467
	5	12	-	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	532	1,083	1,603
	9	9	-	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	1,749
	7	12	-	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	669	1,290	1,909
	5	15	-	-	-	20	12,000	3.52	20,000	5.86	24,000	7.03	669	1,406	2,080
	9	12	-	-	-	21	12,600	3.69	21,000	6.15	24,150	7.08	743	1,530	2,264
	7	15	-	-	-	22	13,200	3.87	22,000	6.45	25,300	7.42	743	1,638	2,425
	5	18	-	-	-	23	13,800	4.04	23,000	6.74	26,450	7.75	821	1,752	2,593
	9	15	-	-	-	24	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770
	12	12	-	-	-	24	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770
	7	18	-	-	-	25	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770
	9	18	-	-	-	27	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770
	12	15	-	-	-	27	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770
	5	24	-	-	-	29	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770
	12	18	-	-	-	30	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770
	15	15	-	-	-	30	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770
7	24	-	-	-	31	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770	
9	24	-	-	-	33	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770	
15	18	-	-	-	33	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770	
12	24	-	-	-	36	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770	
18	18	-	-	-	36	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770	
15	24	-	-	-	39	14,400	4.22	24,000	7.03	27,000	7.91	904	1,871	2,770	
3 UNIT	5	5	5	-	-	15	9,000	2.64	15,000	4.40	18,000	5.28	422	837	1,239
	5	5	7	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	481	1,013	1,500
	5	5	9	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	544	1,212	1,794
	5	7	7	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	544	1,212	1,794
	5	7	9	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	682	1,438	2,128
	7	7	7	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	682	1,438	2,128
	5	5	12	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	731	1,540	2,279
	5	9	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	731	1,647	2,437
	7	7	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	731	1,647	2,437
	5	7	12	-	-	24	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	5	5	15	-	-	25	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	7	9	9	-	-	25	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	5	9	12	-	-	26	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	7	7	12	-	-	26	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	5	7	15	-	-	27	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	9	9	9	-	-	27	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	7	9	12	-	-	28	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	5	5	18	-	-	28	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	5	9	15	-	-	29	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
	5	12	12	-	-	29	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603
7	7	15	-	-	29	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
7	7	15	-	-	29	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
5	7	18	-	-	30	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
9	9	12	-	-	30	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
7	9	15	-	-	31	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
7	12	12	-	-	31	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
5	12	15	-	-	32	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
5	9	18	-	-	32	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
7	7	18	-	-	32	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
9	9	15	-	-	33	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
9	12	12	-	-	33	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
5	5	24	-	-	34	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
7	9	18	-	-	34	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
7	12	15	-	-	34	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
5	12	18	-	-	35	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
5	15	15	-	-	35	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
5	7	24	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
9	12	15	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
12	12	12	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
9	9	18	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
7	12	18	-	-	37	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
7	15	15	-	-	37	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
5	9	24	-	-	38	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
5	15	18	-	-	38	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
7	7	24	-	-	38	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
9	12	18	-	-	39	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
9	15	15	-	-	39	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	
12	12	15	-	-	39	14,400	4.22	24,000	7.03	29,000	8.50	837	1,758	2,603	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



MU4R25

OPERATION	COOLING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
Btu/h							kW	Btu/h	kW	Btu/h	kW				
2 UNIT	5	5	5	5	-	20	12,000	3.52	20,000	5.86	24,000	7.03	592	1,265	1,872
	5	5	5	7	-	22	13,200	3.87	22,000	6.45	29,000	8.50	659	1,495	2,212
	5	5	5	9	-	24	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	5	5	7	7	-	24	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	5	5	7	9	-	26	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	5	7	7	7	-	26	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	5	5	5	12	-	27	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	5	5	9	9	-	28	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	5	7	7	9	-	28	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	7	7	7	7	-	28	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	5	5	7	12	-	29	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	5	5	5	15	-	30	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	5	7	9	9	-	30	14,400	4.22	24,000	7.03	29,000	8.50	731	1,758	2,603
	7	7	7	9	-	30									



MU4R25

OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.	
2 UNIT	5	5	-	-	-	10	7,200	2.11	12,000	3.52	14,400	4.22	329	598	861
	5	7	-	-	-	12	8,640	2.53	14,400	4.22	17,280	5.06	430	904	1,301
	5	9	-	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	484	945	1,360
	7	7	-	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	484	945	1,360
	7	9	-	-	-	16	11,520	3.38	19,200	5.63	23,040	6.75	540	1,118	1,610
	5	12	-	-	-	17	12,240	3.59	20,400	5.98	24,480	7.17	598	1,319	1,899
	9	9	-	-	-	18	12,960	3.80	21,600	6.33	25,920	7.60	660	1,430	2,059
	7	12	-	-	-	19	13,680	4.01	22,800	6.68	27,360	8.02	725	1,543	2,221
	5	15	-	-	-	20	14,400	4.22	24,000	7.03	28,800	8.44	764	1,662	2,393
	9	12	-	-	-	21	15,120	4.43	25,200	7.39	29,000	8.50	793	1,749	2,518
	7	15	-	-	-	22	15,840	4.64	26,400	7.74	29,000	8.50	867	1,836	2,644
	5	18	-	-	-	23	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	9	15	-	-	-	24	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	12	12	-	-	-	24	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	7	18	-	-	-	25	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	9	18	-	-	-	27	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	12	15	-	-	-	27	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	5	24	-	-	-	29	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	12	18	-	-	-	30	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	15	15	-	-	-	30	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	7	24	-	-	-	31	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	9	24	-	-	-	33	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	15	18	-	-	-	33	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	12	24	-	-	-	36	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	18	18	-	-	-	36	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	15	24	-	-	-	39	16,560	4.85	27,600	8.09	29,000	8.50	945	1,977	2,850
	5	5	5	-	-	15	10,800	3.17	18,000	5.28	21,600	6.33	497	946	1,363
	5	5	7	-	-	17	12,240	3.59	20,400	5.98	24,480	7.17	551	1,118	1,610
	5	5	9	-	-	19	13,680	4.01	22,800	6.68	27,360	8.02	725	1,419	2,044
	5	7	7	-	-	19	13,680	4.01	22,800	6.68	27,360	8.02	725	1,419	2,044
	5	7	9	-	-	21	15,120	4.43	25,200	7.39	30,240	8.86	730	1,610	2,319
	7	7	7	-	-	21	15,120	4.43	25,200	7.39	30,240	8.86	730	1,610	2,319
	5	5	12	-	-	22	15,840	4.64	26,400	7.74	31,000	9.09	798	1,697	2,444
	5	9	9	-	-	23	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647
	7	7	9	-	-	23	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647
	5	7	12	-	-	24	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647
	5	5	15	-	-	25	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647
	7	9	9	-	-	25	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647
	5	9	12	-	-	26	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647
7	7	12	-	-	26	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	7	15	-	-	27	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
9	9	9	-	-	27	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	9	12	-	-	28	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	5	18	-	-	28	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	9	15	-	-	29	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	12	12	-	-	29	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	7	15	-	-	29	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	7	18	-	-	30	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
9	9	12	-	-	30	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	9	15	-	-	31	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	12	12	-	-	31	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	12	15	-	-	32	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	9	18	-	-	32	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	7	18	-	-	32	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
9	9	15	-	-	33	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
9	12	12	-	-	33	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	5	24	-	-	34	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	9	18	-	-	34	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	12	15	-	-	34	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	12	18	-	-	35	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	15	15	-	-	35	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	7	24	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
9	12	15	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
12	12	12	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
9	9	18	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	12	18	-	-	37	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	15	15	-	-	37	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	9	24	-	-	38	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
5	15	18	-	-	38	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
7	7	24	-	-	38	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
9	12	18	-	-	39	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
9	15	15	-	-	39	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	
12	12	15	-	-	39	16,560	4.85	27,600	8.09	31,000	9.09	870	1,838	2,647	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



MU4R25

OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.	
4 UNIT	5	5	5	5	-	20	14,400	4.22	24,000	7.03	28,800	8.44	700	1,418	2,041
	5	5	5	7	-	22	15,840	4.64	26,400	7.74	31,000	9.09	795	1,625	2,339
	5	5	5	9	-	24	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	5	7	7	-	24	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	5	7	9	-	26	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	7	7	7	-	26	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	5	5	12	-	27	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	5	9	9	-	28	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	7	7	9	-	28	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	7	7	7	7	-	28	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	5	7	12	-	29	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	5	5	15	-	30	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	7	9	9	-	30	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	7	7	7	9	-	30	16,560	4.85	27,600	8.09	31,000	9.09	832	1,838	2,647
	5	5	9	12	-	31	16,560	4.85	27,600	8.09	31,000	9.09	832	1,8	



MU4R27

OPERATION	COOLING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	6,000	1.76	10,000	2.93	12,000	3.52	378	623	853
	5	7	-	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	444	761	1,038
	5	9	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	533	903	1,228
	7	7	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	533	903	1,228
	7	9	-	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	601	1,047	1,423
	5	12	-	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	646	1,121	1,537
	9	9	-	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	692	1,195	1,623
	7	12	-	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	715	1,270	1,740
	5	15	-	-	-	20	12,000	3.52	20,000	5.86	24,000	7.03	761	1,347	1,829
	9	12	-	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	808	1,423	2,012
	7	15	-	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	855	1,475	2,154
	5	18	-	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	879	1,554	2,351
	9	15	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	927	1,633	2,505
	12	12	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	927	1,633	2,505
	7	18	-	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	975	1,755	2,721
	9	18	-	-	-	27	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891
	12	15	-	-	-	27	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891
	5	24	-	-	-	29	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891
	12	18	-	-	-	30	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891
	15	15	-	-	-	30	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891
	7	24	-	-	-	31	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891
	9	24	-	-	-	33	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891
	15	18	-	-	-	33	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891
	18	18	-	-	-	36	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891
12	24	-	-	-	36	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891	
15	24	-	-	-	39	16,200	4.75	27,000	7.90	31,050	9.10	1,047	2,011	2,891	
5	5	5	-	-	15	9,000	2.64	15,000	4.40	18,000	5.28	522	916	1,258	
5	5	7	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	607	1,054	1,445	
5	5	9	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	672	1,194	1,636	
5	7	7	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	672	1,194	1,636	
5	7	9	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	760	1,338	1,891	
7	7	7	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	760	1,338	1,891	
5	5	12	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	804	1,387	2,025	
5	9	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	826	1,461	2,219	
7	7	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	826	1,461	2,219	
5	7	12	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	871	1,535	2,379	
5	5	15	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	916	1,650	2,605	
7	9	9	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	916	1,650	2,605	
5	9	12	-	-	26	15,600	4.57	26,000	7.62	31,200	9.14	962	1,767	2,784	
7	7	12	-	-	26	15,600	4.57	26,000	7.62	31,200	9.14	962	1,767	2,784	
5	7	15	-	-	27	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
9	9	9	-	-	27	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	9	12	-	-	28	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	5	18	-	-	28	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	9	15	-	-	29	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	12	12	-	-	29	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	7	15	-	-	29	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	7	18	-	-	30	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
9	9	12	-	-	30	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	9	15	-	-	31	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	12	12	-	-	31	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	12	15	-	-	32	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	9	18	-	-	32	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	7	18	-	-	32	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
9	9	15	-	-	33	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
9	12	12	-	-	33	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	9	18	-	-	34	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	12	15	-	-	34	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	5	24	-	-	34	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	12	18	-	-	35	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	15	15	-	-	35	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
9	12	15	-	-	36	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
12	12	12	-	-	36	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
9	9	18	-	-	36	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	12	18	-	-	37	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	15	15	-	-	37	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	9	24	-	-	38	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	15	18	-	-	38	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	7	24	-	-	38	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
9	12	18	-	-	39	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
9	15	15	-	-	39	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
12	12	15	-	-	39	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	9	24	-	-	40	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
7	15	18	-	-	40	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	12	24	-	-	41	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	
5	18	18	-	-	41	16,200	4.75	27,000	7.90	31,050	9.10	984	1,890	2,784	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



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OPERATION	COOLING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	5	5	5	5	-	20	12,000	3.52	20,000	5.86	24,000	7.03	680	1,202	1,633
	5	5	5	7	-	22	13,200	3.87	22,000	6.45	26,400	7.74	764	1,317	1,923
	5	5	5	9	-	24	14,400	4.22	24,000	7.03	28,800	8.44	827	1,458	2,215
	5	5	7	7	-	24	14,400	4.22	24,000	7.03	28,800	8.44	827	1,458	2,215
	5	5	7	9	-	26	15,600	4.57	26,000	7.62	31,200	9.14	913	1,679	2,520
	5	7	7	7	-	26	15,600	4.57	26,000	7.62	31,200	9.14	913	1,679	2,520
	5	5	5	12	-	27	16,200	4.75	27,000	7.90	32,400	9.50	935	1,795	2,706
	5	5	9	9	-	28	16,200	4.75	27,000	7.90	32,400	9.50	935	1,795	2,706
	5	7	7	9	-	28	16,200	4.75	27,000	7.90	32,400	9.50	935	1,795	2,706
	7	7	7	7	-	28	16,200	4.75	27,000	7.90	32,400	9.50	935	1,795	2,706
	5	5	7	12	-	29	16,200	4.75	27,000	7.90	32,400	9.50	935	1,795	2,706
	5	5	5	15	-	30	16,200	4.75	27,000	7.90	32,400	9.50	935	1,795	2,706
	5	7	9</												



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OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
						Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.	
2 UNIT	5	5	-	-	-	10	7,200	2.11	12,000	3.52	14,400	4.22	451	773	1,081
	5	7	-	-	-	12	8,640	2.53	14,400	4.22	17,280	5.06	541	940	1,337
	5	9	-	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	656	1,112	1,571
	7	7	-	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	656	1,112	1,571
	7	9	-	-	-	16	11,520	3.38	19,200	5.63	23,040	6.75	749	1,289	1,844
	5	12	-	-	-	17	12,240	3.59	20,400	5.98	24,480	7.17	796	1,392	1,968
	9	9	-	-	-	18	12,960	3.80	21,600	6.33	25,920	7.60	844	1,471	2,094
	7	12	-	-	-	19	13,680	4.01	22,800	6.68	27,360	8.02	892	1,577	2,222
	5	15	-	-	-	20	14,400	4.22	24,000	7.03	28,800	8.44	940	1,657	2,352
	9	12	-	-	-	21	15,120	4.43	25,200	7.39	30,240	8.86	989	1,766	2,568
	7	15	-	-	-	22	15,840	4.64	26,400	7.74	31,680	9.28	1,038	1,848	2,811
	5	18	-	-	-	23	16,560	4.85	27,600	8.09	33,120	9.71	1,112	1,960	3,127
	9	15	-	-	-	24	17,280	5.06	28,800	8.44	34,100	9.99	1,100	2,045	3,384
	12	12	-	-	-	24	17,280	5.06	28,800	8.44	34,100	9.99	1,100	2,045	3,384
	7	18	-	-	-	25	18,000	5.28	30,000	8.79	34,100	9.99	1,147	2,194	3,384
	9	18	-	-	-	27	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384
	12	15	-	-	-	27	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384
	5	24	-	-	-	29	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384
	12	18	-	-	-	30	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384
	15	15	-	-	-	30	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384
7	24	-	-	-	31	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384	
9	24	-	-	-	33	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384	
15	18	-	-	-	33	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384	
18	18	-	-	-	36	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384	
12	24	-	-	-	36	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384	
15	24	-	-	-	39	18,600	5.45	31,000	9.09	34,100	9.99	1,194	2,157	3,384	
5	5	5	-	-	15	10,800	3.17	18,000	5.28	21,600	6.33	660	1,140	1,590	
5	5	7	-	-	17	12,240	3.59	20,400	5.98	24,480	7.17	748	1,309	1,850	
5	5	9	-	-	19	13,680	4.01	22,800	6.68	27,360	8.02	838	1,482	2,089	
5	7	7	-	-	19	13,680	4.01	22,800	6.68	27,360	8.02	838	1,482	2,089	
5	7	9	-	-	21	15,120	4.43	25,200	7.39	30,240	8.86	930	1,660	2,414	
7	7	7	-	-	21	15,120	4.43	25,200	7.39	30,240	8.86	930	1,660	2,414	
5	5	12	-	-	22	15,840	4.64	26,400	7.74	31,680	9.28	976	1,738	2,590	
5	9	9	-	-	23	16,560	4.85	27,600	8.09	33,120	9.71	1,046	1,842	2,767	
7	7	9	-	-	23	16,560	4.85	27,600	8.09	33,120	9.71	1,046	1,842	2,767	
5	7	12	-	-	24	17,280	5.06	28,800	8.44	34,560	10.13	1,093	1,922	2,951	
5	5	15	-	-	25	18,000	5.28	30,000	8.79	34,720	10.18	1,140	2,063	2,998	
7	9	9	-	-	25	18,000	5.28	30,000	8.79	34,720	10.18	1,140	2,063	2,998	
5	9	12	-	-	26	18,720	5.49	31,200	9.14	34,720	10.18	1,188	2,177	2,998	
7	7	12	-	-	26	18,720	5.49	31,200	9.14	34,720	10.18	1,188	2,177	2,998	
5	7	15	-	-	27	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
9	9	9	-	-	27	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	9	12	-	-	28	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	5	18	-	-	28	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	9	15	-	-	29	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	12	12	-	-	29	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	7	15	-	-	29	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	7	18	-	-	30	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
9	9	12	-	-	30	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	9	15	-	-	31	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	12	12	-	-	31	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	12	15	-	-	32	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	9	18	-	-	32	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	7	18	-	-	32	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
9	9	15	-	-	33	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
9	12	12	-	-	33	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	9	18	-	-	34	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	12	15	-	-	34	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	5	24	-	-	34	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	12	18	-	-	35	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	15	15	-	-	35	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
9	12	15	-	-	36	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
12	12	12	-	-	36	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
9	9	18	-	-	36	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	12	18	-	-	37	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	15	15	-	-	37	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	9	24	-	-	38	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	15	18	-	-	38	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	7	24	-	-	38	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
9	12	18	-	-	39	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
9	15	15	-	-	39	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
12	12	15	-	-	39	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	9	24	-	-	40	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
7	15	18	-	-	40	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	12	24	-	-	41	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	
5	18	18	-	-	41	18,600	5.45	31,000	9.09	34,720	10.18	1,188	2,177	2,998	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



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OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
						Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.	
4 UNIT	5	5	5	5	-	20	14,400	4.22	24,000	7.03	28,800	8.44	840	1,480	2,100
	5	5	5	7	-	22	15,840	4.64	26,400	7.74	31,680	9.28	927	1,651	2,470
	5	5	5	9	-	24	17,280	5.06	28,800	8.44	34,560	10.13	1,038	1,826	2,861
	5	5	7	7	-	24	17,280	5.06	28,800	8.44	34,560	10.13	1,038	1,826	2,861
	5	5	7	9	-	26	18,000	5.28	30,000	8.79	36,000	10.55	1,083	1,960	3,125
	5	7	7	7	-	26	18,000	5.28	30,000	8.79	36,000	10.55	1,083	1,960	3,125
	5	5	5	12	-	27	18,600	5.45	31,000	9.09	36,000	10.55	1,128	2,068	3,125
	5	5	9	9	-	28	18,600	5.45	31,000	9.09	36,000	10.55	1,128	2,068	3,125
	5	7	7	9	-	28	18,600	5.45	31,000	9.09	36,000	10.55	1,128	2,068	3,125
	7	7	7	7	-	28	18,600	5.45	31,000						



MU5R30

OPERATION	COOLING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kbtu/h)					TOTAL	TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E		MIN.	RATED		MAX.		MIN.	RATED	MAX.	
						Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.	
2 UNIT	5	5	-	-	-	10	6,000	1.76	10,000	2.93	12,000	3.52	378	623	876
	5	7	-	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	444	761	1,066
	5	9	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	533	903	1,261
	7	7	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	533	903	1,261
	7	9	-	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	601	1,047	1,461
	5	12	-	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	646	1,121	1,578
	9	9	-	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	692	1,195	1,667
	7	12	-	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	715	1,270	1,787
	5	15	-	-	-	20	12,000	3.52	20,000	5.86	24,000	7.03	761	1,347	1,878
	9	12	-	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	808	1,423	2,066
	7	15	-	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	855	1,475	2,211
	5	18	-	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	879	1,554	2,414
	9	15	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	927	1,633	2,572
	12	12	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	927	1,633	2,572
	7	18	-	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	975	1,755	2,794
	9	18	-	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	1,047	2,011	3,213
	12	15	-	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	1,047	2,011	3,213
	5	24	-	-	-	29	17,400	5.10	29,000	8.50	33,000	9.67	1,145	2,284	3,341
	12	18	-	-	-	30	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341
	15	15	-	-	-	30	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341
	7	24	-	-	-	31	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341
	9	24	-	-	-	33	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341
	15	18	-	-	-	33	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341
	18	18	-	-	-	36	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341
12	24	-	-	-	36	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341	
15	24	-	-	-	39	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341	
18	24	-	-	-	42	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341	
24	24	-	-	-	48	18,000	5.28	30,000	8.80	33,000	9.67	1,195	2,429	3,341	
3 UNIT	5	5	5	-	-	15	9,000	2.64	15,000	4.40	18,000	5.28	522	916	1,292
	5	5	7	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	607	1,054	1,483
	5	5	9	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	672	1,194	1,680
	5	7	7	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	672	1,194	1,680
	5	7	9	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	760	1,338	1,942
	7	7	7	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	760	1,338	1,942
	5	5	12	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	804	1,387	2,079
	5	9	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	826	1,461	2,278
	7	7	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	826	1,461	2,278
	5	7	12	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	871	1,535	2,442
	5	5	15	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	916	1,650	2,674
	7	9	9	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	916	1,650	2,674
	5	9	12	-	-	26	15,600	4.57	26,000	7.62	31,200	9.14	962	1,767	2,859
	7	7	12	-	-	26	15,600	4.57	26,000	7.62	31,200	9.14	962	1,767	2,859
	5	7	15	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	984	1,890	3,120
	9	9	9	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	984	1,890	3,120
	7	9	12	-	-	28	16,800	4.92	28,000	8.21	33,600	9.85	1,030	2,028	3,327
	5	5	18	-	-	28	16,800	4.92	28,000	8.21	33,600	9.85	1,030	2,028	3,327
	5	9	15	-	-	29	17,400	5.10	29,000	8.50	33,600	9.85	1,077	2,173	3,327
	5	12	12	-	-	29	17,400	5.10	29,000	8.50	33,600	9.85	1,077	2,173	3,327
	7	7	15	-	-	29	17,400	5.10	29,000	8.50	33,600	9.85	1,077	2,173	3,327
	5	7	18	-	-	30	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	9	9	12	-	-	30	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	7	9	15	-	-	31	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	7	12	12	-	-	31	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	5	12	15	-	-	32	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	5	9	18	-	-	32	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	7	7	18	-	-	32	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	9	9	15	-	-	33	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	9	12	12	-	-	33	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	7	9	18	-	-	34	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	7	12	15	-	-	34	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	5	5	24	-	-	34	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	5	12	18	-	-	35	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	5	15	15	-	-	35	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	5	7	24	-	-	36	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	9	12	15	-	-	36	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	12	12	12	-	-	36	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	9	9	18	-	-	36	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	7	12	18	-	-	37	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	7	15	15	-	-	37	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	5	9	24	-	-	38	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	5	15	18	-	-	38	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	7	7	24	-	-	38	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	9	12	18	-	-	39	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	9	15	15	-	-	39	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	12	12	15	-	-	39	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
	7	9	24	-	-	40	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327
7	15	18	-	-	40	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
5	12	24	-	-	41	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
5	18	18	-	-	41	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
12	12	18	-	-	42	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
9	9	24	-	-	42	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
9	15	18	-	-	42	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
12	15	15	-	-	42	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
7	18	18	-	-	43	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
7	12	24	-	-	43	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
5	15	24	-	-	44	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
9	18	18	-	-	45	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
9	12	24	-	-	45	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
12	15	18	-	-	45	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
15	15	15	-	-	45	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
7	15	24	-	-	46	18,000	5.28	30,000	8.80	33,600	9.85	1,123	2,326	3,327	
5	18	24	-	-	47	18,000	5.28	30,000	8.8						



MU5R30

OPERATION	COOLING															
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.	
5 UNIT	5	5	5	5	5	25	15,000	4.40	25,000	7.33	30,000	8.79	841	1,517	2,300	
	5	5	5	5	7	27	16,200	4.75	27,000	7.91	32,400	9.50	906	1,701	2,645	
	5	5	5	5	9	29	17,400	5.10	29,000	8.50	34,800	10.20	993	1,897	3,026	
	5	5	5	7	7	29	17,400	5.10	29,000	8.50	34,800	10.20	993	1,897	3,026	
	5	5	5	7	9	31	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
	5	5	5	7	7	31	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
	5	5	5	5	5	12	32	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	9	9	33	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	7	7	9	33	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	7	7	9	33	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	7	12	34	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	5	15	35	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	7	9	9	35	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	7	9	35	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	7	7	35	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	9	12	36	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	7	7	12	36	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	7	15	37	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	9	9	9	37	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	9	9	37	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	7	9	37	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	5	18	38	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	7	12	38	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	9	15	39	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	12	12	39	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	7	7	15	39	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	9	9	39	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	9	9	9	39	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	7	18	40	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	9	9	12	40	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	9	12	40	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	7	9	15	41	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	7	15	41	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	9	9	9	9	9	41	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	9	9	9	41	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	9	18	42	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	12	15	12	42	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	7	7	18	42	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	9	9	9	12	42	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	9	12	42	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	9	9	15	43	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	9	9	15	43	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	12	12	43	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	7	15	43	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	9	9	9	9	9	43	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	7	12	15	44	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	5	5	5	5	24	44	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
	5	7	7	7	7	18	44	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260
5	9	9	9	9	12	44	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	7	9	9	12	44	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	5	12	18	45	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	5	15	15	45	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	9	9	9	15	45	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	9	12	12	12	45	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	7	7	9	15	45	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	7	7	12	12	45	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	9	9	9	9	9	45	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	5	7	24	46	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	9	9	18	46	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	9	12	15	46	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	7	7	18	46	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	7	7	7	18	46	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	9	9	9	9	12	46	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	7	15	15	47	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	9	9	9	9	15	47	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	9	9	12	12	12	47	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	7	9	9	15	47	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	5	9	24	48	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	5	18	15	48	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	5	5	7	7	24	48	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	9	9	9	18	48	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	9	12	15	15	48	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	7	12	12	12	48	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
5	7	7	7	12	15	48	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
9	9	9	9	9	12	48	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	
7	7	7	7	9	18	48	18,000	5.28	30,000	8.80	36,000	10.55	1,037	2,000	3,260	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



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OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	7,200	2.11	12,000	3.52	14,400	4.22	451	773	1,081
	5	7	-	-	-	12	8,640	2.53	14,400	4.22	17,280	5.06	541	940	1,337
	5	9	-	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	656	1,112	1,571
	7	7	-	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	656	1,112	1,571
	7	9	-	-	-	16	11,520	3.38	19,200	5.63	23,040	6.75	749	1,289	1,844
	5	12	-	-	-	17	12,240	3.59	20,400	5.98	24,480	7.17			



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OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL	TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E		MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
5	5	5	5	5	-	20	14,400	4.22	24,000	7.03	28,800	8.44	840	1,480	2,100
5	5	5	5	7	-	22	15,840	4.64	26,400	7.74	31,680	9.28	927	1,651	2,470
5	5	5	5	9	-	24	17,280	5.06	28,800	8.44	34,560	10.13	1,038	1,826	2,861
5	5	5	7	7	-	24	17,280	5.06	28,800	8.44	34,560	10.13	1,038	1,826	2,861
5	5	5	7	9	-	26	18,720	5.49	31,200	9.14	37,440	10.97	1,128	2,068	3,349
5	5	7	7	7	-	26	18,720	5.49	31,200	9.14	37,440	10.97	1,128	2,068	3,349
5	5	5	5	12	-	27	19,440	5.70	32,400	9.50	38,640	11.32	1,174	2,230	3,524
5	5	5	5	9	-	28	20,160	5.91	33,600	9.85	38,640	11.32	1,220	2,356	3,524
5	5	7	7	9	-	28	20,160	5.91	33,600	9.85	38,640	11.32	1,220	2,356	3,524
5	5	7	7	7	-	28	20,160	5.91	33,600	9.85	38,640	11.32	1,220	2,356	3,524
5	5	5	5	15	-	29	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	5	5	12	-	30	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	9	-	30	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	7	9	-	30	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	5	5	12	-	31	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	7	12	-	31	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	5	7	15	-	32	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	9	-	32	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	5	5	18	-	33	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	12	-	33	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	7	12	-	33	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	5	5	15	-	34	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	7	15	-	34	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	9	9	-	35	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	9	12	-	35	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	12	-	35	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	15	-	36	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	12	12	-	36	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	7	15	-	36	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	9	9	-	36	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	9	18	-	37	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	5	12	15	-	37	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	7	18	-	37	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	9	12	-	37	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	9	15	-	38	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	15	-	38	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	12	12	-	38	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	18	-	39	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	18	-	39	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	9	12	-	39	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	7	18	-	39	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	12	18	-	40	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	15	-	40	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	12	-	40	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	5	7	24	-	41	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	12	15	-	41	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	12	12	12	-	41	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	7	12	-	41	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	9	18	-	41	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	15	15	-	42	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
9	9	9	9	15	-	42	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
9	9	9	12	12	-	42	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
9	9	9	12	12	-	42	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	5	9	24	-	43	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	9	9	12	15	-	43	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	9	9	12	12	-	43	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	9	15	15	-	44	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	7	7	12	18	-	44	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	7	7	15	15	-	44	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	5	7	18	15	-	45	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
9	9	9	12	15	-	45	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
9	9	12	12	12	-	45	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	7	9	9	18	-	45	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	7	9	7	24	-	45	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	9	9	12	18	-	46	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	9	15	15	15	-	46	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	12	12	15	15	-	46	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	12	12	12	18	-	47	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	7	9	24	24	-	47	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
7	7	15	18	18	-	47	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	9	15	18	18	-	47	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
5	12	15	15	15	-	47	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
9	9	15	15	15	-	48	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
12	12	12	12	12	-	48	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524
9	9	12	18	18	-	48	20,700	6.07	34,500	10.11	38,640	11.32	1,267	2,487	3,524

Note
 1. Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
 2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
 3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



MU5R30

OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL	TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E		MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
5	5	5	5	5	5	25	18,000	5.28	30,000	8.79	36,000	10.55	1,025	1,824	2,700
5	5	5	5	5	7	27	19,440	5.70	32,400	9.50	38,880	11.40	1,111	1,997	3,096
5	5	5	5	5	9	29	20,700	6.07	34,500	10.11	41,400	12.13	1,198	2,149	3,477
5	5	5	5	7	7	29	20,700	6.07	34,500	10.11	41,400	12.13	1,198	2,149	3,477
5	5	5	5	7	9	31	20,700	6.07	34,500	10.11	41,400	12.13	1,198	2,149	3,477
5	5	5	7	7	7	31	20,700	6.07	34,500	10.11	41,400	12.13	1,198	2,149	3,477
5	5	5	5												



MU5R40

OPERATION	COOLING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
Btu/h							kW	Btu/h	kW	Btu/h	kW				
2 UNIT	5	5	-	-	-	10	9,500	2.78	10,000	2.93	15,700	4.60	641	720	1,529
	5	7	-	-	-	12	9,948	2.92	12,000	3.52	17,293	5.07	710	977	1,796
	5	9	-	-	-	14	10,397	3.05	14,000	4.10	18,886	5.54	770	1,243	2,062
	7	7	-	-	-	14	10,397	3.05	14,000	4.10	18,886	5.54	770	1,243	2,062
	7	9	-	-	-	16	10,845	3.18	16,000	4.69	20,479	6.00	839	1,500	2,339
	5	12	-	-	-	17	11,069	3.24	17,000	4.98	21,276	6.24	868	1,638	2,467
	9	9	-	-	-	18	11,293	3.31	18,000	5.28	22,072	6.47	908	1,766	2,605
	7	12	-	-	-	19	11,517	3.38	19,000	5.57	22,869	6.70	937	1,895	2,743
	9	15	-	-	-	20	11,741	3.44	20,000	5.86	23,666	6.94	977	2,023	2,871
	5	12	-	-	-	21	11,966	3.51	21,000	6.15	24,462	7.17	1,006	2,161	3,010
	7	15	-	-	-	22	12,190	3.57	22,000	6.45	25,259	7.40	1,036	2,289	3,138
	5	18	-	-	-	23	12,414	3.64	23,000	6.74	26,055	7.64	1,076	2,418	3,276
	9	15	-	-	-	24	12,638	3.70	24,000	7.03	26,852	7.87	1,105	2,546	3,414
	12	12	-	-	-	24	12,638	3.70	24,000	7.03	26,852	7.87	1,105	2,546	3,414
	7	18	-	-	-	25	12,862	3.77	25,000	7.33	27,648	8.10	1,135	2,684	3,542
	9	18	-	-	-	27	13,310	3.90	27,000	7.91	29,241	8.57	1,204	2,940	3,819
	12	15	-	-	-	27	13,310	3.90	27,000	7.91	29,241	8.57	1,204	2,940	3,819
	5	24	-	-	-	29	13,759	4.03	29,000	8.50	30,834	9.04	1,273	3,207	4,085
	12	18	-	-	-	30	13,983	4.10	30,000	8.79	31,631	9.27	1,302	3,335	4,213
	15	15	-	-	-	30	13,983	4.10	30,000	8.79	31,631	9.27	1,302	3,335	4,213
	7	24	-	-	-	31	14,207	4.16	31,000	9.09	32,428	9.50	1,332	3,463	4,352
	9	24	-	-	-	33	14,655	4.30	33,000	9.67	34,021	9.97	1,401	3,730	4,618
	15	18	-	-	-	33	14,655	4.30	33,000	9.67	34,021	9.97	1,401	3,730	4,618
	18	18	-	-	-	36	15,328	4.49	36,000	10.55	36,410	10.67	1,500	4,115	5,023
12	24	-	-	-	36	15,328	4.49	36,000	10.55	36,410	10.67	1,500	4,115	5,023	
15	24	-	-	-	39	16,000	4.69	38,200	11.20	38,800	11.37	1,599	4,509	5,427	
18	24	-	-	-	42	16,000	4.69	38,200	11.20	38,800	11.37	1,599	4,509	5,427	
24	24	-	-	-	48	16,000	4.69	38,200	11.20	38,800	11.37	1,599	4,509	5,427	
3 UNIT	5	5	5	-	-	15	12,500	3.66	15,000	4.40	23,000	6.74	780	937	2,191
	5	5	7	-	-	17	13,208	3.87	17,000	4.98	24,517	7.19	858	1,164	2,447
	5	5	9	-	-	19	13,917	4.08	19,000	5.57	26,033	7.63	947	1,391	2,714
	5	7	7	-	-	19	13,917	4.08	19,000	5.57	26,033	7.63	947	1,391	2,714
	7	7	7	-	-	21	14,625	4.29	21,000	6.15	27,550	8.07	1,026	1,628	2,970
	5	7	9	-	-	21	14,625	4.29	21,000	6.15	27,550	8.07	1,026	1,628	2,970
	5	5	12	-	-	22	14,979	4.39	22,000	6.45	28,308	8.30	1,076	1,737	3,098
	5	9	9	-	-	23	15,333	4.49	23,000	6.74	29,067	8.52	1,115	1,855	3,237
	7	7	9	-	-	23	15,333	4.49	23,000	6.74	29,067	8.52	1,115	1,855	3,237
	5	7	12	-	-	24	15,688	4.60	24,000	7.03	29,825	8.74	1,154	1,964	3,365
	5	5	15	-	-	25	16,042	4.70	25,000	7.33	30,583	8.96	1,194	2,082	3,493
	7	9	9	-	-	25	16,042	4.70	25,000	7.33	30,583	8.96	1,194	2,082	3,493
	5	9	12	-	-	26	16,396	4.81	26,000	7.62	31,342	9.19	1,243	2,200	3,621
	7	7	12	-	-	26	16,396	4.81	26,000	7.62	31,342	9.19	1,243	2,200	3,621
	5	7	15	-	-	27	16,750	4.91	27,000	7.91	32,100	9.41	1,283	2,309	3,759
	9	9	9	-	-	27	16,750	4.91	27,000	7.91	32,100	9.41	1,283	2,309	3,759
	5	5	18	-	-	28	17,104	5.01	28,000	8.21	32,858	9.63	1,322	2,427	3,888
	7	9	12	-	-	28	17,104	5.01	28,000	8.21	32,858	9.63	1,322	2,427	3,888
	5	9	15	-	-	29	17,458	5.12	29,000	8.50	33,617	9.85	1,362	2,536	4,016
	5	12	12	-	-	29	17,458	5.12	29,000	8.50	33,617	9.85	1,362	2,536	4,016
	7	7	15	-	-	29	17,458	5.12	29,000	8.50	33,617	9.85	1,362	2,536	4,016
	5	7	18	-	-	30	17,813	5.22	30,000	8.79	34,375	10.07	1,401	2,654	4,154
	9	9	12	-	-	30	17,813	5.22	30,000	8.79	34,375	10.07	1,401	2,654	4,154
	7	9	15	-	-	31	18,167	5.32	31,000	9.09	35,133	10.30	1,451	2,773	4,282
	7	12	12	-	-	31	18,167	5.32	31,000	9.09	35,133	10.30	1,451	2,773	4,282
	5	9	18	-	-	32	18,521	5.43	32,000	9.38	35,892	10.52	1,490	2,881	4,411
	5	12	15	-	-	32	18,521	5.43	32,000	9.38	35,892	10.52	1,490	2,881	4,411
	7	7	18	-	-	32	18,521	5.43	32,000	9.38	35,892	10.52	1,490	2,881	4,411
	9	9	15	-	-	33	18,875	5.53	33,000	9.67	36,650	10.74	1,529	3,000	4,539
	9	12	12	-	-	33	18,875	5.53	33,000	9.67	36,650	10.74	1,529	3,000	4,539
	5	5	24	-	-	34	19,229	5.64	34,000	9.96	37,408	10.96	1,569	3,108	4,677
	7	9	18	-	-	34	19,229	5.64	34,000	9.96	37,408	10.96	1,569	3,108	4,677
	5	12	15	-	-	34	19,229	5.64	34,000	9.96	37,408	10.96	1,569	3,108	4,677
	7	12	18	-	-	35	19,583	5.74	35,000	10.26	38,167	11.19	1,618	3,227	4,805
	5	15	15	-	-	35	19,583	5.74	35,000	10.26	38,167	11.19	1,618	3,227	4,805
	5	7	24	-	-	36	19,938	5.84	36,000	10.55	38,925	11.41	1,658	3,345	4,934
	9	9	18	-	-	36	19,938	5.84	36,000	10.55	38,925	11.41	1,658	3,345	4,934
	9	12	15	-	-	36	19,938	5.84	36,000	10.55	38,925	11.41	1,658	3,345	4,934
	12	12	12	-	-	36	19,938	5.84	36,000	10.55	38,925	11.41	1,658	3,345	4,934
	7	12	18	-	-	37	20,292	5.95	37,000	10.84	39,683	11.63	1,697	3,454	5,062
	7	15	15	-	-	37	20,292	5.95	37,000	10.84	39,683	11.63	1,697	3,454	5,062
	5	9	24	-	-	38	20,646	6.05	38,000	11.14	40,442	11.85	1,737	3,572	5,200
	5	15	18	-	-	38	20,646	6.05	38,000	11.14	40,442	11.85	1,737	3,572	5,200
	7	7	24	-	-	38	20,646	6.05	38,000	11.14	40,442	11.85	1,737	3,572	5,200
	9	12	18	-	-	39	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328
	9	15	15	-	-	39	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328
	12	12	15	-	-	39	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328
	7	9	24	-	-	40	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328
7	15	18	-	-	40	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
5	12	24	-	-	41	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
5	18	18	-	-	41	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
9	9	24	-	-	42	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
9	15	18	-	-	42	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
12	12	18	-	-	42	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
12	15	15	-	-	42	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
7	12	24	-	-	43	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
7	18	18	-	-	43	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
5	15	24	-	-	44	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
9	12	24	-	-	45	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	
9	18	18	-	-	45	21,000	6.15	38,200	11.20	41,200	12.08	1,786	3,690	5,328	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.





MU5R40

OPERATION	COOLING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	7	9	9	18	-	43	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	9	12	15	-	43	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	12	12	12	-	43	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	9	12	18	-	44	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	9	15	15	-	44	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	12	12	15	-	44	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	7	12	18	-	44	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	7	15	15	-	44	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	7	9	24	-	45	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	7	15	18	-	45	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	7	7	24	-	45	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	9	9	18	-	45	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	9	12	15	-	45	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	9	12	12	-	45	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	5	12	24	-	46	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	5	18	18	-	46	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	9	12	18	-	46	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	9	15	15	-	46	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	12	12	15	-	46	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	9	9	24	-	47	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	9	15	18	-	47	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	12	12	18	-	47	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	12	15	15	-	47	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	7	9	24	-	47	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	7	15	18	-	47	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	7	12	24	-	48	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	9	12	18	-	48	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	9	15	15	-	48	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	9	12	15	-	48	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	12	12	12	12	-	48	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	5	15	24	-	49	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	9	9	24	-	49	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	9	15	18	-	49	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	12	12	18	-	49	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	12	15	15	-	49	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	9	12	24	-	50	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	9	18	18	-	50	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	12	15	18	-	50	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	15	15	15	-	50	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	7	12	24	-	50	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	7	18	18	-	50	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	7	15	24	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	9	9	24	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	9	15	18	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	9	12	18	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	9	12	15	15	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	12	12	12	15	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	5	5	18	24	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	9	12	24	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
	7	9	18	18	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328
7	12	15	18	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
7	15	15	15	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
5	9	15	24	-	53	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
5	12	12	24	-	53	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
5	15	18	18	-	53	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
7	7	15	24	-	53	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
9	9	12	24	-	54	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
9	9	18	18	-	54	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
9	12	15	18	-	54	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
9	15	15	15	-	54	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
12	12	12	18	-	54	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
7	9	15	24	-	55	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
7	12	12	24	-	55	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
7	15	18	18	-	55	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
5	9	18	24	-	56	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
5	12	15	24	-	56	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
5	15	18	18	-	56	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
7	7	18	24	-	56	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
9	9	15	24	-	57	27,500	8.06	38,200	11.20	45,600	13.36	2,052	3,246	5,328	
9	9	15	18	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
9	12	12	18	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
9	12	15	15	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
12	12	12	15	-	51	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
5	5	18	24	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
7	9	12	24	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
7	9	18	18	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
7	12	15	18	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
7	15	15	15	-	52	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
5	9	15	24	-	53	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
5	12	12	24	-	53	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
5	15	18	18	-	53	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
7	7	18	24	-	53	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	
9	9	15	24	-	53	27,500	8.06	38,200	11.20	45,600	13.36	2,080	3,290	5,400	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



MU5R40

OPERATION	COOLING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	7	7	15	24	-	53	27,500	8.06	38,200	11.20	45,600	13.36			



MU5R40

OPERATION	COOLING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
5	5	5	5	5	5	25	21000	6.15	25000	7.33	36000	10.55	1,421	1,845	3,049
5	5	5	5	5	7	27	22000	6.45	27000	7.91	38000	11.14	1,451	1,993	3,375
5	5	5	5	5	9	29	23000	6.74	29000	8.50	40000	11.72	1,539	2,151	3,700
5	5	5	5	5	7	29	23000	6.74	29000	8.50	40000	11.72	1,539	2,151	3,700
5	5	5	5	5	9	31	24000	7.03	31000	9.09	42000	12.31	1,618	2,299	4,026
5	5	5	5	5	7	31	24000	7.03	31000	9.09	42000	12.31	1,618	2,299	4,026
5	5	5	5	5	12	32	24500	7.18	32000	9.38	43000	12.60	1,668	2,378	4,194
5	5	5	5	5	9	33	25000	7.33	33000	9.67	44000	12.90	1,707	2,457	4,352
5	5	5	5	5	7	33	25000	7.33	33000	9.67	44000	12.90	1,707	2,457	4,352
5	5	5	5	5	7	33	25000	7.33	33000	9.67	44000	12.90	1,707	2,457	4,352
5	5	5	5	5	12	34	25500	7.47	34000	9.96	45000	13.19	1,747	2,526	4,519
5	5	5	5	5	15	35	26000	7.62	35000	10.26	46000	13.48	1,786	2,605	4,677
5	5	5	5	5	9	35	26000	7.62	35000	10.26	46000	13.48	1,786	2,605	4,677
5	5	5	5	5	7	35	26000	7.62	35000	10.26	46000	13.48	1,786	2,605	4,677
5	5	5	5	5	9	35	26000	7.62	35000	10.26	46000	13.48	1,786	2,605	4,677
5	5	5	5	5	12	36	26500	7.77	36000	10.55	47000	13.77	1,825	2,684	4,845
5	5	5	5	5	7	36	26500	7.77	36000	10.55	47000	13.77	1,825	2,684	4,845
5	5	5	5	5	15	37	27000	7.91	37000	10.84	48000	14.07	1,875	2,763	5,003
5	5	5	5	5	9	37	27000	7.91	37000	10.84	48000	14.07	1,875	2,763	5,003
5	5	5	5	5	7	37	27000	7.91	37000	10.84	48000	14.07	1,875	2,763	5,003
5	5	5	5	5	18	38	27500	8.06	38000	11.14	49000	14.36	1,914	2,832	5,171
5	5	5	5	5	9	38	27500	8.06	38000	11.14	49000	14.36	1,914	2,832	5,171
5	5	5	5	5	7	38	27500	8.06	38000	11.14	49000	14.36	1,914	2,832	5,171
5	5	5	5	5	15	39	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	39	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	39	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	39	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	18	40	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	40	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	40	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	40	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	15	41	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	41	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	41	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	41	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	18	42	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	42	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	42	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	42	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	42	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	42	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	42	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	43	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	43	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	43	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	43	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	43	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	43	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	43	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	43	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	43	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	44	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	44	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	44	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	44	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	15	45	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	45	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	45	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	45	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	45	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	45	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	45	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	45	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	46	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	46	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	46	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	46	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	46	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	46	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	47	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	15	48	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	48	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	48	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	48	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	48	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	9	48	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	12	48	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328
5	5	5	5	5	7	48	28000	8.21	38200	11.20	50000	14.65	1,954	2,911	5,328

- Note
- Capacities are based on the following



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OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.
						Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.	
2 UNIT	5	5	-	-	-	10	11,400	3.34	12,000	3.52	18,840	5.52	627	817	1,502
	5	7	-	-	-	12	11,847	3.47	14,400	4.22	20,851	6.11	694	1,008	1,768
	5	9	-	-	-	14	12,294	3.60	16,800	4.92	22,862	6.70	760	1,198	2,025
	7	7	-	-	-	14	12,294	3.60	16,800	4.92	22,862	6.70	760	1,198	2,025
	7	9	-	-	-	16	12,742	3.73	19,200	5.63	24,873	7.29	827	1,397	2,291
	5	12	-	-	-	17	12,965	3.80	20,400	5.98	25,879	7.58	856	1,492	2,424
	9	9	-	-	-	18	13,189	3.87	21,600	6.33	26,884	7.88	884	1,597	2,557
	7	12	-	-	-	19	13,413	3.93	22,800	6.68	27,890	8.17	922	1,711	2,690
	5	15	-	-	-	20	13,636	4.00	24,000	7.03	28,895	8.47	951	1,816	2,814
	9	12	-	-	-	21	13,860	4.06	25,200	7.39	29,901	8.76	989	1,930	2,947
	7	15	-	-	-	22	14,083	4.13	26,400	7.74	30,906	9.06	1,017	2,044	3,080
	5	18	-	-	-	23	14,307	4.19	27,600	8.09	31,912	9.35	1,055	2,158	3,213
	9	15	-	-	-	24	14,531	4.26	28,800	8.44	32,917	9.65	1,084	2,281	3,346
	12	12	-	-	-	24	14,531	4.26	28,800	8.44	32,917	9.65	1,084	2,281	3,346
	7	18	-	-	-	25	14,754	4.32	30,000	8.79	33,923	9.94	1,112	2,405	3,479
	9	18	-	-	-	27	15,202	4.46	32,400	9.50	35,934	10.53	1,179	2,652	3,745
	12	15	-	-	-	27	15,202	4.46	32,400	9.50	35,934	10.53	1,179	2,652	3,745
	5	24	-	-	-	29	15,649	4.59	34,800	10.20	37,945	11.12	1,245	2,918	4,002
	12	18	-	-	-	30	15,872	4.65	36,000	10.55	38,950	11.42	1,274	3,061	4,135
	15	15	-	-	-	30	15,872	4.65	36,000	10.55	38,950	11.42	1,274	3,061	4,135
9	24	-	-	-	31	16,096	4.72	37,200	10.90	39,956	11.71	1,312	3,203	4,268	
7	24	-	-	-	33	16,543	4.85	39,600	11.61	41,967	12.30	1,378	3,489	4,534	
15	18	-	-	-	33	16,543	4.85	39,600	11.61	41,967	12.30	1,378	3,489	4,534	
18	18	-	-	-	36	17,214	5.05	42,000	12.31	44,983	13.18	1,473	3,802	4,924	
12	24	-	-	-	36	17,214	5.05	42,000	12.31	44,983	13.18	1,473	3,802	4,924	
15	24	-	-	-	39	17,885	5.24	42,700	12.51	48,000	14.07	1,568	3,897	5,323	
18	24	-	-	-	42	17,885	5.24	42,700	12.51	48,000	14.07	1,568	3,897	5,323	
24	24	-	-	-	48	17,885	5.24	42,700	12.51	48,000	14.07	1,568	3,897	5,323	
3 UNIT	5	5	5	-	-	15	15,000	4.40	18,000	5.28	27,600	8.09	751	1,169	2,167
	5	5	7	-	-	17	15,706	4.60	20,400	5.98	29,467	8.64	837	1,350	2,443
	5	5	9	-	-	19	16,412	4.81	22,800	6.68	31,333	9.18	913	1,530	2,700
	5	7	7	-	-	19	16,412	4.81	22,800	6.68	31,333	9.18	913	1,530	2,700
	7	7	7	-	-	21	17,119	5.02	25,200	7.39	33,200	9.73	998	1,711	2,956
	5	7	9	-	-	21	17,119	5.02	25,200	7.39	33,200	9.73	998	1,711	2,956
	5	5	12	-	-	22	17,472	5.12	26,400	7.74	34,133	10.00	1,036	1,806	3,089
	5	5	9	-	-	23	17,825	5.22	27,600	8.09	35,067	10.28	1,074	1,901	3,213
	7	7	9	-	-	23	17,825	5.22	27,600	8.09	35,067	10.28	1,074	1,901	3,213
	5	7	12	-	-	24	18,178	5.33	28,800	8.44	36,000	10.55	1,122	1,996	3,346
	5	5	15	-	-	25	18,531	5.43	30,000	8.79	36,933	10.82	1,160	2,101	3,479
	7	9	9	-	-	25	18,531	5.43	30,000	8.79	36,933	10.82	1,160	2,101	3,479
	5	9	12	-	-	26	18,884	5.53	31,200	9.14	37,867	11.10	1,198	2,196	3,603
	7	7	12	-	-	26	18,884	5.53	31,200	9.14	37,867	11.10	1,198	2,196	3,603
	5	7	15	-	-	27	19,237	5.64	32,400	9.50	38,800	11.37	1,236	2,300	3,726
	9	9	9	-	-	27	19,237	5.64	32,400	9.50	38,800	11.37	1,236	2,300	3,726
	5	5	18	-	-	28	19,590	5.74	33,600	9.85	39,733	11.65	1,283	2,405	3,859
	7	9	12	-	-	28	19,590	5.74	33,600	9.85	39,733	11.65	1,283	2,405	3,859
	5	9	15	-	-	29	19,943	5.85	34,800	10.20	40,667	11.92	1,321	2,510	3,983
	5	12	12	-	-	29	19,943	5.85	34,800	10.20	40,667	11.92	1,321	2,510	3,983
	7	7	15	-	-	29	19,943	5.85	34,800	10.20	40,667	11.92	1,321	2,510	3,983
	5	7	18	-	-	30	20,296	5.95	36,000	10.55	41,600	12.19	1,359	2,614	4,116
	9	9	12	-	-	30	20,296	5.95	36,000	10.55	41,600	12.19	1,359	2,614	4,116
	7	9	15	-	-	31	20,649	6.05	37,200	10.90	42,533	12.47	1,397	2,728	4,249
	7	12	12	-	-	31	20,649	6.05	37,200	10.90	42,533	12.47	1,397	2,728	4,249
	5	9	18	-	-	32	21,002	6.16	38,400	11.25	43,467	12.74	1,445	2,842	4,373
	5	12	15	-	-	32	21,002	6.16	38,400	11.25	43,467	12.74	1,445	2,842	4,373
	7	7	18	-	-	32	21,002	6.16	38,400	11.25	43,467	12.74	1,445	2,842	4,373
	9	9	15	-	-	33	21,356	6.26	39,600	11.61	44,400	13.01	1,483	2,947	4,506
	9	12	12	-	-	33	21,356	6.26	39,600	11.61	44,400	13.01	1,483	2,947	4,506
	5	5	24	-	-	34	21,709	6.36	40,800	11.96	45,333	13.29	1,521	3,061	4,629
	7	9	18	-	-	34	21,709	6.36	40,800	11.96	45,333	13.29	1,521	3,061	4,629
	5	12	15	-	-	34	21,709	6.36	40,800	11.96	45,333	13.29	1,521	3,061	4,629
	7	12	18	-	-	35	22,062	6.47	42,000	12.31	46,267	13.56	1,559	3,175	4,762
	5	15	15	-	-	35	22,062	6.47	42,000	12.31	46,267	13.56	1,559	3,175	4,762
	5	7	24	-	-	36	22,415	6.57	42,000	12.31	47,200	13.83	1,606	3,175	4,886
	9	9	18	-	-	36	22,415	6.57	42,000	12.31	47,200	13.83	1,606	3,175	4,886
	9	12	15	-	-	36	22,415	6.57	42,000	12.31	47,200	13.83	1,606	3,175	4,886
	12	12	12	-	-	36	22,415	6.57	42,000	12.31	47,200	13.83	1,606	3,175	4,886
	7	12	18	-	-	37	22,768	6.67	42,000	12.31	48,133	14.11	1,644	3,175	5,019
	7	15	15	-	-	37	22,768	6.67	42,000	12.31	48,133	14.11	1,644	3,175	5,019
	5	9	24	-	-	38	23,121	6.78	42,000	12.31	49,067	14.38	1,683	3,175	5,143
	5	15	18	-	-	38	23,121	6.78	42,000	12.31	49,067	14.38	1,683	3,175	5,143
	7	7	24	-	-	38	23,121	6.78	42,000	12.31	49,067	14.38	1,683	3,175	5,143
	9	12	18	-	-	39	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276
	9	15	15	-	-	39	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276
	12	12	15	-	-	39	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276
	7	9	24	-	-	40	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276
7	15	18	-	-	40	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
5	12	24	-	-	41	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
5	18	18	-	-	41	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
9	9	24	-	-	42	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
9	15	18	-	-	42	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
12	12	18	-	-	42	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
12	15	15	-	-	42	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
7	12	24	-	-	43	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
7	18	18	-	-	43	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
5	15	24	-	-	44	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
9	12	24	-	-	45	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	
9	18	18	-	-	45	23,474	6.88	42,700	12.51	50,000	14.65	1,721	3,260	5,276	

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



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OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
	5	5	5	12	15	42	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	7	7	18	42	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	9	9	12	42	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	9	9	12	42	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	12	43	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	12	43	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	12	43	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	12	43	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	12	43	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	9	15	43	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	12	12	43	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	7	7	15	43	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	9	9	9	9	43	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	5	5	24	44	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	7	9	18	44	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	7	12	15	44	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	7	18	44	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	9	9	9	12	44	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	5	12	12	45	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	5	15	15	45	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	9	15	45	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	9	12	12	45	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	9	9	15	45	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	7	12	12	45	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	9	9	9	9	9	45	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	15	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	15	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	15	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	5	7	24	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	9	18	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	12	12	12	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	9	18	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	12	15	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	7	7	18	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	9	9	9	12	46	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	7	15	15	47	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	9	9	12	12	47	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	9	9	12	12	47	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	9	9	15	47	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	9	12	12	47	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	5	9	24	48	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	5	15	18	48	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	7	7	24	48	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	9	9	18	48	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	9	12	15	48	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	7	9	18	48	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	7	12	15	48	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	9	9	9	9	12	48	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	18	49	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	12	18	49	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	15	15	49	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	12	12	15	49	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	12	18	49	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	15	15	49	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	9	9	9	15	49	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	7	9	24	50	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	7	15	18	50	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	7	24	50	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	9	9	9	18	50	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	9	9	12	15	50	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	9	12	12	12	50	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	9	9	18	50	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	9	12	15	50	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	5	12	24	51	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	5	18	18	51	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	9	12	18	51	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	9	15	15	51	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	12	12	15	51	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	7	12	18	51	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	7	15	15	51	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	9	9	9	9	15	51	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	9	9	9	12	12	51	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	9	24	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	9	15	18	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	12	12	18	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	12	15	15	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	9	24	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	7	7	15	18	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	7	7	7	24	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	9	9	9	18	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	9	9	12	15	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	7	9	12	12	12	52	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5	5	7	12	24	53	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086

- Note
- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
 - At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
 - Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



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OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN. Btu/h	kW	RATED Btu/h	kW	MAX. Btu/h	kW	MIN.	RATED	MAX.
	5	5	7	18	18	53	31298	9.17	42,700	12.51	54,500	15.97	1968	2928	5086
	5														



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OPERATION	HEATING															
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	MIN.		RATED		MAX.		MIN.	RATED	MAX.	
						Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.		
5 UNIT	5	9	9	15	24	62	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	9	12	12	24	62	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	9	12	18	18	62	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	9	15	15	18	62	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	12	12	15	18	62	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	12	15	15	15	62	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	7	9	15	24	62	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	7	12	12	24	62	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	7	15	15	18	62	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	5	5	24	24	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	7	9	18	24	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	7	12	15	24	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	7	15	18	18	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	7	7	18	24	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	9	9	9	12	24	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	9	9	9	18	18	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	9	9	15	15	15	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	9	12	12	12	18	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	9	12	12	15	15	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	12	12	12	12	15	63	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	5	5	12	18	24	64	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086
	5	5	5	15	15	24	64	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086
	5	5	18	18	18	64	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	9	9	15	24	64	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	9	12	12	24	64	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	9	12	18	18	64	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	9	15	15	18	64	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	12	12	15	18	64	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	12	15	15	15	64	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	5	7	24	24	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	9	9	18	24	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	9	12	15	24	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	9	15	18	18	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	12	12	12	24	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	12	12	18	18	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	12	15	15	18	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	15	15	15	15	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	7	9	18	24	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	7	7	15	18	18	65	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	7	12	18	24	66	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	7	15	15	24	66	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	5	7	18	18	18	66	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	9	9	9	15	24	66	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	9	9	12	12	24	66	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
	9	9	15	15	18	66	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086	
9	12	12	15	18	66	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
12	12	12	12	18	66	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
12	12	12	15	15	66	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	5	9	24	24	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	5	15	18	24	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	7	7	24	24	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	9	9	18	24	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	9	12	15	24	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	9	15	18	18	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	12	12	12	24	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	12	12	18	18	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	12	15	15	18	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	15	15	15	15	67	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	9	12	18	24	68	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	9	12	18	24	68	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	9	15	15	24	68	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	9	18	18	18	68	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	12	12	15	24	68	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	12	15	18	18	68	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	15	15	15	18	68	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	7	15	15	24	68	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	7	18	18	18	68	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	7	9	24	24	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	7	15	18	24	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	7	7	24	24	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
9	9	9	18	24	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
9	9	15	18	18	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
9	12	12	12	24	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
9	12	12	18	18	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
9	12	15	15	18	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
9	15	15	15	15	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
12	12	12	15	18	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
12	12	15	15	15	69	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	5	12	24	24	70	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	5	18	18	24	70	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	9	12	18	24	70	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	9	15	15	24	70	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	9	18	18	18	70	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	12	12	15	24	70	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	12	15	18	18	70	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
7	15	15	15	18	70	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		
5	9	9	24	24	71	31298	9.17	42700	12.51	54500	15.97	1968	2928	5086		

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



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OPERATION	HEATING														
	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY								

R410A MULTI SPLIT



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

OUTDOOR				FM40AH.U34
Compressor	Type	-		Scroll
Capacity**	Cooling	Min. / Nom. / Max.	kW	2.8 / 12.3 / 15.4
	Heating	Min. / Nom. / Max.	kW	3.1 / 13.5 / 16.2
Low Temperature Capacity	Heating	Max.	kW	12.5
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.82 / 2.42 / 4.90
	Heating	Min. / Nom. / Max.	kW	0.89 / 2.87 / 5.10
Running Current**	Cooling	Min. / Nom. / Max.	A	3.7 / 11.0 / 22.2
	Heating	Min. / Nom. / Max.	A	4.0 / 13.0 / 23.1
EER				5.08
COP				4.70
SEER				7.40
SCOP				4.20
Pdesign (@-10°C)			kW	8.6
Seasonal Energy Label (A++ to E Scale)	Cooling / Heating	-		- / -
Annual Energy Consumption	Cooling / Heating		kWh	981 / 2,867
Air Flow Rate		Nom.	m ³ /min x No.	110
Sound Pressure Level*	Cooling	Nom.	dB(A)	51
	Heating	Nom.	dB(A)	53
Sound Power Level	Cooling	Max.	dB(A)	69
	Heating	Max.	dB(A)	70
Dimensions		W x H x D	mm	950 x 1,380 x 330
Net Weight			kg	87
Refrigerant	Type			R410A
	Charge		kg	4.2
	Additional Charging Volume		g/m	20
	GWP (Global Warming Potential)			2,087.5
	t-CO ₂ eq			8.768
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48
	Heating	Min. / Max.	°C WB	-25 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Supply Cable			No. x mm ²	3C x 4.0
Transmission Cable	ODU-BD		No. x mm ²	4C x 1.25
	BD-IDU		No. x mm ²	4C x 0.75
Circuit Breaker			A	40
Max Piping Length	Total Piping (Main+Total Branch)		m	125
	Main Piping		m	55
	Total Branch Piping		m	70
	Each Branch Piping		m	15
Piping Elevation Difference	IDU-ODU	Max.	m	30
	IDU-IDU	Max.	m	15
Piping Connections	Liquid		mm (inch) x No.	Ø9.52 x 1
	Gas		mm (inch) x No.	Ø19.05 x1

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

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

Note : 1. Capacities are based on the following conditions:

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

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

Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.

2. ** : See page "Combination Table".

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

4. At least two indoor units should be connected.

5. Minimum combination capacity rate should be more than 40%.

6. This product contains fluorinated greenhouse gases. (R410A)



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

OUTDOOR				FM48AH.U34	FM56AH.U34
Compressor	Type	-	Scroll	Scroll	
Capacity**	Cooling	Min. / Nom. / Max.	3.3 / 14.1 / 17.0	4.0 / 15.5 / 18.5	
	Heating	Min. / Nom. / Max.	3.7 / 16.0 / 17.3	4.5 / 17.4 / 18.8	
Low Temperature Capacity	Heating	Max.	14.5	15.5	
Power Input**	Cooling	Min. / Nom. / Max.	0.96 / 3.12 / 5.30	1.18 / 3.87 / 5.60	
	Heating	Min. / Nom. / Max.	1.06 / 3.76 / 5.40	1.29 / 4.34 / 5.80	
Running Current**	Cooling	Min. / Nom. / Max.	4.4 / 14.1 / 24.0	5.3 / 17.5 / 25.4	
	Heating	Min. / Nom. / Max.	4.8 / 17.0 / 24.5	5.9 / 19.7 / 26.3	
EER			4.51	4.01	
COP			4.25	4.01	
SEER			7.20	6.90	
SCOP			4.20	4.20	
Pdesign(@-10°C)		kW	9.5	9.5	
Seasonal Energy Label (A++ to E Scale)	Cooling / Heating	-	- / -	- / -	
Annual Energy Consumption	Cooling / Heating	kWh	1,167 / 3,167	1,348 / 3,167	
Air Flow Rate	Nom.	m ³ /min x No.	110	110	
Sound Pressure Level*	Cooling	Nom.	53	53	
	Heating	Nom.	55	55	
Sound Power Level	Cooling	Max.	71	73	
	Heating	Max.	72	74	
Dimensions	W x H x D	mm	950 x 1,380 x 330	950 x 1,380 x 330	
Net Weight		kg	87	87	
Refrigerant	Type	-	R410A	R410A	
	Charge	kg	4.2	4.2	
	Additional Charging Volume	g/m	20	20	
	GWP (Global Warming Potential)	-	2,087.5	2,087.5	
	t-CO ₂ eq	-	8,768	8,768	
Operation Range (Outdoor)	Cooling	Min. / Max.	-10 / 48	-10 / 48	
	Heating	Min. / Max.	-25 / 18	-25 / 18	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Power Supply Cable		No. x mm ²	3C x 4.0	3C x 4.0	
Transmission Cable	ODU-BD	No. x mm ²	4C x 1.25	4C x 1.25	
	BD-IDU	No. x mm ²	4C x 0.75	4C x 0.75	
Circuit Breaker		A	40	40	
Max Piping Length	Total Piping (Main+Total Branch)	m	135	145	
	Main Piping	m	55	55	
	Total Branch Piping	m	80	90	
	Each Branch Piping	m	15	15	
Piping Elevation Difference	IDU-ODU	Max.	30	30	
	IDU-IDU	Max.	15	15	
Piping Connections	Liquid	mm (inch) x No.	Ø9.52 x 1	Ø9.52 x 1	
	Gas	mm (inch) x No.	Ø19.05 x1	Ø19.05 x1	

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

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

Note : 1. Capacities are based on the following conditions:

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

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

Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.

2. ** : See page "Combination Table".

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

4. At least two indoor units should be connected.

5. Minimum combination capacity rate should be more than 40%.

6. This product contains fluorinated greenhouse gases. (R410A)



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

OUTDOOR				FM41AH.U34	FM49AH.U34	FM57AH.U34
Compressor	Type	-	Scroll	Scroll	Scroll	
Capacity**	Cooling	Min. / Nom. / Max.	2.8 / 12.3 / 15.4	3.3 / 14.1 / 17.0	4.0 / 15.5 / 18.5	
	Heating	Min. / Nom. / Max.	3.1 / 13.5 / 16.2	3.7 / 16.0 / 17.3	4.5 / 17.4 / 18.8	
Low Temperature Capacity	Heating	Max.	12.5	14.5	15.5	
Power Input**	Cooling	Min. / Nom. / Max.	0.82 / 2.42 / 4.90	0.96 / 3.12 / 5.30	1.18 / 3.87 / 5.60	
	Heating	Min. / Nom. / Max.	0.89 / 2.87 / 5.10	1.06 / 3.76 / 5.40	1.29 / 4.34 / 5.80	
Running Current**	Cooling	Min. / Nom. / Max.	1.2 / 3.6 / 7.4	1.4 / 4.7 / 8.0	1.8 / 5.8 / 8.4	
	Heating	Min. / Nom. / Max.	1.3 / 4.3 / 7.7	1.6 / 5.7 / 8.1	1.9 / 6.5 / 8.7	
EER			5.08	4.51	4.01	
COP			4.70	4.25	4.01	
SEER			7.40	7.20	6.90	
SCOP			4.20	4.20	4.20	
Pdesign(@-10°C)		kW	8.6	9.5	9.5	
Seasonal Energy Label (A++ to E Scale)	Cooling / Heating	-	- / -	- / -	- / -	
Annual Energy Consumption	Cooling / Heating	kWh	981 / 2,867	1,167 / 3,167	1,348 / 3,167	
Air Flow Rate	Nom.	m ³ /min x No.	110	110	110	
Sound Pressure Level*	Cooling	Nom.	51	53	53	
	Heating	Nom.	53	55	55	
Sound Power Level	Cooling	Max.	69	71	73	
	Heating	Max.	70	72	74	
Dimensions	W x H x D	mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330	
Net Weight		kg	87	87	87	
Refrigerant	Type	-	R410A	R410A	R410A	
	Charge	kg	4.2	4.2	4.2	
	Additional Charging Volume	g/m	20	20	20	
	GWP (Global Warming Potential)	-	2,087.5	2,087.5	2,087.5	
	t-CO ₂ eq	-	8,768	8,768	8,768	
Operation Range (Outdoor)	Cooling	Min. / Max.	-10 / 48	-10 / 48	-10 / 48	
	Heating	Min. / Max.	-25 / 18	-25 / 18	-25 / 18	
Power Supply		Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	
Power Supply Cable		No. x mm ²	5C x 2.5	5C x 2.5	5C x 2.5	
Transmission Cable	ODU-BD	No. x mm ²	4C x 1.25	4C x 1.25	4C x 1.25	
	BD-IDU	No. x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	
Circuit Breaker		A	20	20	20	
Max Piping Length	Total Piping (Main+Total Branch)	m	125	135	145	
	Main Piping	m	55	55	55	
	Total Branch Piping	m	70	80	90	
	Each Branch Piping	m	15	15	15	
Piping Elevation Difference	IDU-ODU	Max.	30	30	30	
	IDU-IDU	Max.	15	15	15	
Piping Connections	Liquid	mm (inch) x No.	Ø9.52 x 1	Ø9.52 x 1	Ø9.52 x 1	
	Gas	mm (inch) x No.	Ø19.05 x1	Ø19.05 x1	Ø19.05 x1	

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

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

Note : 1. Capacities are based on the following conditions:

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

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

Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.

2. ** : See page "Combination Table".

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

4. At least two indoor units should be connected.

5. Minimum combination capacity rate should be more than 40%.

6. This product contains fluorinated greenhouse gases. (R410A)



FM40AH / FM41AH

TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	COOLING						INPUT(W)		
	MIN.		RATED		MAX.				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
16	9,600	2.81	16,000	4.69	20,800	6.10	820	902	1,713
17	10,200	2.99	17,000	4.98	21,250	6.23	863	959	1,757
18	10,800	3.17	18,000	5.28	22,500	6.59	904	1,016	1,869
19	11,400	3.34	19,000	5.57	23,750	6.96	945	1,074	1,982
20	12,000	3.52	20,000	5.86	25,000	7.33	984	1,131	2,096
21	12,600	3.69	21,000	6.15	26,250	7.69	1,023	1,188	2,211
22	13,200	3.87	22,000	6.45	27,500	8.06	1,061	1,246	2,327
23	13,800	4.04	23,000	6.74	28,750	8.43	1,099	1,304	2,445
24	14,400	4.22	24,000	7.03	30,000	8.79	1,136	1,362	2,563
25	15,000	4.40	25,000	7.33	31,250	9.16	1,172	1,419	2,682
26	15,600	4.57	26,000	7.62	32,500	9.53	1,207	1,477	2,803
27	16,200	4.75	27,000	7.91	33,750	9.89	1,242	1,536	2,925
28	16,800	4.92	28,000	8.21	35,000	10.26	1,276	1,594	3,047
29	17,400	5.10	29,000	8.50	36,250	10.62	1,309	1,652	3,171
30	18,000	5.28	30,000	8.79	37,500	10.99	1,342	1,710	3,297
31	18,600	5.45	31,000	9.09	38,750	11.36	1,374	1,769	3,423
32	19,200	5.63	32,000	9.38	40,000	11.72	1,406	1,827	3,551
33	19,800	5.80	33,000	9.67	41,250	12.09	1,437	1,886	3,680
34	20,400	5.98	34,000	9.96	42,500	12.46	1,468	1,945	3,810
35	21,000	6.15	35,000	10.26	43,750	12.82	1,498	2,004	3,942
36	21,600	6.33	36,000	10.55	45,000	13.19	1,527	2,063	4,074
37	22,200	6.51	37,000	10.84	46,250	13.56	1,556	2,122	4,209
38	22,800	6.68	38,000	11.14	47,500	13.92	1,585	2,181	4,344
39	23,400	6.86	39,000	11.43	48,750	14.29	1,613	2,240	4,481
40	24,000	7.03	40,000	11.72	50,000	14.65	1,640	2,299	4,619
41	24,600	7.21	41,000	12.02	51,250	15.02	1,667	2,359	4,759
42	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
43	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
44	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
45	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
46	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
47	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
48	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
49	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
50	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
51	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
52	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
53	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
54	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
55	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
56	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
57	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
58	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
59	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
60	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
61	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
62	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
63	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
64	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
65	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
66	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
67	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
68	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
69	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
70	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
71	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
72	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



FM40AH / FM41AH

TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	HEATING						INPUT(W)		
	MIN.		RATED		MAX.				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
16	10,560	3.09	17,600	5.16	22,880	6.71	890	1,080	2,080
17	11,215	3.29	18,700	5.48	23,375	6.85	939	1,147	2,129
18	11,871	3.48	19,800	5.80	24,750	7.25	988	1,216	2,255
19	12,526	3.67	20,900	6.13	26,125	7.66	1,036	1,284	2,382
20	13,182	3.86	22,000	6.45	27,500	8.06	1,084	1,352	2,509
21	13,837	4.06	23,100	6.77	28,875	8.46	1,131	1,421	2,636
22	14,492	4.25	24,200	7.09	30,250	8.87	1,178	1,490	2,763
23	15,148	4.44	25,300	7.42	31,625	9.27	1,224	1,558	2,891
24	15,803	4.63	26,400	7.74	33,000	9.67	1,269	1,627	3,018
25	16,458	4.82	27,500	8.06	34,375	10.07	1,314	1,696	3,146
26	17,114	5.02	28,600	8.38	35,750	10.48	1,359	1,765	3,274
27	17,769	5.21	29,700	8.70	37,125	10.88	1,403	1,834	3,401
28	18,425	5.40	30,800	9.03	38,500	11.28	1,446	1,903	3,530
29	19,080	5.59	31,900	9.35	39,875	11.69	1,489	1,972	3,658
30	19,735	5.78	33,000	9.67	41,250	12.09	1,532	2,042	3,786
31	20,391	5.98	34,100	9.99	42,625	12.49	1,574	2,111	3,915
32	21,046	6.17	35,200	10.32	44,000	12.90	1,615	2,181	4,044
33	21,702	6.36	36,300	10.64	45,375	13.30	1,657	2,250	4,172
34	22,357	6.55	37,400	10.96	46,750	13.70	1,697	2,320	4,301
35	23,012	6.74	38,500	11.28	48,125	14.10	1,737	2,390	4,431
36	23,668	6.94	39,600	11.61	49,500	14.51	1,777	2,460	4,560
37	24,323	7.13	40,700	11.93	50,875	14.91	1,817	2,530	4,689
38	24,978	7.32	41,800	12.25	52,250	15.31	1,856	2,600	4,819
39	25,634	7.51	42,900	12.57	53,625	15.72	1,894	2,670	4,949
40	26,289	7.70	44,000	12.90	54,150	15.87	1,932	2,740	5,000
41	26,945	7.90	45,100	13.22	54,675	16.02	1,970	2,811	5,052
42	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
43	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
44	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
45	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
46	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
47	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
48	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
49	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
50	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
51	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
52	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
53	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
54	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
55	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
56	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
57	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
58	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
59	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
60	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
61	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
62	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
63	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
64	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
65	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
66	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
67	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
68	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
69	27,600	8.09	46,000	13.48	55,200	1			



FM48AH / FM49AH

TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	COOLING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.		MIN.	RATED	MAX.
	Btu/h	kW	Btu/h	kW	Btu/h	kW			
19	11,400	3.34	19,000	5.57	23,750	6.96	963	1,084	1,973
20	12,000	3.52	20,000	5.86	25,000	7.33	1,010	1,146	2,084
21	12,600	3.69	21,000	6.15	26,250	7.69	1,056	1,209	2,195
22	13,200	3.87	22,000	6.45	27,500	8.06	1,102	1,272	2,307
23	13,800	4.04	23,000	6.74	28,750	8.43	1,148	1,335	2,419
24	14,400	4.22	24,000	7.03	30,000	8.79	1,193	1,399	2,532
25	15,000	4.40	25,000	7.33	31,250	9.16	1,238	1,464	2,646
26	15,600	4.57	26,000	7.62	32,500	9.53	1,283	1,529	2,760
27	16,200	4.75	27,000	7.91	33,750	9.89	1,327	1,595	2,876
28	16,800	4.92	28,000	8.21	35,000	10.26	1,371	1,661	2,992
29	17,400	5.10	29,000	8.50	36,250	10.62	1,415	1,728	3,108
30	18,000	5.28	30,000	8.79	37,500	10.99	1,458	1,795	3,226
31	18,600	5.45	31,000	9.09	38,750	11.36	1,501	1,863	3,344
32	19,200	5.63	32,000	9.38	40,000	11.72	1,544	1,932	3,463
33	19,800	5.80	33,000	9.67	41,250	12.09	1,586	2,001	3,583
34	20,400	5.98	34,000	9.96	42,500	12.46	1,628	2,071	3,704
35	21,000	6.15	35,000	10.26	43,750	12.82	1,670	2,141	3,825
36	21,600	6.33	36,000	10.55	45,000	13.19	1,712	2,213	3,947
37	22,200	6.51	37,000	10.84	46,250	13.56	1,753	2,284	4,070
38	22,800	6.68	38,000	11.14	47,500	13.92	1,794	2,357	4,194
39	23,400	6.86	39,000	11.43	48,750	14.29	1,834	2,430	4,319
40	24,000	7.03	40,000	11.72	50,000	14.65	1,874	2,504	4,444
41	24,600	7.21	41,000	12.02	51,250	15.02	1,914	2,578	4,570
42	25,200	7.39	42,000	12.31	52,500	15.39	1,954	2,653	4,697
43	25,800	7.56	43,000	12.60	53,750	15.66	1,994	2,729	4,825
44	26,400	7.74	44,000	12.90	55,000	15.92	2,033	2,806	4,954
45	27,000	7.91	45,000	13.19	56,250	16.19	2,072	2,883	5,083
46	27,600	8.09	46,000	13.48	57,500	16.46	2,110	2,961	5,212
47	28,200	8.26	47,000	13.77	58,750	16.73	2,149	3,040	5,341
48	28,800	8.44	48,000	14.07	60,000	17.00	2,188	3,120	5,470
49	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
50	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
51	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
52	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
53	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
54	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
55	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
56	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
57	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
58	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
59	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
60	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
61	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
62	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
63	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
64	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
65	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
66	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
67	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
68	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
69	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
70	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
71	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
72	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
73	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
74	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
75	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
76	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
77	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
78	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



FM48AH / FM49AH

TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	HEATING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.		MIN.	RATED	MAX.
	Btu/h	kW	Btu/h	kW	Btu/h	kW			
19	12,636	3.70	21,059	6.17	26,266	7.70	1,060	1,305	2,392
20	13,328	3.91	22,213	6.51	27,395	8.03	1,116	1,381	2,495
21	14,019	4.11	23,366	6.85	28,524	8.36	1,172	1,458	2,599
22	14,711	4.31	24,519	7.19	29,653	8.69	1,228	1,535	2,702
23	15,403	4.51	25,672	7.52	30,781	9.02	1,284	1,613	2,806
24	16,095	4.72	26,825	7.86	31,910	9.35	1,340	1,692	2,909
25	16,787	4.92	27,978	8.20	33,039	9.68	1,396	1,771	3,012
26	17,479	5.12	29,131	8.54	34,168	10.01	1,451	1,850	3,116
27	18,171	5.33	30,284	8.88	35,296	10.34	1,507	1,930	3,220
28	18,863	5.53	31,438	9.21	36,425	10.68	1,562	2,011	3,323
29	19,555	5.73	32,591	9.55	37,554	11.01	1,617	2,093	3,427
30	20,246	5.93	33,744	9.89	38,683	11.34	1,672	2,174	3,530
31	20,938	6.14	34,897	10.23	39,811	11.67	1,726	2,257	3,634
32	21,630	6.34	36,050	10.57	40,940	12.00	1,781	2,340	3,738
33	22,322	6.54	37,203	10.90	42,069	12.33	1,835	2,424	3,842
34	23,014	6.74	38,356	11.24	43,198	12.66	1,889	2,508	3,946
35	23,706	6.95	39,509	11.58	44,326	12.99	1,943	2,593	4,049
36	24,398	7.15	40,663	11.92	45,455	13.32	1,997	2,679	4,153
37	25,089	7.35	41,816	12.26	46,584	13.65	2,051	2,765	4,257
38	25,781	7.56	42,969	12.59	47,713	13.98	2,105	2,852	4,361
39	26,473	7.76	44,122	12.93	48,841	14.31	2,158	2,940	4,465
40	27,165	7.96	45,275	13.27	49,970	14.65	2,212	3,028	4,570
41	27,857	8.16	46,428	13.61	51,099	14.98	2,265	3,117	4,674
42	28,549	8.37	47,581	13.95	52,228	15.31	2,318	3,206	4,778
43	29,241	8.57	48,734	14.28	53,356	15.64	2,371	3,297	4,882
44	29,933	8.77	49,888	14.62	54,485	15.97	2,423	3,387	4,986
45	30,624	8.98	51,041	14.96	55,614	16.30	2,476	3,479	5,091
46	31,316	9.18	52,194	15.30	56,743	16.63	2,528	3,571	5,195
47	32,008	9.38	53,347	15.64	57,871	16.96	2,581	3,665	5,299
48	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
49	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
50	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
51	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
52	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
53	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
54	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
55	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
56	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
57	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
58	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
59	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
60	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
61	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
62	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
63	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
64	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
65	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
66	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
67	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
68	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
69	32,700								



FM56AH / FM57AH

TOTAL INDOOR UNIT CAPACITY INDEX (kBTU/h CLASS)	COOLING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.		MIN.	RATED	MAX.
	Btu/h	kW	Btu/h	kW	Btu/h	kW			
23	13,800	4.04	23,000	6.74	28,750	8.43	1,179	1,355	2,399
24	14,400	4.22	24,000	7.03	30,000	8.79	1,230	1,423	2,508
25	15,000	4.40	25,000	7.33	31,250	9.16	1,281	1,492	2,617
26	15,600	4.57	26,000	7.62	32,500	9.53	1,332	1,562	2,727
27	16,200	4.75	27,000	7.91	33,750	9.89	1,383	1,633	2,838
28	16,800	4.92	28,000	8.21	35,000	10.26	1,434	1,705	2,949
29	17,400	5.10	29,000	8.50	36,250	10.62	1,485	1,777	3,060
30	18,000	5.28	30,000	8.79	37,500	10.99	1,536	1,851	3,172
31	18,600	5.45	31,000	9.09	38,750	11.36	1,587	1,926	3,284
32	19,200	5.63	32,000	9.38	40,000	11.72	1,639	2,002	3,396
33	19,800	5.80	33,000	9.67	41,250	12.09	1,690	2,078	3,509
34	20,400	5.98	34,000	9.96	42,500	12.46	1,741	2,156	3,623
35	21,000	6.15	35,000	10.26	43,750	12.82	1,792	2,235	3,737
36	21,600	6.33	36,000	10.55	45,000	13.19	1,843	2,315	3,851
37	22,200	6.51	37,000	10.84	46,250	13.56	1,894	2,397	3,966
38	22,800	6.68	38,000	11.14	47,500	13.92	1,945	2,479	4,081
39	23,400	6.86	39,000	11.43	48,750	14.29	1,996	2,563	4,197
40	24,000	7.03	40,000	11.72	50,000	14.65	2,047	2,647	4,313
41	24,600	7.21	41,000	12.02	51,250	15.02	2,098	2,734	4,429
42	25,200	7.39	42,000	12.31	52,500	15.39	2,149	2,821	4,547
43	25,800	7.56	43,000	12.60	53,750	15.75	2,200	2,909	4,664
44	26,400	7.74	44,000	12.90	55,000	16.12	2,251	2,999	4,782
45	27,000	7.91	45,000	13.19	56,250	16.49	2,302	3,091	4,901
46	27,600	8.09	46,000	13.48	57,500	16.85	2,353	3,183	5,020
47	28,200	8.26	47,000	13.77	58,750	17.22	2,404	3,277	5,139
48	28,800	8.44	48,000	14.07	60,000	17.58	2,455	3,373	5,259
49	29,400	8.62	49,000	14.36	61,250	17.95	2,506	3,470	5,379
50	30,000	8.79	50,000	14.65	62,500	18.32	2,557	3,569	5,500
51	30,600	8.97	51,000	14.95	62,733	18.39	2,607	3,669	5,532
52	31,200	9.14	52,000	15.24	62,967	18.45	2,658	3,770	5,564
53	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
54	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
55	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
56	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
57	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
58	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
59	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
60	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
61	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
62	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
63	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
64	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
65	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
66	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
67	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
68	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
69	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
70	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
71	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
72	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
73	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
74	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
75	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
76	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
77	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
78	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
79	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
80	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
81	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
82	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
83	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
84	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600

Note

- Capacities are based on the following conditions :
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
- At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
- Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.



FM56AH / FM57AH

TOTAL INDOOR UNIT CAPACITY INDEX (kBTU/h CLASS)	HEATING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.		MIN.	RATED	MAX.
	Btu/h	kW	Btu/h	kW	Btu/h	kW			
23	15,305	4.49	25,508	7.48	30,659	8.99	1,292	1,613	2,789
24	15,983	4.68	26,638	7.81	31,771	9.31	1,349	1,692	2,890
25	16,661	4.88	27,768	8.14	32,882	9.64	1,407	1,772	2,991
26	17,338	5.08	28,897	8.47	33,994	9.96	1,465	1,852	3,091
27	18,016	5.28	30,027	8.80	35,105	10.29	1,523	1,934	3,192
28	18,694	5.48	31,157	9.13	36,216	10.61	1,580	2,016	3,293
29	19,372	5.68	32,286	9.46	37,328	10.94	1,638	2,098	3,394
30	20,050	5.88	33,416	9.79	38,439	11.27	1,696	2,182	3,495
31	20,728	6.07	34,546	10.12	39,550	11.59	1,754	2,266	3,595
32	21,405	6.27	35,676	10.46	40,662	11.92	1,812	2,351	3,696
33	22,083	6.47	36,805	10.79	41,773	12.24	1,870	2,437	3,797
34	22,761	6.67	37,935	11.12	42,884	12.57	1,928	2,524	3,897
35	23,439	6.87	39,065	11.45	43,996	12.89	1,986	2,611	3,998
36	24,117	7.07	40,195	11.78	45,107	13.22	2,044	2,700	4,099
37	24,795	7.27	41,324	12.11	46,218	13.55	2,102	2,789	4,199
38	25,472	7.47	42,454	12.44	47,330	13.87	2,160	2,879	4,300
39	26,150	7.66	43,584	12.77	48,441	14.20	2,218	2,970	4,401
40	26,828	7.86	44,714	13.10	49,552	14.52	2,276	3,061	4,501
41	27,506	8.06	45,843	13.44	50,664	14.85	2,335	3,154	4,602
42	28,184	8.26	46,973	13.77	51,775	15.17	2,393	3,248	4,702
43	28,862	8.46	48,103	14.10	52,886	15.50	2,451	3,342	4,803
44	29,539	8.66	49,232	14.43	53,998	15.83	2,510	3,438	4,903
45	30,217	8.86	50,362	14.76	55,109	16.15	2,568	3,534	5,004
46	30,895	9.05	51,492	15.09	56,221	16.48	2,626	3,632	5,104
47	31,573	9.25	52,622	15.42	57,332	16.80	2,685	3,730	5,205
48	32,251	9.45	53,751	15.75	58,443	17.13	2,743	3,829	5,305
49	32,929	9.65	54,881	16.08	59,555	17.45	2,802	3,930	5,406
50	33,606	9.85	56,011	16.42	60,666	17.78	2,861	4,031	5,506
51	34,284	10.05	57,141	16.75	61,777	18.11	2,919	4,133	5,606
52	34,962	10.25	58,270	17.08	62,889	18.43	2,978	4,237	5,707
53	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
54	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
55	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
56	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
57	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
58	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
59	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
60	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
61	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
62	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
63	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
64	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
65	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
66	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
67	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
68	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
69	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
70	35,640	10.45	59,400	17.41	64,000	18.76	3,038		

Cassette Panel

The Independent Vane Operation allows a desired comfortable air flow.



Model Name & Applied Products

4 Way Cassette (Mini, 570x570)
PT-QAGW0

2 Way Cassette
PT-USC

1 Way Cassette (Grill Type)
PT-UAHGO
PT-UAHWO

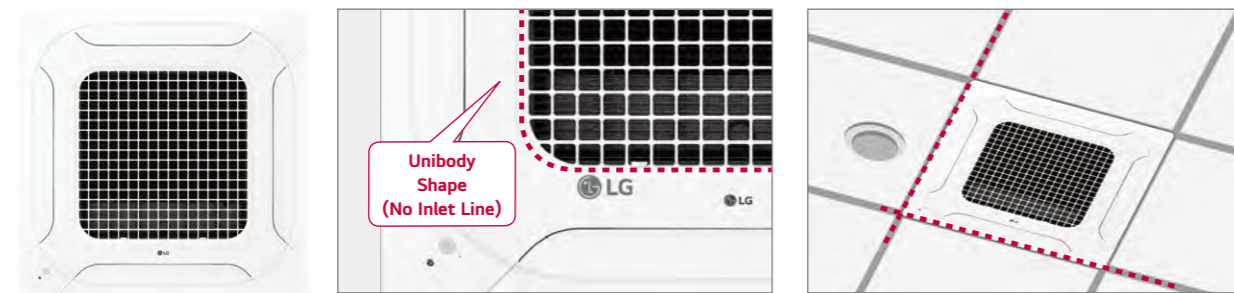
1 way cassette (Air purification)
PT-UPHGO

Key Features

- Independent vane operation uses separate motors, making it possible to control all 1, 2, and 4 vanes independently.
- The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain pipe and refrigerant pipes.

Compact and Stylish Design

- New 4 way cassette panel with an adapted shape matches with the ceiling.
- Panel size is fit into the ceiling tile.

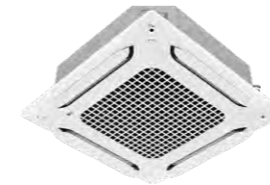


Specification

MODEL	SUCTION TYPE	COLOR (RAL)	GLOSS	WEIGHT (kg)	DIMENSION (mm)			APPLIED MODEL CAPACITY (kW)*					
					W	H	D	Single Split		Multi Split		MULTI V	
								R32	R410A	R32	R410A	R32	R410A
4 Way	PT-QAGW0	White (RAL 9003)	X	2.9	620	35	620	2.5-5.0	2.5-5.0	1.5-5.3	1.5-5.3	1.6-6.2	1.6-6.2
2 Way	PT-USC	Morning Fog (RAL 9001)	X	4.7	1,100	28	690					2.8-7.1	2.8-7.1
1 Way	PT-UAHGO	White (RAL 9003)	O	3.9	1,160	34	500			2.6-3.5	2.6-3.5	2.2-3.6	2.2-3.6
	PT-UAHWO	White (RAL 9003)	X	3.3	1,100	34	500			2.6-3.5	2.6-3.5	2.2-3.6	2.2-3.6
	PT-UPHGO	White (RAL 9003)	O	4.1	1,160	34	500			2.6-3.5	2.6-3.5	2.2-3.6	2.2-3.6

* Based on cooling capacity
※ O : Applied, - : Not applied

Dual Vane Cassette Panel



Model Name
PT-AAGW0
PT-AFGW0

Key Features

Model	Function					
	Dual Vane	Wi-Fi	Floor Temperature Sensor	Air Purification	Elevating Grille	Human Detection Sensor
PT-AAGW0	O	Optional	Optional	X	X	Optional
PT-AFGW0	O	Optional	Optional	Optional (Dust Sensor, Tact Switch)	X	Optional

Specification

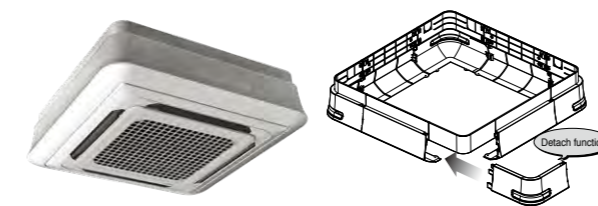
Model	Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)		
					W	H	D
PT-AAGW0	Grid	White (RAL 9003)	-	7.1	950	35	950
PT-AFGW0	Grid	White (RAL 9003)	-	7.5	950	35	950

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
	1 Way		PTAHTP0		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

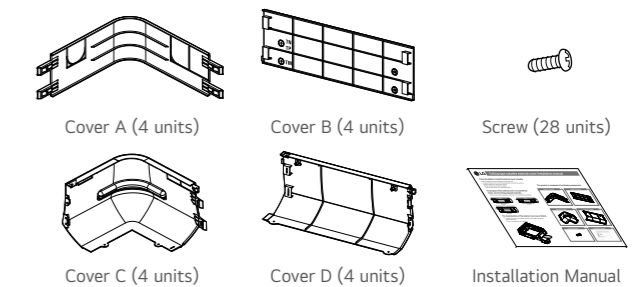
- Specially designed for indoor unit
- Gives elegant looks
- Covers the side area of cassette
- Light weight

Included Parts

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

Specification

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



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	UNIT	M3 PLATFORM	M2 PLATFORM	M1 PLATFORM
MODEL NAME		PBM13M3UA0	PBM13M2UA0	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)	596 x 377 x 4	596 x 247 x 4	596 x 247 x 4
	Mesh	-	34 x 39	34 x 39
	Color	-	Black	Black
	Quantity	EA	2	2
Pre-Filter (2)	Size (W x H x D)	-	-	247 x 247 x 4
	Mesh	-	-	34 x 39
	Color	-	-	Black
	Quantity	EA	-	1
UVnano	UVC Wavelength	nm	275	275
	UVC LED Quantity	EA	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
	Quantity	EA	2	2
	Grade	-	*ePM, 65%	ePM, 65%
Filter (2)	Size (W x H x D)	mm	-	250 x 251 x 50.8
	Quantity	EA	-	1
	Grade	-	-	ePM, 65%

* Grade : ISO 16890

LG Wi-Fi Modem

Control conditioners by using devices with access to internet, such as Android or iOS smartphones.



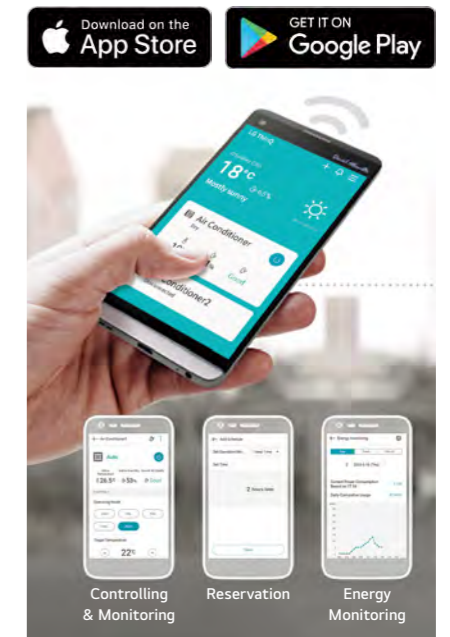
PWFMD200

Features

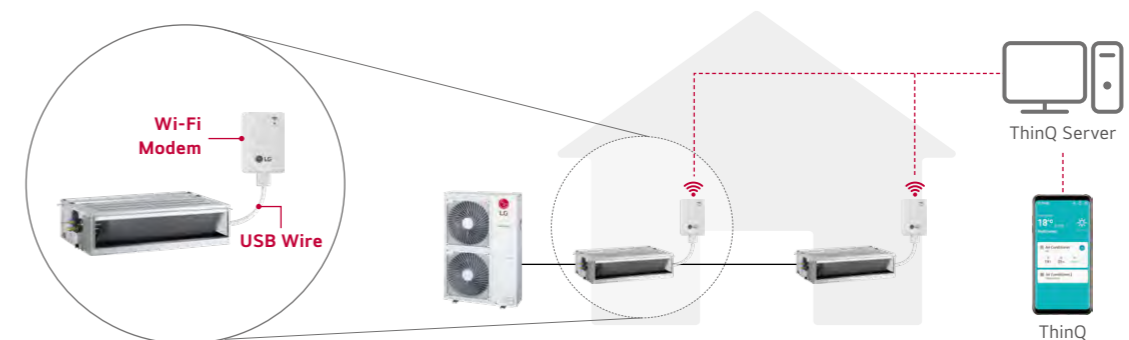
- With Wi-Fi equipped device a user can enjoy anytime, anywhere access through ThinQ mobile app.
- This allows the user to access the unit remotely to switch unit on or off before or after leaving the vicinity.
- LG's exclusive Home Appliances control app (ThinQ) is available.
- Simple operation for various functions.
 - On / Off
 - Operation Mode
 - Current / Set Temperature
 - Fan Speed
 - Vane Control¹⁾
 - Reservation (Sleep, Weekly On / Off)
 - Energy Monitoring²⁾
 - Filter Management
 - Error Check
 - Air Purify³⁾

MODEL NAME	PWFMD200
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 (10 m 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 an indoor unit, please contact 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	•	•

Remote Controller

PI 485



PQWRHQ0FDB

※ Only some of controllers have back light feature.



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 & 12V 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	•	•	•	•

Distributor Box

Easy installation for any sites is enabled by the range of Distributor Boxes.



PMBD3620 (2 Indoors)



PMBD3630 (3 Indoors)



PMBD3640 (4 Indoors)

Features

- Distribution of refrigerant to various indoor units.
- 3 models (2, 3, 4 Indoor Units)
- EEV included
- Controlling PCB inside the unit
- Internally insulated (Prevents any chances of drainage)
- Flare joints for easy and clean installation
- Compact design (Low height)
- Flexible installation



No Brazing



Just Flaring

Specification

MODEL NAME		PMBD3620	PMBD3630	PMBD3640
Connectable Indoor Units	Number of Indoor Units	1 ~ 2	1 ~ 3	1 ~ 4
	Capacity	5k / 7k / 9k / 12k / 18k / 24k	5k / 7k / 9k / 12k / 18k / 24k	5k / 7k / 9k / 12k / 18k / 24k
Power Source	Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Consumption	W	10	10	10
Running Current	A	0.05	0.05	0.05
Dimensions	W x H x D	302 x 143 x 252 (11.9 x 5.6 x 9.9)	302 x 143 x 252 (11.9 x 5.6 x 9.9)	302 x 143 x 252 (11.9 x 5.6 x 9.9)
	mm (inch)			
Net Weight	kg/lb	4.8 / 10.6	4.9 / 10.8	5 / 11
Piping Connection (To Outdoor Unit)	Liquid	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52(3/8)
	Gas	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05(3/4)
Piping Connection (To Indoor Unit)	Liquid	Ø6.35 (1/4) x 2EA	Ø6.35 (1/4) x 3EA	Ø6.35 (1/4) x 4EA
	Gas	Ø9.52 (3/8) x 2EA	Ø9.52 (3/8) x 3EA	Ø9.52 (3/8) x 4EA
Accessories	Hanger (Bracket)	EA	4	4
	Screw	EA	8	8
	Manual	EA	1	1

※ For our policy of continuous product improvement, specification, design and features are subject to change without prior notice.
 Note : 1. The piping connection must be suit the piping sizes of the indoor unit which will be connected.
 (If need, use the connector which is included in the indoor unit)
 2. The BD should be installed inside the building.

Y Branch and Branch Kit

Easy installation for any sites is enabled by Y Branch and Branch Kit.



PMBL5620 (2 units)

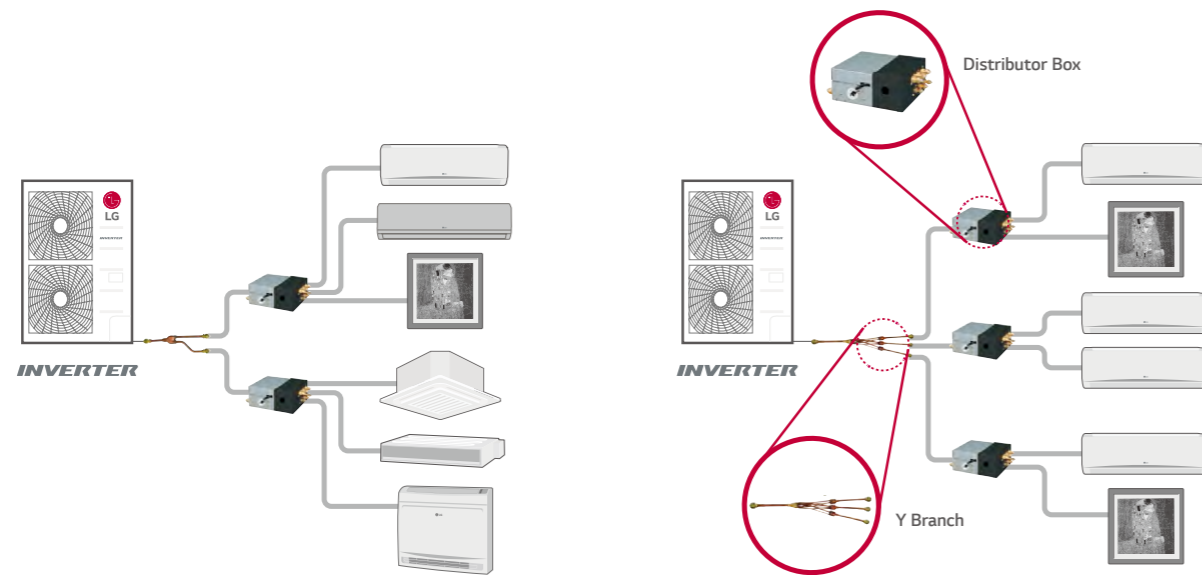


PMBL1203F0 (3 units)

Features

- Y Branch and Branch kit make Multi FDX installation much easier.
- Y Branch and Branch kit for both gas and liquid are provided.
- Insulation material is also provided for covering the branches.

Application



Accessory Model Name

(Unit : mm)

MODEL NAME	NO. OF BRANCH DISTRIBUTION UNITS	APPLICABLE MODEL	SPECIFICATION	
			Gas	Liquid
PMBL5620	2 Units	10, 30		
PMBL1203F0	3 Units	10, 30		