INDOOR UNITS

INDOOR UNITS LINE-UP

Type	kW	1.5	2.2	2.8	3.6	4.5	5.6	6.2	7.1	8.2	9.0	10.6	12.3	14.1	15.8	22.4	28.0
	Btu/h	5k	7k	9k	12k	15k	18k	21k	24k	28k	30k	36k	42k	48k	54k	76k	96k
4th generation Wall Mounted Unit — Artcool Gallery			●	●	●												
4th generation Wall Mounted Unit — Artcool Mirror		●	●	●	●	●	●		●								
4th generation Wall Mounted Unit — Standard		●	●	●	●	●	●		●		●	●					
4th generation Ceiling Mounted Cassette — Round Cassette									●		●		●				
4th generation Ceiling Mounted Cassette — 4 Way Cassette (570 x 570)		●	●	●	●	●	●	●									
4th generation Ceiling Mounted Cassette — 4 Way Cassette (840 x 840)									●	●	●	●	●	●	●		
4th generation Ceiling Mounted Cassette — 4 Way Cassette High Sensible (840 x 840)			●	●	●	●	●		●	●		●	●				
4th generation Ceiling Mounted Cassette — 2 Way Cassette				●	●		●		●								
4th generation Ceiling Mounted Cassette — 1 Way Cassette			●	●	●		●		●								
4th generation Ceiling Concealed Duct — Mid / High Statics			●	●	●	●	●		●	●		●	●	●	●	●	●
4th generation Ceiling Concealed Duct — Low Statics		●	●	●	●	●	●	●	●								
4th generation Ceiling Concealed Duct — High Sensible			●	●	●	●	●		●	●		●	●	●			
4th generation Fresh Air Intake Units																●	●
4th generation Ceiling & Floor Convertible Unit				●	●												
4th generation Ceiling Suspended Unit						●			●			●		●			
4th generation Console			●	●	●	●											
4th generation Floor Standing Unit — Floor Standing Unit with Case			●	●	●	●	●		●								
4th generation Floor Standing Unit — Floor Standing Unit without Case			●	●	●	●	●		●								
4th generation HYDRO KIT — Low Temperature												●				●	
4th generation HYDRO KIT — High Temperature												●		●			
4th generation Energy Recovery Ventilator with DX Coil — with Humidifier					●				●		●						
4th generation Energy Recovery Ventilator with DX Coil — without Humidifier					●				●		●						

1) If 4th generation indoor units are combined to 2nd generation indoor units, several funtions are not available.
More detailed information, refer to the "MULTI V Indoor units Compatibility Table"

INDOOR UNITS FEATURE OVERVIEW

Type	Energy Monitoring	2 Set Point	Occupied / Unoccupied Scheduling Function	Group Control	Test Run (Cooling)	Test Run (Heating)	Model Information Monitoring	Auto Addressing	Refrigerant Leakage Detection	Thermo On / Off Range Setting (Cooling)	Thermo On / Off Range Setting (Heating)	Static Pressure 11 Step Control (Only for Ceiling Concealed Duct Type)	1 Point External Input (On / Off Control)	Filter Sign (Remaining Time)	Auto Rerstart Function Disable / Enable	Wi-Fi Ready
Artcool Gallery	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Artcool Mirror	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Standard	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Round Cassette																
4 Way Cassette (570 x 570)	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
4 Way Cassette (840 x 840)	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
4 Way Cassette High Sensible (840 x 840)	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
2 Way Cassette	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
1 Way Cassette	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Mid / High Statics	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Low Statics	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
High Sensible	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fresh Air Intake Units	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Ceiling & Floor Convertible Unit	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Ceiling Suspended Unit	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Console	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Floor Standing Unit with Case	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Floor Standing Unit without Case	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
HYDRO KIT — Low Temperature	●			●	●	●	●	●	●	●	●		●		●	●
HYDRO KIT — High Temperature	●			●	●	●	●	●	●				●		●	●
ERV with DX Coil — with Humidifier				●	●		●	●					●	●	●	
ERV with DX Coil — without Humidifier				●	●		●	●					●	●	●	

OUTDOOR UNITS · INDOOR UNITS · HOT WATER SOLUTION · VENTILATION SOULUTIONS · CONTROL SOLUTIONS · ACCESSORIES

WALL MOUNTED UNIT

Wi-Fi Control

Control your air conditioners via using the smart internet devices as Android or iOS based smartphones.
This advanced technology provides you the best convenience.

LG SmartThinQ

Search "LG SmartThinQ" on Google market or Appstore then download the app.

LG SmartThinQ

Integrated Home Appliances Control
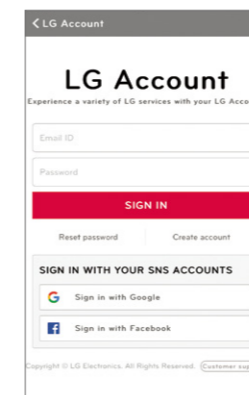Control / Monitor all your LG appliances from one place.

Access your air conditioner anytime and from anywhere
with a Wi-Fi equipped device and LG's exclusive control app,
SmartThinQ.

Easy Registration and Log-in
Follow the easy set-up steps that will activate SmartThinQ's
impressive feature.

Wi-Fi Connectivity
Let's every member of your family choose their own preferred
air conditioning temperature and fan speed, then save the
settings in their app to run later. You can save the setting for
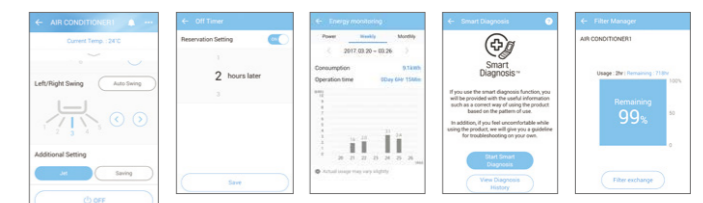each air conditioner as well.

Multiple Devices	Multi-Control

* Can be controlled by multiple users, but not simultaneously

Simple operation for various functions
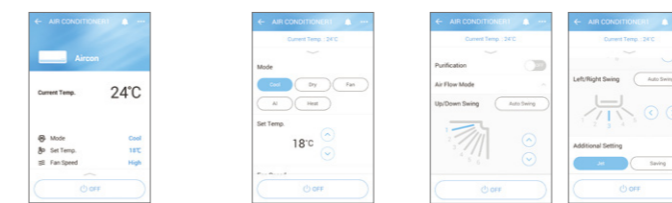
On/Off, Current Temp   Mode, Set Temp   Vane Control

Straight forward Management

Reservation   Energy Monitoring   Smart Diagnosis   Filter Management

Features & Benefits

- 6 Different Discharge Angles can be Programmed via the Remote Control.
- Easily Detachable Full Surface Cover Helps Clean the Air Conditioner Flawlessly.
- Drain Pipe can be Easily Hidden from Sight.

Key Applications

- Retail
- Restaurant
- Office
- Hotel
- Multi-family Residence

Wall Mounted Unit		Artcool Mirror	Artcool Gallery	Standard
Smart	Wi-Fi	○	○	○
Energy Efficiency	Energy Display	○	○	○
Fast Cooling & Heating	Jet Cool	○	○	○
	Auto Swing (up & down)	○	○	○
Health	Ionizer	○	-	○ ~7.1kW Only
	Pre Filter	○	○	○
	Auto Cleaning	○	○	○
Comfort	Sleep Mode	○	○	○
	Timer (on / off)	○	○	○
	Timer (weekly)	○	○	○
	Two Thermistor Control	○	○	○
	Group Control	○	○	○

※ ○: Applied, - : Not applied

WALL MOUNTED UNIT

Energy Display

LG's Energy Display panel monitors the amount of energy levels used. Save on energy consumption while enjoying the cooling by checking your energy level on the pane.

* Specifications may vary for each model.

Magic Display & Remote Control

With the push of a button on the remote control, indoor unit's LCD display shows the current and total energy use, thus making the users aware of reducing energy consumption.

Magic Display Mode

ENERGY CTRL

Push Button for 3 sec
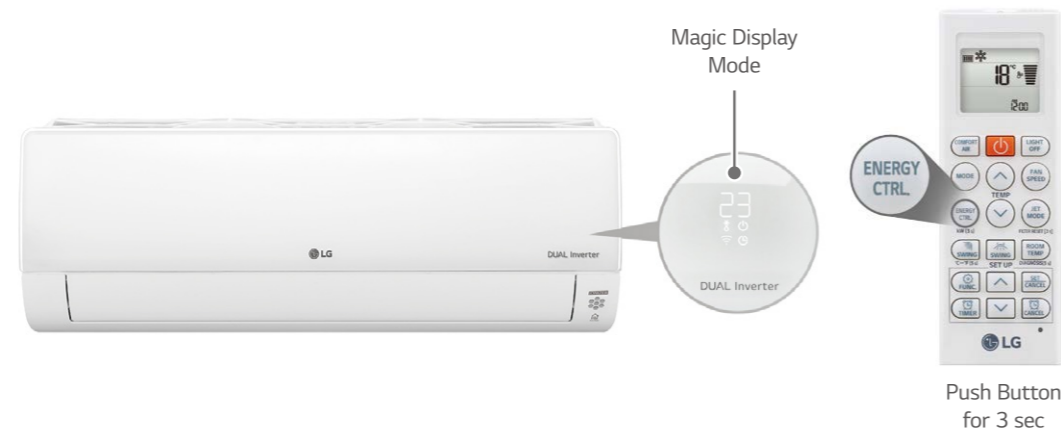
Normal Mode
Current Setting Temp

DUAL Inverter

1 Click

Electric Power
Displays Current Energy Use

DUAL Inverter

1 Click

Fan Speed

Display	Speed
F5	High
F4	Medium-High
F3	Medium
F2	Medium-Low
F1	Low

Sleep Mode

DUAL Inverter

For example, setting 1hr

4 Way Swing

Cool air reaches out to the entire room regardless of where the air conditioner is installed.

* Specifications may vary for each model.

6-Step Vane, Control up to 70°

The vertical vane, which moves up and down, has 6 different settings including full swing.

Up & Down
70°
Heating
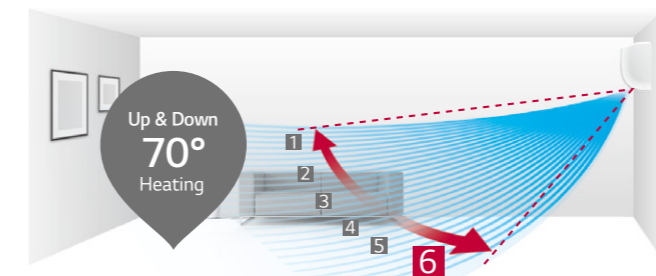
* Angle can be different from each model and working mode.

Control up to 100°

The louver can be adjusted by manual.

Left & Right
100°
Heating / Cooling
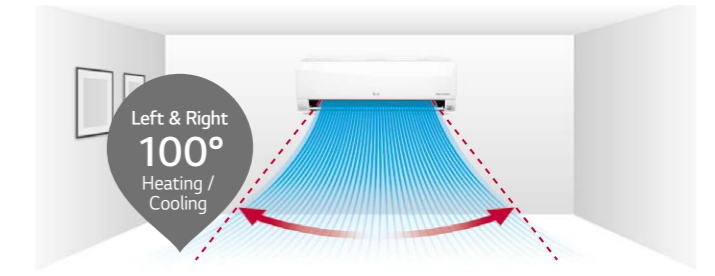
* Angle can be different from each model and working mode.

Easy and Simple Control

Airflow direction can be changed by LG ThinQ Wi-Fi app.

AIR CONDITIONER1
Current Temp. : 24°C
Purification
Air Flow Mode
Up/Down Swing — Auto Swing
OFF
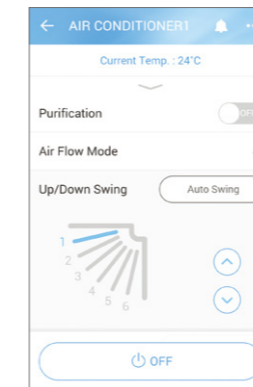
Up/Down Swing

Jet Cool

LG air conditioners provide optimized high-speed airflow, which can cool rooms faster while delivering cool air evenly in every direction.

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

One Click "Jet Mode"

Reduces the temperature of outflowing air to 18°C for 30 minutes with just one click.

JET MODE

DUAL Inverter

More Powerful Performance

By reducing the second vortex, which decreases airflow within the air outlet, and enlarging the fan size, the amount of airflow is increased to 13.0 CMM.

Low Magnitude of Velocity High

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOLUTIONS

CONTROL SOLUTIONS

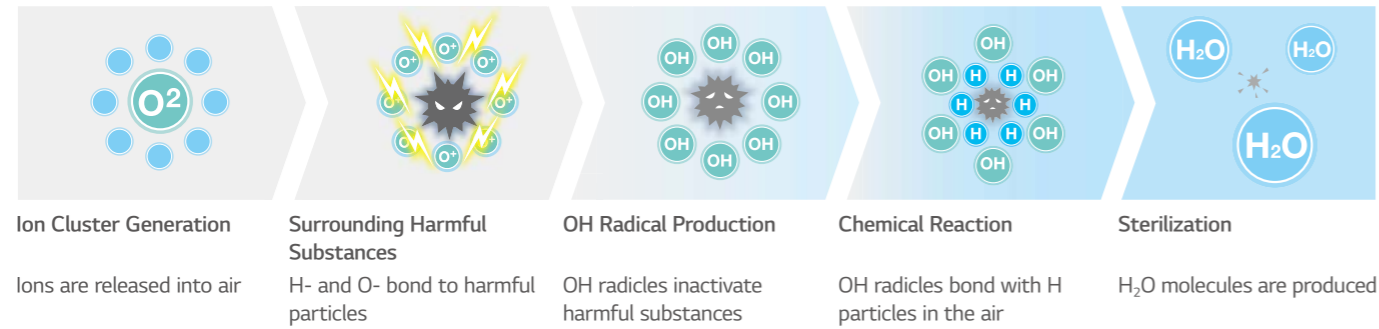ACCESSORIES

WALL MOUNTED UNIT

Ionizer PLUS

The powerful Ionizer protects you from bad odors and harmful and contagious particles in the air with over 3 million ions to sterilize not only the air passing through the air conditioner, but also surrounding surfaces for a safer, and cleaner environment.

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

Sterilization and Deodorization (Utilizes Over 3 Million Ions)

Ionizer+ reduces harmful and contagious microscopic particles by infusing the air passing through the air conditioner with over 3 million ions.

Ion Cluster Generation	Surrounding Harmful Substances	OH Radical Production	Chemical Reaction	Sterilization
Ions are released into air	H- and O- bond to harmful particles	OH radicles inactivate harmful substances	OH radicles bond with H particles in the air	H_2O molecules are produced

Sterilization Performance Evaluations

Sterilize Bacteria (E.coli colon bacillus) over 99.9% in 30 min.

99.9% Sanitization

Survival Rate Virus Bacteria (%) — 100, 80, 60, 40, 20, 0
Time(min) — 15, 30, 45, 60

* Test Conditions : Space : 52m³ Chamber / Temperature & Humidity : Normal / Bacteria : Staphylococus Aureus

2.1 odor strength decrease in 60 minutes

An odor of measured as 2 European odor units (ouE/m³) or less indicates that the level of odor falls within permissible limits
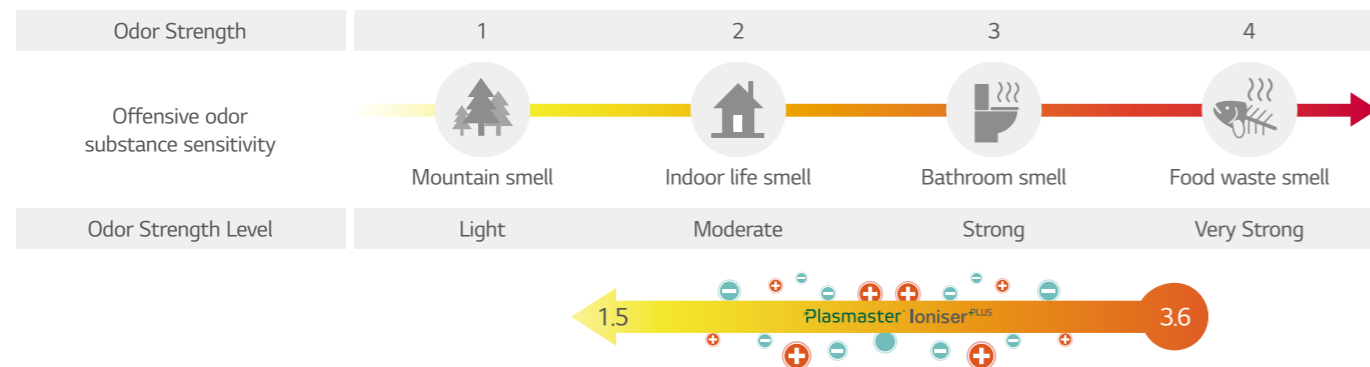
Odor Strength	1	2	3	4
Offensive odor substance sensitivity	Mountain smell	Indoor life smell	Bathroom smell	Food waste smell
Odor Strength Level	Light	Moderate	Strong	Very Strong

1.5 — Plasmaster Ioniser ᵖᴸᵁˢ — 3.6

Odor strength reduce 3.6 ➡ 1.5 / The Odor floating in the room as well as curtain and clothes.

Auto Cleaning

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

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.

Cleans Filter with Regular Airflow

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

By dehumidifying, the auto cleaning function eliminates substances that might be harmful.

The indoor environment remains odorless with the advanced deodorizing function.

By preventing polluting of the heat exchanger caused by various germs and bacteria, the performance and life span of the air conditioner do not wither away even after a period of 10 years.

Removes Harmful Particles

Auto Cleaning provides clean air by preventing bacteria, mold and odors that can otherwise accumulate in an indoor unit.
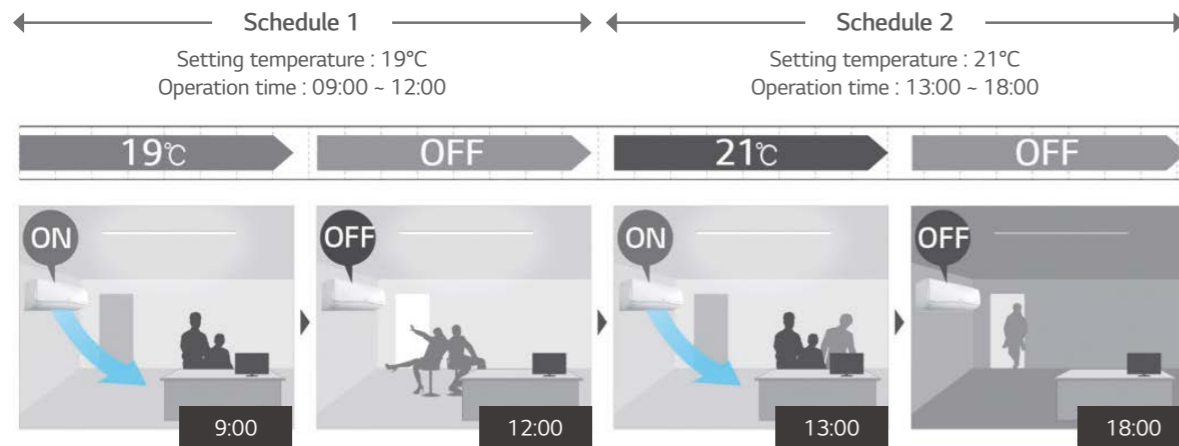
Bacteria Prevention | Odor Elimination | Mold Elimination

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

WALL MOUNTED UNIT

Scheduled Operation

You can set the daily temperature, fan speed, the operation mode and automatic on/off time for two weeks. It will keep running on that time until cancelled by the user or after setting period

* This function is for wired remote controller only.
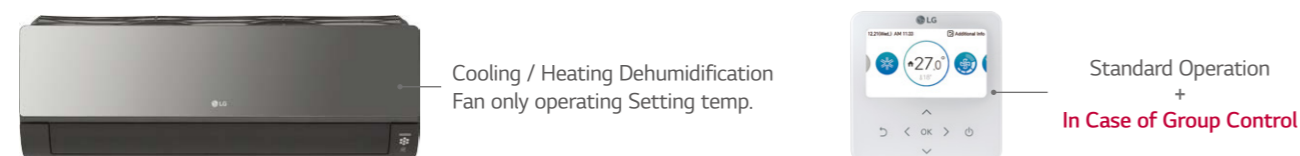* Wired remote controller is need to be separately purchased.

Schedule 1
Setting temperature : 19℃
Operation time : 09:00 ~ 12:00

Schedule 2
Setting temperature : 21℃
Operation time : 13:00 ~ 18:00

19℃ OFF 21℃ OFF

ON 9:00 OFF 12:00 ON 13:00 OFF 18:00

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 optimise indoor air temperature for a more comfortable environment.

Indoor Unit Thermistor

Remote Controller Thermistor

Group Control

In case of group control, user can control much more function than conventional.

Cooling / Heating Dehumidification Fan only operating Setting temp.

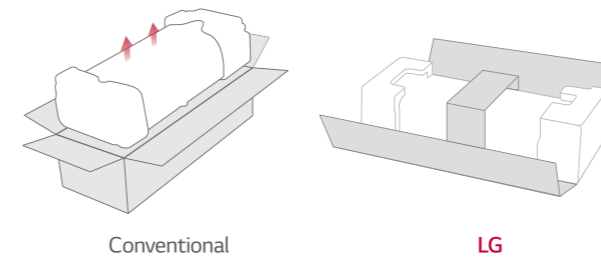Standard Operation
+
In Case of Group Control

Quick & Easy Installation

LG air conditioner is designed for an easy and efficient installation, making possible to install several units in a short period of time
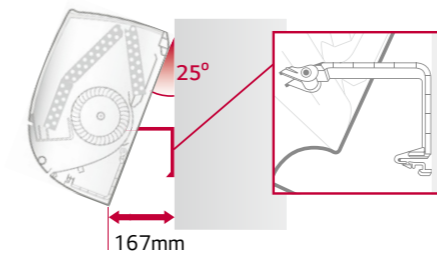
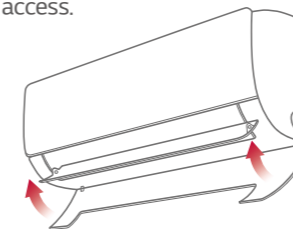* Specifications may vary for each model.

One Simple Packing Box

Conventional

LG

Installation Support Clip

A support clip creates adequate space between the wall and the unit for easier installation.

25°

167mm
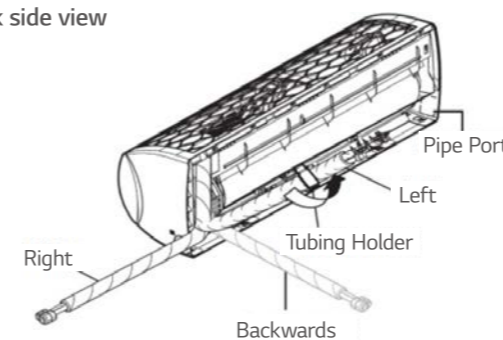
Detachable Bottom Cover

The air conditioner's bottom cover is detachable for easier Installation and access.
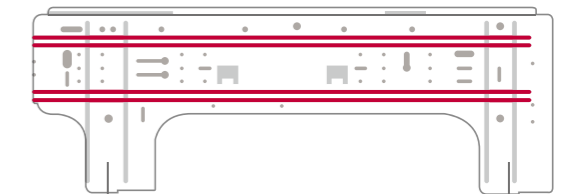

3 Way Flexible Installation

It is possible to install and connect the outdoor unit in 3 different ways (lLeft, Right, Back).

Back side view

Pipe Port

Left

Right

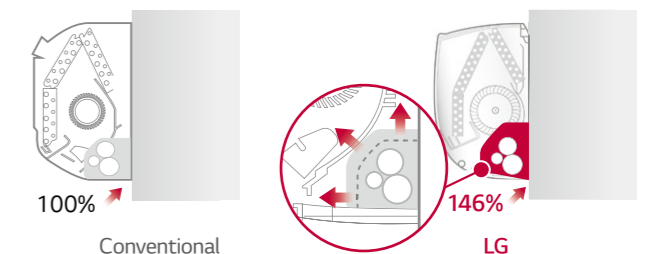Tubing Holder

Backwards

Installation Plate Improvement

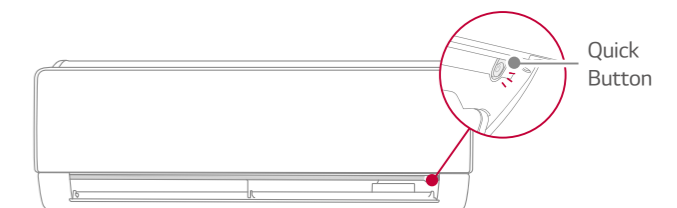LG's installation plate is larger and customized to reduce installation time.

Wider Tubing Space

The space provided for tubing facilitates the whole installation process and hides the unorganized parts, making it appear clean and tidy.

100%

Conventional

146%

LG

Quick button for running test

The test button is conveniently located and easy to find.

Quick Button

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

ARTCOOL MIRROR

ARNU05GSJR4 / ARNU07GSJR4 / ARNU09GSJR4
ARNU12GSJR4 / ARNU15GSJR4

Model		Unit	ARNU05GSJR4	ARNU07GSJR4	ARNU09GSJR4	ARNU12GSJR4	ARNU15GSJR4
Cooling Capacity		kW	1.6	2.2	2.8	3.6	4.5
Heating Capacity		kW	1.8	2.5	3.2	4.0	5.0
Power Input (H / M / L)	Nominal	W	11 / 10 / 9	12 / 11 / 9	13 / 12 / 9	15 / 13 / 11	23 / 18 / 11
Exterior Color			Mirror(Black)	Mirror(Black)	Mirror(Black)	Mirror(Black)	Mirror(Black)
RAL Code			RAL 9005	RAL 9005	RAL 9005	RAL 9005	RAL 9005
Dimensions (W x H x D)	Body	mm	837 x 308 x 192	837 x 308 x 192	837 x 308 x 192	837 x 308 x 192	837 x 308 x 192
	Shipping	mm	909 x 383 x 256	909 x 383 x 256	909 x 383 x 256	909 x 383 x 256	909 x 383 x 256
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	30 x 1	30 x 1	30 x 1	30 x 1	30 x 1
	Air Flow Rate (H / M / L)	m³/min	6.8 / 6.5 / 5.9	7.2 / 6.8 / 5.9	7.8 / 7.2 / 5.9	8.5 / 7.8 / 6.8	10.5 / 9.5 / 6.8
	Motor type		BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16(5/8)	Ø16(5/8)	Ø16(5/8)	Ø16(5/8)	Ø16(5/8)
Weight	Body	kg	9.2	9.2	9.2	9.2	9.2
Sound Pressure Levels (H / M / L)		dB(A)	30 / 29 / 28	32 / 30 / 28	34 / 32 / 28	37 / 34 / 30	42 / 39 / 32
Sound Power Levels (H / M / L)		dB(A)	54 / 53 / 52	54 / 53 / 52	55 / 54 / 52	55 / 54 / 53	58 / 56 / 54
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
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU05GSJR4	ARNU07GSJR4	ARNU09GSJR4	ARNU12GSJR4	ARNU15GSJR4
Drain Pump	-				
Cassette Cover	-				
Refrigerant Leakage Detector	PRLDNVS0				
EEV Kit	PRGK024A0				
Independent Power Module	PRIP0				
Robot Cleaner	-				
Pre Filter (washable / anti-fungus)	○				
Ion Generator	○				
CO₂ Sensor	-				
Ventilation Kit	-				
IR Receiver	-				
Zone Controller	-				
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)				
External Input (1 point)	○				
Wi-Fi	○				

※ ○ : Applied, - : Not applied
Option : Refer to model name in table

ARNU18GSKR4 / ARNU24GSKR4

Model		Unit	ARNU18GSKR4	ARNU24GSKR4
Cooling Capacity		kW	5.6	7.1
Heating Capacity		kW	6.3	7.5
Power Input (H / M / L)	Nominal	W	32 / 26 / 16	39 / 26 / 16
Exterior Color			Mirror(Black)	Mirror(Black)
RAL Code			RAL 9005	RAL 9005
Dimensions (W x H x D)	Body	mm	998 x 345 x 212	998 x 345 x 212
	Shipping	mm	1,080 x 422 x 281	1,080 x 422 x 281
Fan	Type		Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	58 x 1	58 x 1
	Air Flow Rate (H / M / L)	m³/min	14.0 / 12.0 / 10.5	15.2 / 12.7 / 10.5
	Motor type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16(5/8)	Ø16(5/8)
Weight	Body	kg	13.4	13.4
Sound Pressure Levels (H / M / L)		dB(A)	43 / 39 / 34	46 / 41 / 34
Sound Power Levels (H / M / L)		dB(A)	63 / 57 / 54	65 / 60 / 54
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU18GSKR4	ARNU24GSKR4
Drain Pump	-	
Cassette Cover	-	
Refrigerant Leakage Detector	PRLDNVS0	
EEV Kit	PRGK024A0	
Independent Power Module	PRIP0	
Robot Cleaner	-	
Pre Filter (washable / anti-fungus)	○	
Ion Generator	○	
CO₂ Sensor	-	
Ventilation Kit	-	
IR Receiver	-	
Zone Controller	-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○	
Wi-Fi	○	

※ ○ : Applied, - : Not applied
Option : Refer to model name in table

ARTCOOL GALLERY

ARNU07GSF14 / ARNU09GSF14 / ARNU12GSF14
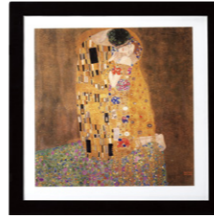
Model		Unit	ARNU07GSF14	ARNU09GSF14	ARNU12GSF14
Cooling Capacity		kW	2.2	2.8	3.6
Heating Capacity		kW	2.5	3.2	4.0
Power Input (H / M / L)	Nominal	W	28 / 16 / 10	28 / 16 / 10	32 / 20 / 12
Dimensions (W x H x D)	Body	mm	600 x 600 x 146	600 x 600 x 146	600 x 600 x 146
	Shipping	mm	685 x 670 x 215	685 x 670 x 215	685 x 670 x 215
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W x No.	30 x 1	30 x 1	30 x 1
	Air Flow Rate (H / M / L)	m³/min	8.1 / 6.3 / 4.2	8.1 / 6.3 / 4.2	9.3 / 7.7 / 6.0
	Motor type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø12(15/32)	Ø12(15/32)	Ø12(15/32)
Weight	Body	kg	15.0	15.0	15.0
Sound Pressure Levels (H / M / L)		dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 38 / 32
Sound Power Levels (H / M / L)		dB(A)	48 / 46 / 41	48 / 46 / 41	54 / 46 / 38
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
     - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
     - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    2. Due to our policy of innovation some specifications may be changed without notification
    3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU07GSF14	ARNU09GSF14	ARNU12GSF14
Drain Pump		-	
Cassette Cover		-	
Refrigerant Leakage Detector		PRLDNVS0	
EEV Kit		PRGK024A0	
Independent Power Module		PRIP0	
Robot Cleaner		-	
Pre Filter (washable / anti-fungus)		○	
Ion Generator		-	
CO₂ Sensor		-	
Ventilation Kit		-	
IR Receiver		-	
Zone Controller		-	
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)		○	
Wi-Fi		PWFMDD200 ¹⁾	

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table
1) External installation only

STANDARD

ARNU05GSJ*4 / ARNU07GSJ*4 / ARNU09GSJ*4 / ARNU12GSJ*4 / ARNU15GSJ*4

Model		Unit	ARNU05GSJ*4	ARNU07GSJ*4	ARNU09GSJ*4	ARNU12GSJ*4	ARNU15GSJ*4
Cooling Capacity		kW	1.6	2.2	2.8	3.6	4.5
Heating Capacity		kW	1.8	2.5	3.2	4.0	5.0
Power Input (H / M / L)	Nominal	W	11 / 10 / 9	12 / 11 / 9	13 / 12 / 9	15 / 13 / 11	23 / 18 / 11
Exterior Color			White	White	White	White	White
RAL Code			RAL 9016	RAL 9016	RAL 9016	RAL 9016	RAL 9016
Dimensions (W x H x D)	Body	mm	818 x 316 x 189	818 x 316 x 189	818 x 316 x 189	818 x 316 x 189	818 x 316 x 189
	Shipping	mm	892 x 381 x 249	892 x 381 x 249	892 x 381 x 249	892 x 381 x 249	892 x 381 x 249
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	30 x 1	30 x 1	30 x 1	30 x 1	30 x 1
	Air Flow Rate (H / M / L)	m³/min	6.8 / 6.5 / 5.9	7.2 / 6.8 / 5.9	7.8 / 7.2 / 5.9	8.5 / 7.8 / 6.8	10.5 / 9.5 / 6.8
	Motor type		BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16(5/8)	Ø16(5/8)	Ø16(5/8)	Ø16(5/8)	Ø16(5/8)
Weight	Body	kg	8.4	8.4	8.4	8.4	8.4
Sound Pressure Levels (H / M / L)		dB(A)	30 / 29 / 28	32 / 30 / 28	34 / 32 / 28	37 / 34 / 30	42 / 39 / 32
Sound Power Levels (H / M / L)		dB(A)	54 / 53 / 52	54 / 53 / 52	55 / 54 / 52	55 / 54 / 53	58 / 56 / 54
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
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
     - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
     - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    2. Due to our policy of innovation some specifications may be changed without notification
    3. I.D : 'Internal Diameter'
* : N or C can be applied which has little bit different shape of panel.

Accessories

Chassis	ARNU05GSJ*4	ARNU07GSJ*4	ARNU09GSJ*4	ARNU12GSJ*4	ARNU15GSJ*4
Drain Pump			-		
Cassette Cover			-		
Refrigerant Leakage Detector			PRLDNVS0		
EEV Kit			PRGK024A0		
Independent Power Module			PRIP0		
Robot Cleaner			-		
Pre Filter (washable / anti-fungus)			○		
Ion Generator			○		
CO₂ Sensor			-		
Ventilation Kit			-		
IR Receiver			-		
Zone Controller			-		
Dry Contact (with additional accessory)			PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)		
External Input (1 point)			○		
Wi-Fi			○		

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

STANDARD

OUTDOOR UNITS
INDOOR UNITS
HOT WATER SOLUTION
VENTILATION SOULUTIONS
CONTROL SOLUTIONS
ACCESSORIES

ARNU18GSK*4 / ARNU24GSK*4

Model		Unit	ARNU18GSK*4	ARNU24GSK*4
Cooling Capacity		kW	5.6	7.1
Heating Capacity		kW	6.3	7.5
Power Input (H / M / L)	Nominal	W	32 / 26 / 16	39 / 26 / 16
Exterior Color			White	White
RAL Code			RAL 9016	RAL 9016
Dimensions (W x H x D)	Body	mm	975 x 354 x 209	975 x 354 x 209
	Shipping	mm	1,063 x 420 x 274	1,063 x 420 x 274
Fan	Type		Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	58 x 1	58 x 1
	Air Flow Rate (H / M / L)	m³/min	14.0 / 12.0 / 10.5	15.2 / 12.7 / 10.5
	Motor type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16(5/8)	Ø16(5/8)
Weight	Body	kg	12.2	12.2
Sound Pressure Levels (H / M / L)		dB (A)	43 / 39 / 34	46 / 41 / 34
Sound Power Levels (H / M / L)		dB (A)	63 / 57 / 54	65 / 60 / 54
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'
* : N or C can be applied which has little bit different shape of panel.

Accessories

Chassis	ARNU18GSK*4	ARNU24GSK*4
Drain Pump	-	
Cassette Cover	-	
Refrigerant Leakage Detector	PRLDNVS0	
EEV Kit	PRGK024A0	
Independent Power Module	PRIP0	
Robot Cleaner	-	
Pre Filter (washable / anti-fungus)	○	
Ion Generator	○	
CO₂ Sensor	-	
Ventilation Kit	-	
IR Receiver	-	
Zone Controller	-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○	
Wi-Fi	○	

※ ○ : Applied, - : Not applied
Option : Refer to model name in table

ARNU30GSVA4 / ARNU36GSVA4

Model		Unit	ARNU30GSVA4	ARNU36GSVA4
Cooling Capacity		kW	8.8	10.4
Heating Capacity		kW	9.4	10.8
Power Input (H / M / L)	Nominal	W	54 / 43 / 31	85 / 51 / 36
Exterior Color			White	White
RAL Code			RAL 9016	RAL 9016
Dimensions (W x H x D)	Body	mm	1,190 x 346 x 265	1,190 x 346 x 265
	Shipping	mm	1,265 x 432 x 335	1,265 x 432 x 335
Fan	Type		Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	113 x 1	113 x 1
	Air Flow Rate (H / M / L)	m³/min	23.0 / 20.0 / 17.0	26.0 / 23.0 / 19.0
	Motor type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16(5/8)	Ø16(5/8)
Weight	Body	kg	16.6	16.6
Sound Pressure Levels (H / M / L)		dB (A)	49 / 44 / 42	52 / 47 / 43
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU30GSVA4	ARNU36GSVA4
Drain Pump	-	
Cassette Cover	-	
Refrigerant Leakage Detector	PRLDNVS0	
EEV Kit	-	
Independent Power Module	PRIP0	
Robot Cleaner	-	
Pre Filter (washable / anti-fungus)	○	
Ion Generator	-	
CO₂ Sensor	-	
Ventilation Kit	-	
IR Receiver	-	
Zone Controller	-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○	
Wi-Fi	PWFMDD200 ¹⁾	

※ ○ : Applied, - : Not applied
Option : Refer to model name in table
1) External installation only

ROUND CASSETTE

Features & Benefits

• Premium design to match your interior space
• Pleasant airflow for optimal comfort
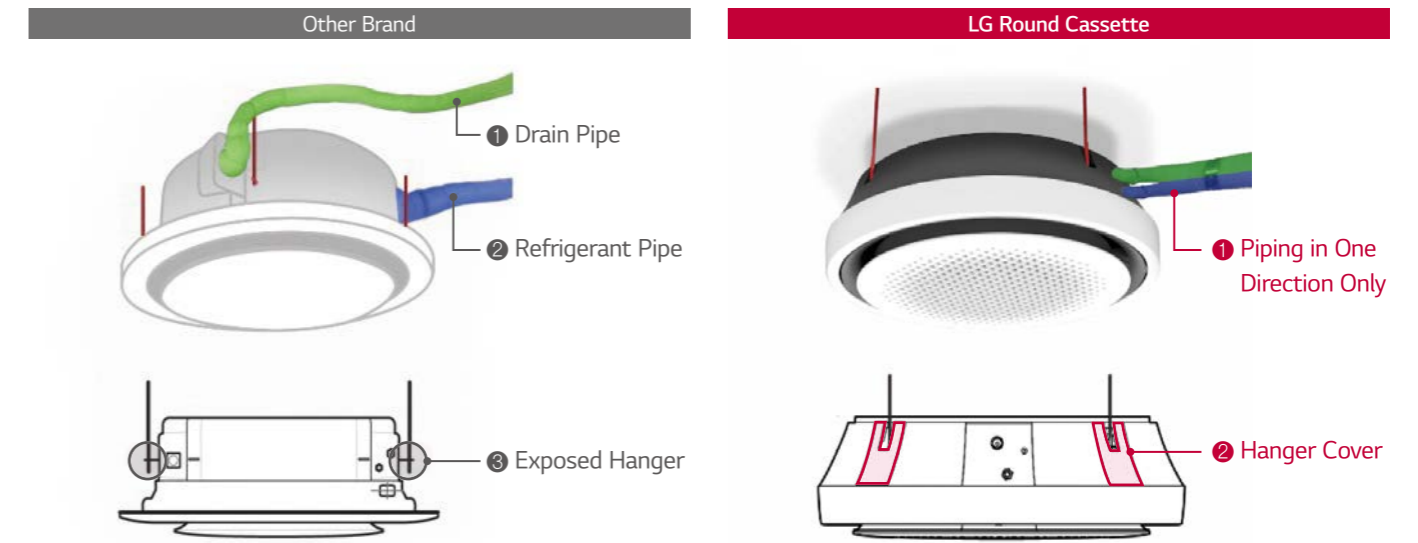• Air purification
• Improved and simple installation

Key Applications

• Retail
• School
• Office
• Hotel
• Dormitory
• Restaurant
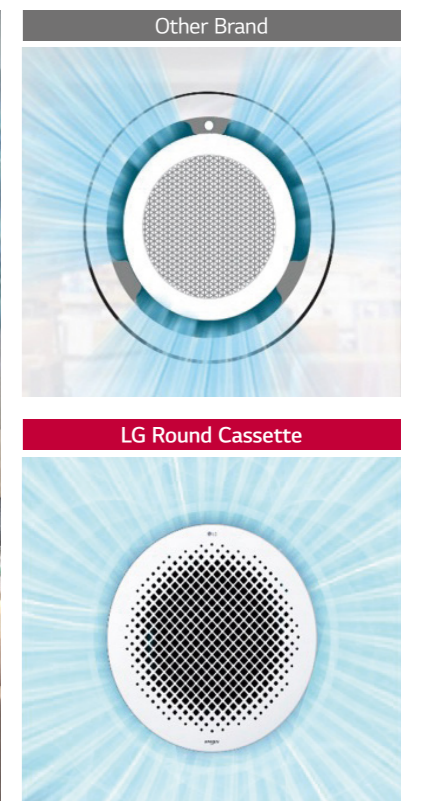
Installation

Minimal exposure of installations

Pipes are brought together in one place to minimize exposure. Hanger covers hide installations to add a clean, sophisticated look.
(This product can only be installed on an open ceiling)

Other Brand	LG Round Cassette
❶ Drain Pipe	❶ Piping in One Direction Only
❷ Refrigerant Pipe	
❸ Exposed Hanger	❷ Hanger Cover

Comfort

Perfect Round Flow

Perfect round flow without blind spots. (This product can only be installed on an open ceiling)

Other Brand

LG Round Cassette

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

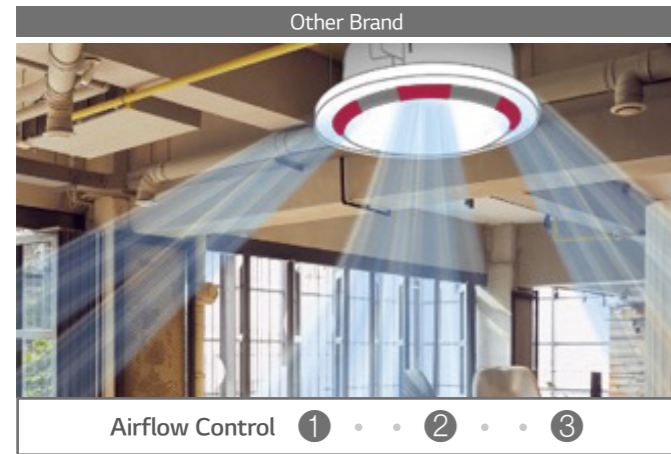VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

ROUND CASSETTE

Comfort

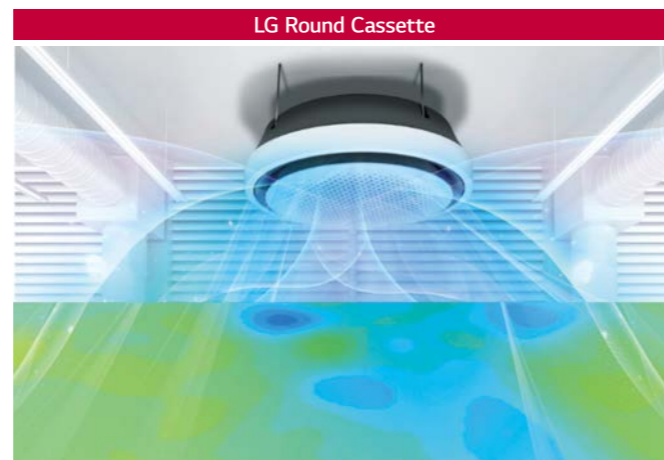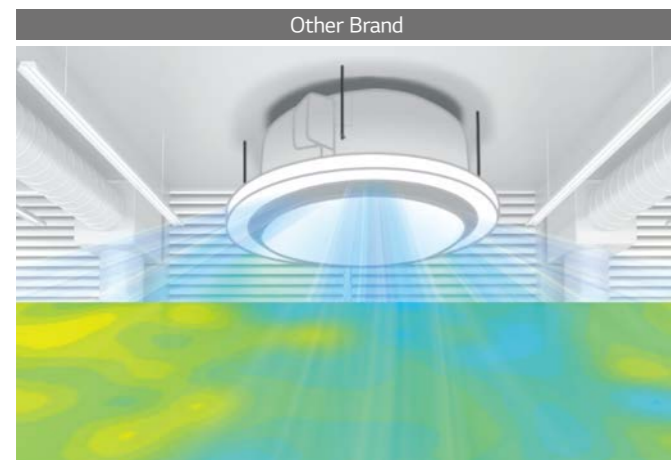### Visible, Intuitive Airflow

With crystal vein for 6-step precision control, you can send cool / heated air wherever you want.

Other Brand	LG Round Cassette
	Crystal Vein
Airflow Control ① · · ② · · ③	Airflow Control ① ② ③ ④ ⑤ ⑥

30% Faster in Cooling

With greater airflow, it gets cooler 30% faster, spreading cool air evenly without missing a spot.

Other Brand	LG Round Cassette
18 minutes to reach the set temperature	12 minutes to reach the set temperature

Clean Air

Powerful and Convenient 5-step Air Purification

With the semi-permanent 5-step air filter, you don't have to worry about maintenance cost anymore.

Step 1 Pre-filter	Step 2 Ion Generator	Step 3 Ultrafine Particle Filter	Step 4 Photocatalytic Deodorizing Filter	Step 5 Antibacterial Ionizer

PM1.0 Particle Sensor	Panel	Air Purification Kit			
Wash every 2 weeks	No need to clean	No need to clean	Wash every 6 months	Dry every 6 months	No need to clean

ARNU24GTYA4 / ARNU36GTYA4 / ARNU48GTYA4

Model		Unit	ARNU24GTYA4	ARNU36GTYA4	ARNU48GTYA4
Cooling Capacity		kW	7.2	11.0	14.5
Heating Capacity		kW	8.1	12.4	16.3
Power Input	Nominal	W	55	90	120
	Rated	W	120	120	120
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60
AIR Flow rate	Cooling	m³/min (H / M / L)	22 / 21 / 19	27 / 24 / 21	32 / 28 / 23
	Heating	m³/min (H / M / L)	22 / 21 / 19	27 / 24 / 21	32 / 28 / 23
Sound Pressure		dBA (H / M / L)	39 / 37 / 34	43 / 39 / 37	47 / 44 / 39
Sound Power		dBA (H / M / L)	Not confirmed	Not confirmed	Not confirmed
Dimensions (W x H x D)	Body	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Net Weight	Body	kg	30	30	30
Pipe Connections	Liquid Side	mm	9.52	9.52	9.52
	Gas Side	mm	15.88	15.88	15.88
	Drain Pipe	mm	32	32	32

* Available from june 2019
* Panel integrated product
* This product can only be installed on an open ceiling

CEILING MOUNTED CASSETTE

Features & Benefits

• Human Detection Control Allowing Energy Savings Through "Saving Operation" & Comfort Through "Wind Direction Operation"
• New Multi-functional 4 Way Cassette Panel for Large Sizes with Aesthetic Shape
• The Independent Vane Operation Feature Allows User to Control Vanes by Desired and Perceptible Comfort Flow

Key Applications

• Retail
• School
• Office
• Hotel
• Dormitory
• Restaurant

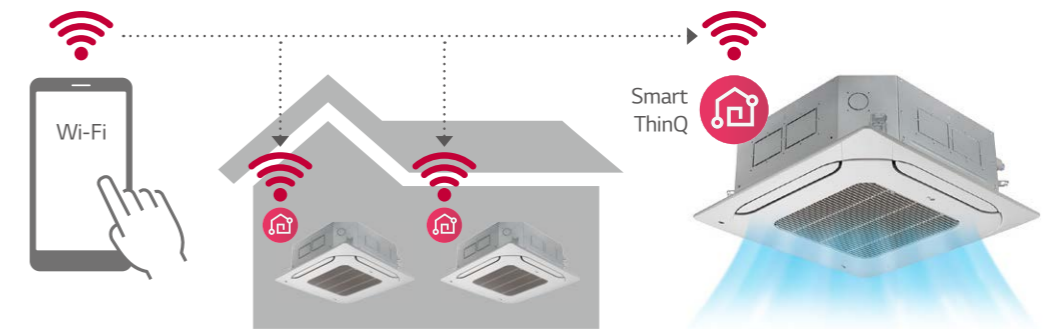| Cassette		4 Way	2 Way	1 Way
Smart	Wi-Fi	○	○	○
Energy Efficiency	Human Detect Sensor	○	-	-
Health	Auto Cleaning	-	○	-
Comfort	Drain Pump	○	○	○
	Sleep Mode	○	○	○
	Timer (on / off)	○	○	○
	Timer (weekly)	○	○	○
	Two Thermistor Control	○	○	○
	Group Control	○	○	○

※ ○ : Applied, - : Not applied

Wi-Fi Control

Control your air conditioners via using the smart internet devices as Android or iOS based smartphones. This advanced technology provides you the best convenience.
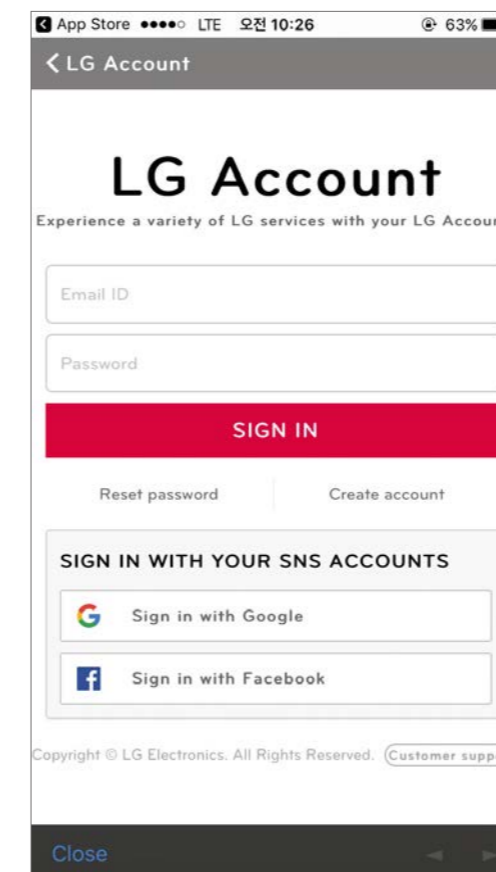
LG SmartThinQ

LG SmartThinQ

Search "LG SmartThinQ" on Google market or Appstore then download the app.

Access your air conditioner anytime and from anywhere

Wi-Fi

Smart ThinQ

Easy Registration and Log-in

Follow the easy set-up steps that will activate SmartThinQ's impressive feature.

Wi-Fi Connectivity

Let's every member of your family choose their own preferred air conditioning temperature and fan speed, then save the settings in their app to run later. You can save the setting for each air conditioner as well.

Multiple Devices

Multi-Control

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

CEILING MOUNTED CASSETTE

Human Detect Sensor & Humidity Sensor

The interior of the air conditioner is maintained clean by drying off the heat exchanger, then sterilizing the interior once more.
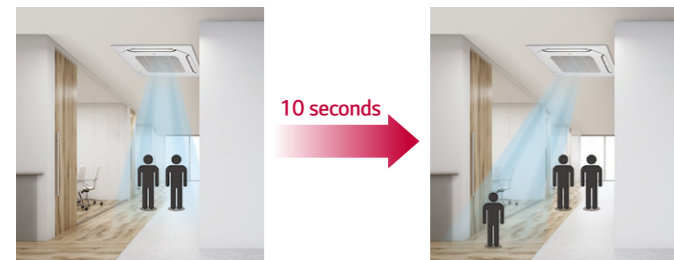
Human detection sensor
(PTVSMA0)

Apply human detect sensor
Apply vision sensor
- Saving energy
- Supply comfortable flow
- Sensor is optional accessory only
  can be applied to PT-MCHW0

Humidity
Sensor

Turbo fan

Air out   Drain pan   ⇧   Air ou
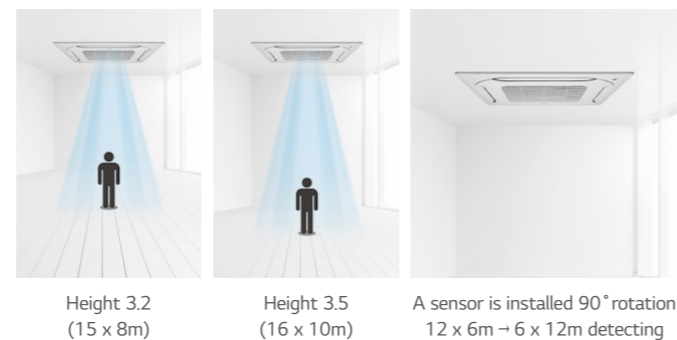   Air in

Comfortable and Power Saving Control based on Humidity
Apply humidity sensor
- Saving energy
  (To apply humidity sensor, new remote controller, PREMTB100 or PREMTBB10 is needed)

Direction control based on human motion

Air flow direction is controlled automatically by motion sensor that detects the activity of people every 10 seconds.
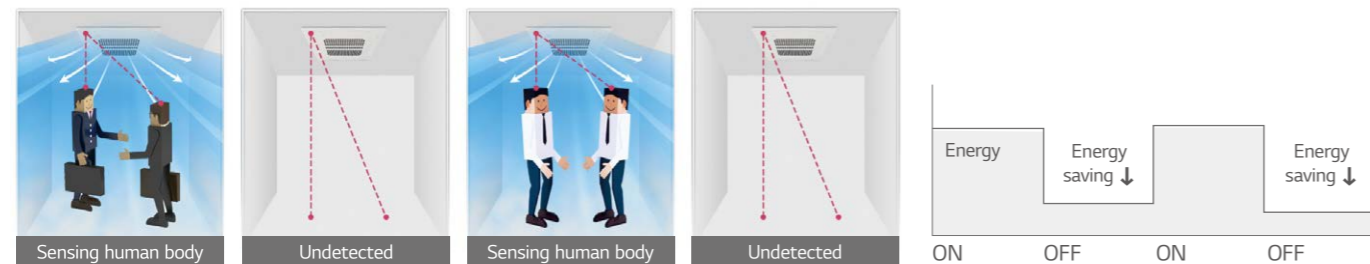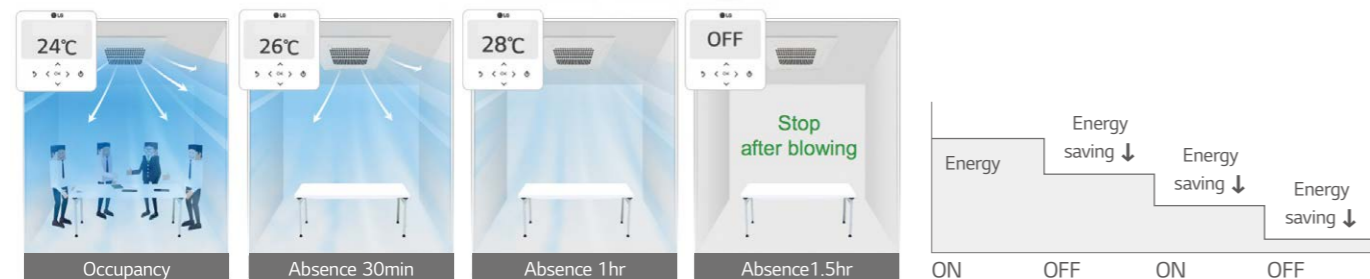
10 seconds

Detection range

Height 3.2
(15 x 8m)

Height 3.5
(16 x 10m)

A sensor is installed 90° rotation
12 x 6m → 6 x 12m detecting

On/Off mode

The indoor unit automatically stops when detecting absence. It runs as the s us mode when sensing human body.

Sensing human body | Undetected | Sensing human body | Undetected

Energy | Energy saving ↓ | Energy saving ↓

ON   OFF   ON   OFF

Temperature control mode

Energy savings by automatically setting target temperature during absence. (5/10/15/30/60min)

24℃ | 26℃ | 28℃ | OFF
Occupancy | Absence 30min | Absence 1hr | Absence1.5hr

Stop after blowing

Energy | Energy saving ↓ | Energy saving ↓ | Energy saving ↓

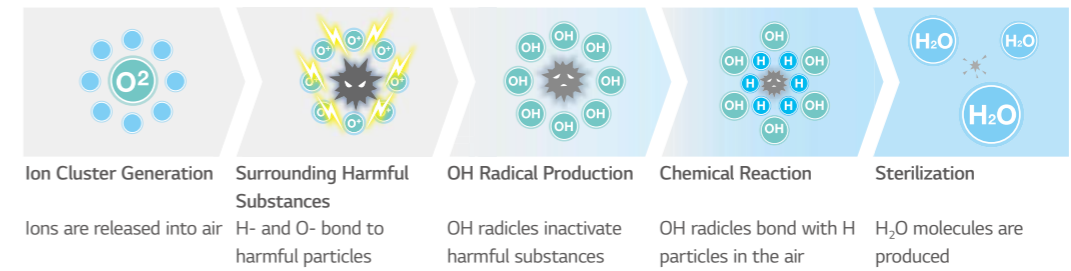ON   OFF   ON   OFF

Ionizer PLUS

The powerful Ionizer protects you from bad odors and harmful and contagious particles in the air with over 3 million ions to sterilize not only the air passing through the air conditioner, but also surrounding surfaces for a safer, and cleaner environment.

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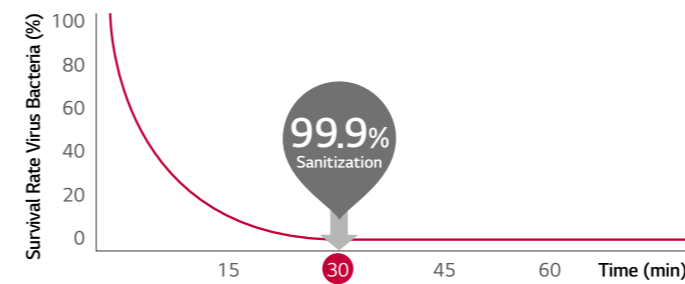* Depending on the experimental conditions.

Sterilization and Deodorization (Utilizes Over 3 Million Ions)

Ionizer+ reduces harmful and contagious microscopic particles by infusing the air passing through the air conditioner with over 3 million ions.
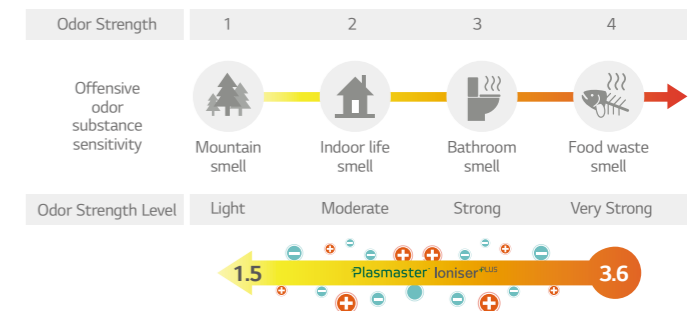
Ion Cluster Generation | Surrounding Harmful Substances | OH Radical Production | Chemical Reaction | Sterilization

Ions are released into air | H- and O- bond to harmful particles | OH radicles inactivate harmful substances | OH radicles bond with H particles in the air | H_2O molecules are produced

Sterilization Performance Evaluations

Sterilize Bacteria (E.coli colon bacillus) over 99.9% in 30 min.

Survival Rate Virus Bacteria (%)

100
80
60
40
20
0

99.9% Sanitization

15   30   45   60   Time (min)

* Test Conditions : Space : 52m³ Chamber
  Temperature & Humidity : Normal
  Bacteria : Staphylococus Aureus

Odor Strength	1	2	3	4
Offensive odor substance sensitivity	Mountain smell	Indoor life smell	Bathroom smell	Food waste smell
Odor Strength Level	Light	Moderate	Strong	Very Strong

1.5   Plasmaster Ioniser PLUS   3.6

Odor strength reduce 3.6 → 1.5 / The Odor floating in the room as well as curtain and clothes.

Auto Cleaning

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

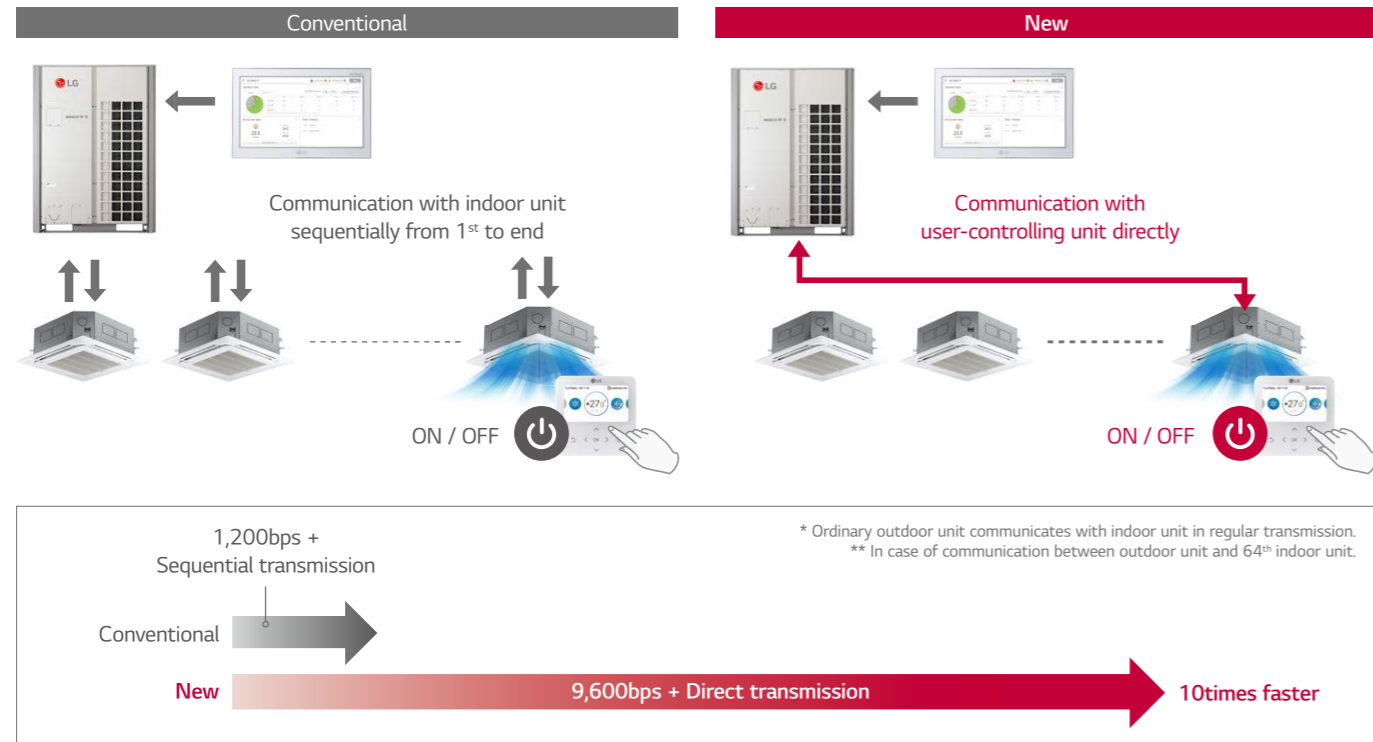* Specifications may vary for each model.

Cleans Filter with Regular Airflow

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

By dehumidifying, the auto cleaning function eliminates substances that might be harmful.

The indoor environment remains odorless with the advanced deodorizing function.

By preventing polluting of the heat exchanger caused by various germs and bacteria, the performance and life span of the air conditioner do not wither away even after a period of 10 years.

OUTDOOR UNITS
INDOOR UNITS
HOT WATER SOLUTION
VENTILATION SOLULTIONS
CONTROL SOLUTIONS
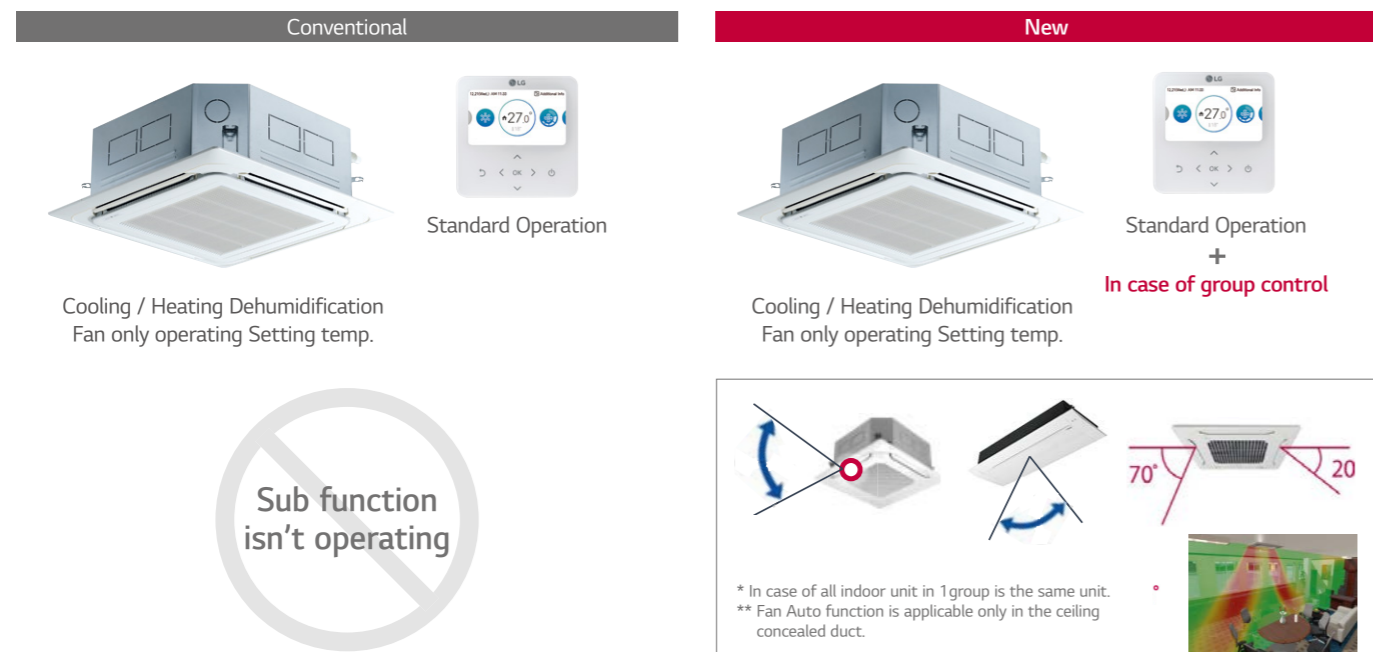ACCESSORIES

CEILING MOUNTED CASSETTE

Quick Control

4th Generation indoor unit offers rapid heating and cooling about 10times faster than conventional through communication mode change and improved communication speed.

Conventional	New
Communication with indoor unit sequentially from 1st to end	Communication with user-controlling unit directly
ON / OFF	ON / OFF

1,200bps + Sequential transmission

* Ordinary outdoor unit communicates with indoor unit in regular transmission.
** In case of communication between outdoor unit and 64th indoor unit.

Conventional

New — 9,600bps + Direct transmission — 10times faster

Group Control

In case of group control, user can control much more function than conventional

Conventional	New
Standard Operation	Standard Operation + In case of group control
Cooling / Heating Dehumidification Fan only operating Setting temp.	Cooling / Heating Dehumidification Fan only operating Setting temp.

Sub function isn't operating

* In case of all indoor unit in 1group is the same unit.
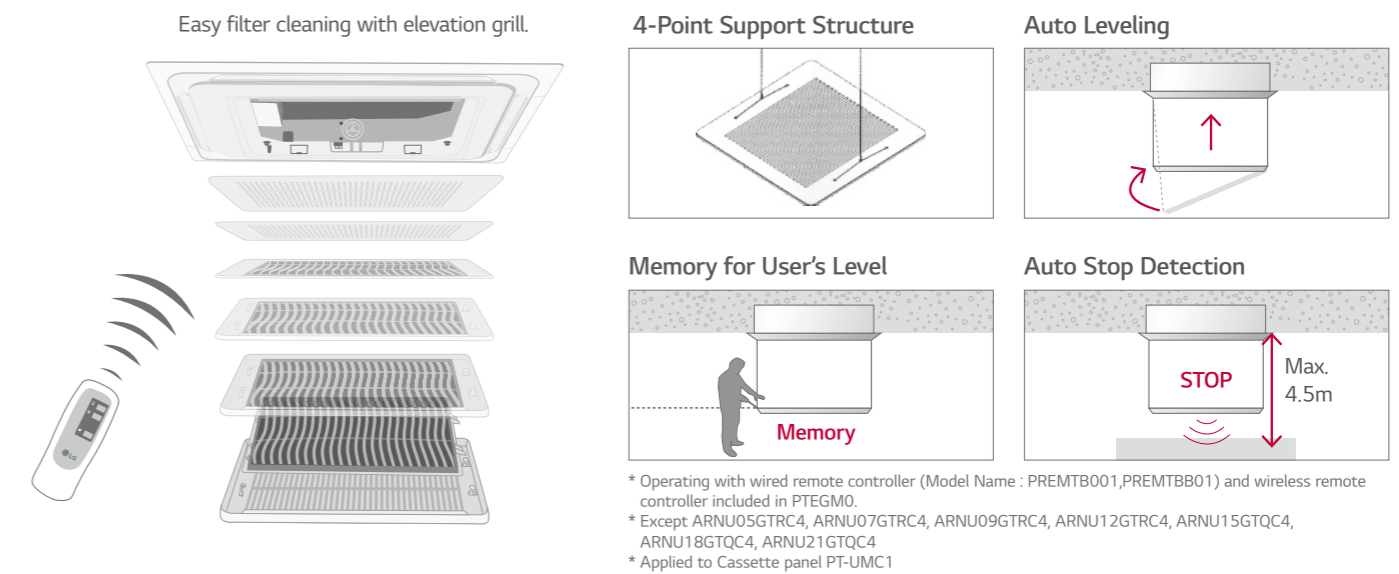** Fan Auto function is applicable only in the ceiling concealed duct.

Independent Vane Control

The Independent Vane Operation feature uses separate motors, making it possible to control all four vanes independently.
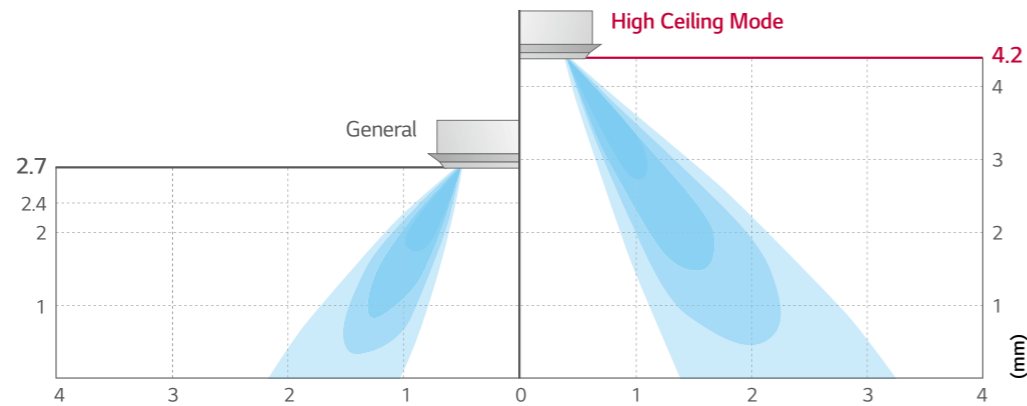
Indirect air flow	Direct air flow
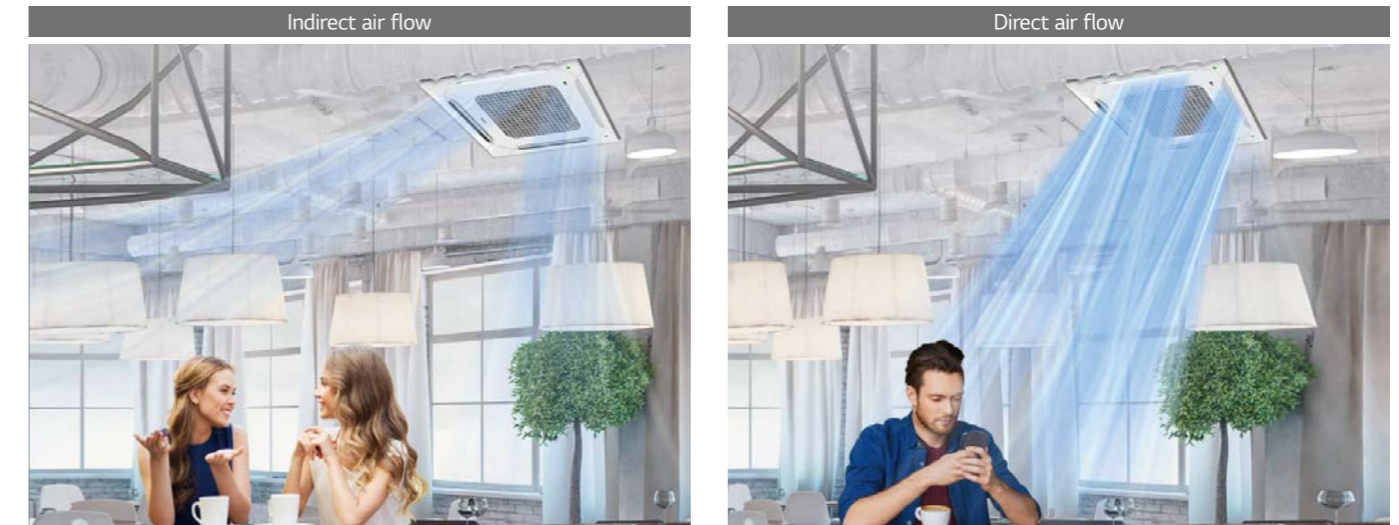
Auto Elevation Grille

The Independent Vane Operation feature uses separate motors, making it possible to control all four vanes independently.

Easy filter cleaning with elevation grill.

4-Point Support Structure

Auto Leveling

Memory for User's Level

Memory

Auto Stop Detection

STOP — Max. 4.5m

* Operating with wired remote controller (Model Name : PREMTB001,PREMTBB01) and wireless remote controller included in PTEGM0.
* Except ARNU05GTRC4, ARNU07GTRC4, ARNU09GTRC4, ARNU12GTRC4, ARNU15GTQC4, ARNU18GTQC4, ARNU21GTQC4
* Applied to Cassette panel PT-UMC1

CEILING MOUNTED CASSETTE

High Ceiling Mode

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


6-Step Vane Control

The Independent Vane Operation feature uses separate motors, making it possible to control all four vanes independently. There are 6 different steps to control air flow direction. Also 1 way cassette has a vane able to execute auto swing between left and right as 120 degree.

Left and Right (auto swing)

Up and Down (6 step)

Adjustable Vane
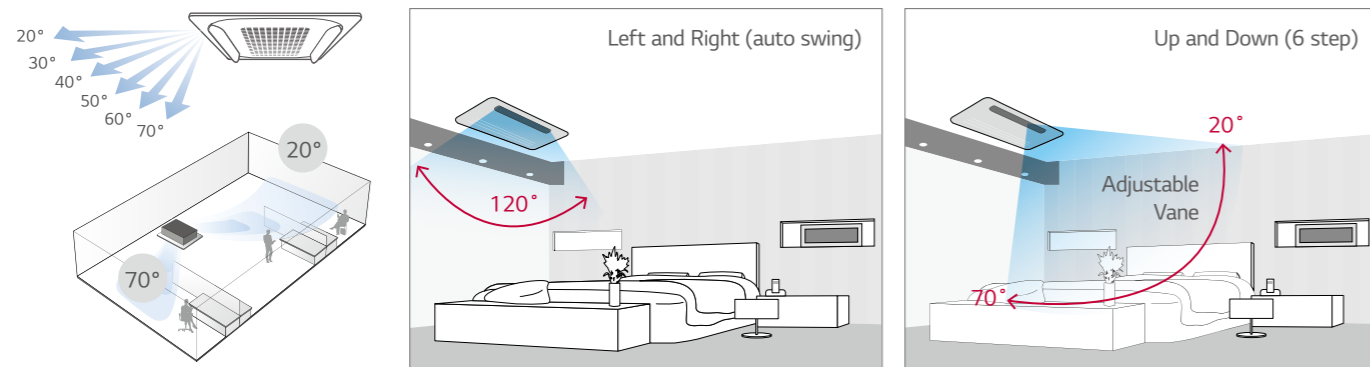
Minimized Height

LG 1 Way cassette isn't affected by installation environment. LG 1 Way cassette height is 132mm and duct is 190mm, so it can provide ideal solution for installation in limited space.
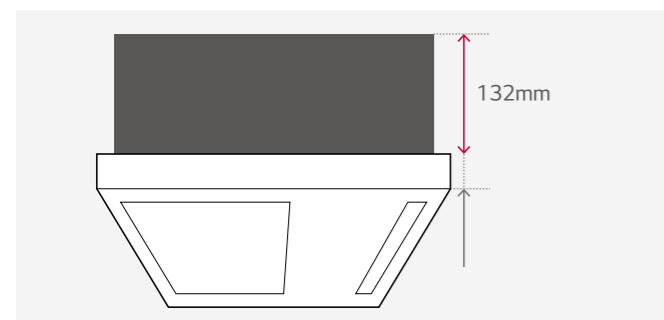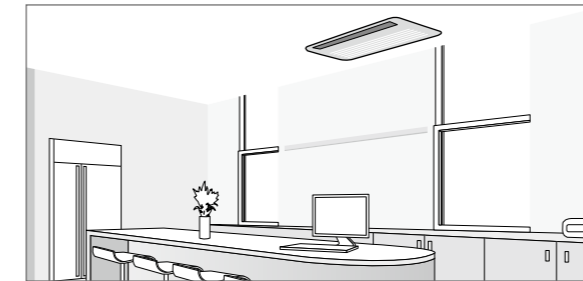

Size Comparison

(Unit : mm)

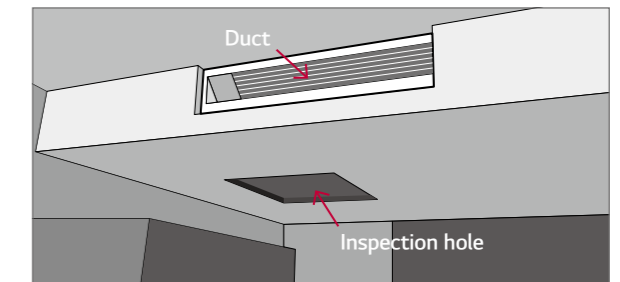|	A company	B company	LG
1 way cassette	215	230	132

Flexible Installation

The inspection access hole doesn't require additional ducted space allowing for simple installation scene to be possible.
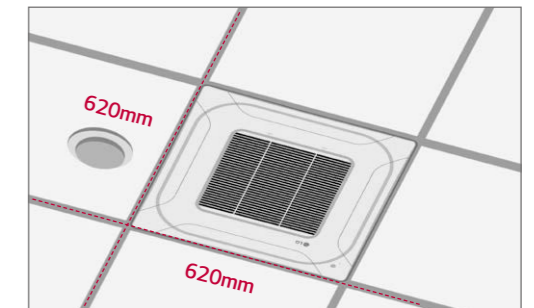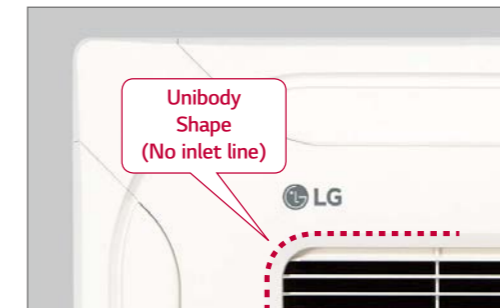
1 Way cassette

Duct

Compact and Stylish Design

New 4 Way cassette panel adapted unibody shape and matching with into the ceiling, Panel size is fit into the ceiling tile

Unibody Shape (No inlet line)

620mm

620mm

Compact Size

The indoor unit with slim and compact dimensions has reduced the restriction which enables successful installation in vario us spaces.
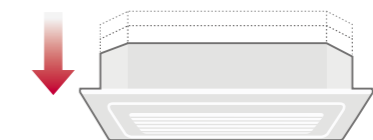
Capacity	Height
7.1 ~ 9.0kW	204mm
10.6kW	246mm
12.3 ~ 15.8kW	288mm

* Length width : 840 x 840mm

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.

Drain leakage check

Hanger adjust

4 Way CASSETTE (570 X 570)

ARNU05GTRD4 / ARNU07GTRD4 / ARNU09GTRD4 / ARNU12GTRD4
ARNU15GTQD4 / ARNU18GTQD4 / ARNU21GTQD4
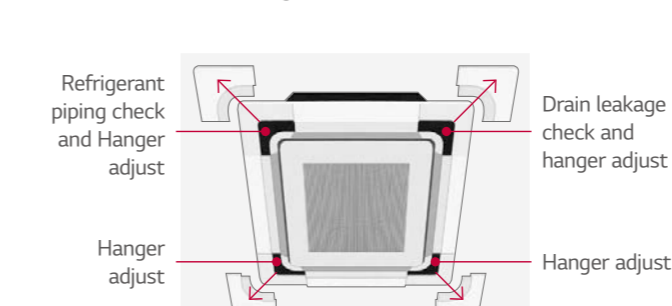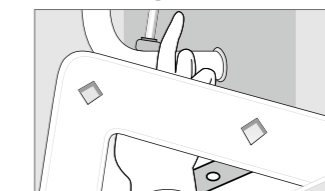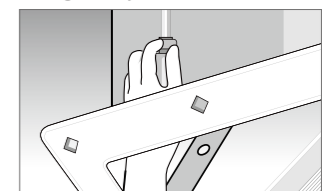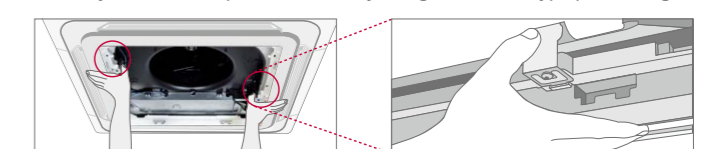
Model		Unit	ARNU05GTRD4	ARNU07GTRD4	ARNU09GTRD4	ARNU12GTRD4	ARNU15GTQD4	ARNU18GTQD4	ARNU21GTQD4
Cooling Capacity		kW	1.6	2.2	2.8	3.6	4.5	5.6	6.0
Heating Capacity		kW	1.8	2.5	3.2	4.0	5.0	6.3	6.8
Power Input (H / M / L)	Nominal	W	13 / 12 / 11	13 / 12 / 11	14 / 13 / 12	17 / 15 / 13	24 / 21 / 18	25 / 22 / 19	28 / 23 / 20
Dimensions (W x H x D)	Body	mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	570 x 256 x 570	570 x 256 x 570
	Shipping	mm	667 x 285 x 646	667 x 285 x 646	667 x 285 x 646	667 x 285 x 646	667 x 327 x 646	667 x 327 x 646	667 x 327 x 646
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	43 x 1	43 x 1	43 x 1	43 x 1	43 x 1	43 x 1	43 x 1
	Air Flow Rate (H / M / L)	m³/min	7.5 / 7.0 / 6.6	7.5 / 7.0 / 6.6	8.0 / 7.5 / 7.1	8.7 / 8.0 / 7.0	11.0 / 10.0 / 9.3	11.2 / 11.0 / 10.0	12.0 / 11.1 / 9.4
	Motor type		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	12.6	12.6	13.7	13.7	15.0	15.0	15.0
Sound Pressure Levels (H / M / L)		dB(A)	29 / 27 / 26	29 / 27 / 26	30 / 29 / 27	32 / 30 / 27	36 / 34 / 32	37 / 35 / 34	40 / 38 / 34
Sound Power Levels (H / M / L)		dB(A)	45 / 43 / 42	45 / 43 / 42	46 / 43 / 42	48 / 46 / 43	50 / 48 / 46	51 / 50 / 46	53 / 51 / 46
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	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620
	Net Weight	kg	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
    - Cooling : Indoor temp. 27℃ (80.6°F) DB / 19℃ (66.2°F) WB, Outdoor temp. 35℃ (95°F) DB / 24℃ (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    - Heating : Indoor temp. 20℃ (68°F) DB / 15℃ (59°F) WB, Outdoor temp. 7℃ (44.6°F) DB / 6℃ (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU05GTRD4	ARNU07GTRD4	ARNU09GTRD4	ARNU12GTRD4	ARNU15GTQD4	ARNU18GTQD4	ARNU21GTQD4
Drain Pump	○						
Cassette Cover	PTDCQ						
Refrigerant Leakage Detector	PRLDNVS0						
EEV Kit	PRGK024A0 (~4.5kW)						
Independent Power Module	PRIP0						
Robot Cleaner	-						
Pre Filter (washable / anti-fungus)	○						
Ion Generator	-						
CO₂ Sensor	-						
Ventilation Kit	PTVK430						
IR Receiver	-						
Zone Controller	-						
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB501 (Modbus)						
External Input (1 point)	-						
Wi-Fi	PWFMDD200						

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

ARNU05GTRC4 / ARNU07GTRC4 / ARNU09GTRC4 / ARNU12GTRC4
ARNU15GTQC4 / ARNU18GTQC4 / ARNU21GTQC4

Model		Unit	ARNU05GTRC4	ARNU07GTRC4	ARNU09GTRC4	ARNU12GTRC4	ARNU15GTQC4	ARNU18GTQC4	ARNU21GTQC4
Cooling Capacity		kW	1.6	2.2	2.8	3.6	4.5	5.6	6.0
Heating Capacity		kW	1.8	2.5	3.2	4.0	5.0	6.3	6.8
Power Input (H / M / L)	Nominal	W	13 / 12 / 11	13 / 12 / 11	14 / 13 / 12	17 / 15 / 13	24 / 21 / 18	25 / 22 / 19	28 / 23 / 20
Dimensions (W x H x D)	Body	mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	570 x 256 x 570	570 x 256 x 570
	Shipping	mm	667 x 285 x 646	667 x 285 x 646	667 x 285 x 646	667 x 285 x 646	667 x 327 x 646	667 x 327 x 646	667 x 327 x 646
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	43 x 1	43 x 1	43 x 1	43 x 1	43 x 1	43 x 1	43 x 1
	Air Flow Rate (H / M / L)	m³/min	7.5 / 7.0 / 6.6	7.5 / 7.0 / 6.6	8.0 / 7.5 / 7.1	8.7 / 8.0 / 7.0	11.0 / 10.0 / 9.3	11.2 / 11.0 / 10.0	12.0 / 11.1 / 9.4
	Motor type		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	12.6	12.6	13.7	13.7	15.0	15.0	15.0
Sound Pressure Levels (H / M / L)		dB(A)	29 / 27 / 26	29 / 27 / 26	30 / 29 / 27	32 / 30 / 27	36 / 34 / 32	37 / 35 / 34	40 / 38 / 34
Sound Power Levels (H / M / L)		dB(A)	45 / 43 / 42	45 / 43 / 42	46 / 43 / 42	48 / 46 / 43	50 / 48 / 46	51 / 50 / 46	53 / 51 / 46
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	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620	700 x 22 x700 620 x 20 x 620
	Net Weight	kg	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
    - Cooling : Indoor temp. 27℃ (80.6°F) DB / 19℃ (66.2°F) WB, Outdoor temp. 35℃ (95°F) DB / 24℃ (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    - Heating : Indoor temp. 20℃ (68°F) DB / 15℃ (59°F) WB, Outdoor temp. 7℃ (44.6°F) DB / 6℃ (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU05GTRC4	ARNU07GTRC4	ARNU09GTRC4	ARNU12GTRC4	ARNU15GTQC4	ARNU18GTQC4	ARNU21GTQC4
Drain Pump	○						
Cassette Cover	PTDCQ						
Refrigerant Leakage Detector	PRLDNVS0						
EEV Kit	PRGK024A0 (~4.5kW)						
Independent Power Module	PRIP0						
Robot Cleaner	-						
Pre Filter (washable / anti-fungus)	○						
Ion Generator	-						
CO₂ Sensor	-						
Ventilation Kit	PTVK430						
IR Receiver	-						
Zone Controller	-						
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)						
External Input (1 point)	○						
Wi-Fi	-						

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

4 Way CASSETTE (840 X 840)

OUTDOOR UNITS
INDOOR UNITS
HOT WATER SOLUTION
VENTILATION SOLUTIONS
CONTROL SOLUTIONS
ACCESSORIES

ARNU24GTPC4 / ARNU28GTPC4 / ARNU30GTPC4 / ARNU36GTNC4

Model		Unit	ARNU24GTPC4	ARNU28GTPC4	ARNU30GTPC4	ARNU36GTNC4
Cooling Capacity		kW	7.1	8.2	9.0	10.6
Heating Capacity		kW	8.0	9.2	10.0	11.9
Power Input (H / M / L)	Nominal	W	31 / 26 / 23	40 / 31 / 25	40 / 34 / 27	70 / 53 / 43
Dimensions (W x H x D)	Body	mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840
	Shipping	mm	922 x 276 x 917	922 x 276 x 917	922 x 276 x 917	922 x 318 x 917
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	30 x 1	30 x 1	30 x 1	135 x 1
	Air Flow Rate (H / M / L)	m³/min	17.0 / 15.0 / 13.0	19.0 / 16.0 / 14.0	24.3 / 22.8 / 19.5	25.0 / 21.0 / 19.0
	Motor type		BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	20.8	20.8	20.8	23.5
Sound Pressure Levels (H / M / L)		dB(A)	36 / 34 / 31	39 / 35 / 33	40 / 36 / 33	43 / 40 / 37
Sound Power Levels (H / M / L)		dB(A)	46 / 44 / 43	52 / 46 / 44	58 / 57 / 54	56 / 53 / 51
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950
	Net Weight	kg	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU24GTPC4	ARNU28GTPC4	ARNU30GTPC4	ARNU36GTNC4
Drain Pump		○		
Cassette Cover		PTDCM		
Refrigerant Leakage Detector		PRLDNVS0		
EEV Kit		-		
Independent Power Module		PRIP0		
Robot Cleaner		-		
Pre Filter (washable / anti-fungus)		○		
Ion Generator		-		
CO₂ Sensor		-		
Ventilation Kit		PTVK430		
IR Receiver		-		
Zone Controller		-		
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB502 (Modbus)		
External Input (1 point)		○		
Wi-Fi		PWFMDD200		

※ ○ : Applied, - : Not applied
Option : Refer to model name in table

ARNU42GTM / C4ARNU48GTMC4 / ARNU54GTMC4

Model		Unit	ARNU42GTMC4	ARNU48GTMC4	ARNU54GTMC4
Cooling Capacity		kW	12.3	14.1	15.8
Heating Capacity		kW	13.8	15.9	18.0
Power Input (H / M / L)	Nominal	W	104 / 75 / 53	120 / 80 / 62	135 / 93 / 70
Dimensions (W x H x D)	Body	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Shipping	mm	922 x 360 x 917	922 x 360 x 917	922 x 360 x 917
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	135 x 1	135 x 1	135 x 1
	Air Flow Rate (H / M / L)	m³/min	30.0 / 28.0 / 24.0	31.0 / 29.0 / 27.0	34.0 / 32.0 / 27.0
	Motor type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	25.6	25.6	26.5
Sound Pressure Levels (H / M / L)		dB(A)	44 / 41 / 38	46 / 43 / 41	50 / 48 / 44
Sound Power Levels (H / M / L)		dB(A)	58 / 55 / 50	60 / 56 / 55	60 / 58 / 55
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 9 50 x 35 x 950	950 x 25 x 950 950 x 35 x 950
	Net Weight	kg	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU42GTMC4	ARNU48GTMC4	ARNU54GTMC4
Drain Pump		○	
Cassette Cover		PTDCM	
Refrigerant Leakage Detector		PRLDNVS0	
EEV Kit		-	
Independent Power Module		PRIP0	
Robot Cleaner		-	
Pre Filter (washable / anti-fungus)		○	
Ion Generator		-	
CO₂ Sensor		-	
Ventilation Kit		PTVK430	
IR Receiver		-	
Zone Controller		-	
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB502 (Modbus)	
External Input (1 point)		○	
Wi-Fi		PWFMDD200	

※ ○ : Applied, - : Not applied
Option : Refer to model name in table

4 Way CASSETTE HIGH SENSIBLE (840 X 840)

ARNU07GTNA4 / ARNU09GTNA4 / ARNU12GTNA4
ARNU15GTNA4 / ARNU18GTNA4

Model		Unit	ARNU07GTNA4	ARNU09GTNA4	ARNU12GTNA4	ARNU15GTNA4	ARNU18GTNA4
Cooling Capacity		kW	2.2	2.8	3.6	4.5	5.6
Heating Capacity		kW	2.5	3.2	4	5	6.3
Power Input (H / M / L)	Nominal	W	18 / 15 / 12	19 / 15 / 12	22 / 17 / 14	25 / 17 / 14	27 / 18 / 14
Dimensions (W x H x D)	Body	mm	840 x 246 x 840	840 x 246 x 840	840 x 246 x 840	840 x 246 x 840	840 x 246 x 840
	Shipping	mm	922 x 318 x 917	922 x 318 x 917	922 x 318 x 917	922 x 318 x 917	922 x 318 x 917
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	135 x 1	135 x 1	135 x 1	135 x 1	135 x 1
	Air Flow Rate (H / M / L)	m³/min	13.0 / 12.0 / 11.0	13.5 / 12.0 / 11.0	14.0 / 13.0 / 12.0	15.0 / 13.0 / 12.0	16.0 / 14.0 / 12.0
	Motor type		BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	23.5	23.5	23.5	23.5	23.5
Sound Pressure Levels (H / M / L)		dB(A)	35 / 33 / 30	35 / 33 / 30	37 / 35 / 33	39 / 35 / 33	40 / 35 / 33
Sound Power Levels (H / M / L)		dB(A)	42 / 38 / 36	42 / 38 / 36	43 / 40 / 38	44 / 40 / 38	45 / 41 / 38
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
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950
	Net Weight	kg	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU07GTNA4	ARNU09GTNA4	ARNU12GTNA4	ARNU15GTNA4	ARNU18GTNA4
Drain Pump			○		
Cassette Cover			PTDCM		
Refrigerant Leakage Detector			PRLDNVS0		
EEV Kit			-		
Independent Power Module			PRIP0		
Robot Cleaner			-		
Pre Filter (washable / anti-fungus)			○		
Ion Generator			-		
CO₂ Sensor			-		
Ventilation Kit			PTVK430		
IR Receiver			-		
Zone Controller			-		
Dry Contact (with additional accessory)			PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)		
External Input (1 point)			○		
Wi-Fi			PWFMDD200		

※ ○ : Applied, - : Not applied
Option : Refer to model name in table

ARNU24GTMA4 / ARNU28GTMA4
ARNU36GTMA4 / ARNU42GTMA4

Model		Unit	ARNU24GTMA4	ARNU28GTMA4	ARNU36GTMA4	ARNU42GTMA4
Cooling Capacity		kW	7.1	8.2	10.6	12.3
Heating Capacity		kW	8	9.2	11.9	13.8
Power Input (H / M / L)	Nominal	W	47 / 39 / 31	52 / 43 / 31	64 / 47 / 34	104 / 75 / 53
Dimensions (W x H x D)	Body	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Shipping	mm	922 x 360 x 917	922 x 360 x 917	922 x 360 x 917	922 x 360 x 917
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	135 x 1	135 x 1	135 x 1	135 x 1
	Air Flow Rate (H / M / L)	m³/min	22.0 / 20.0 / 18.0	23.0 / 20.0 / 18.0	26.0 / 23.0 / 20.0	30.0 / 26.0 / 23.0
	Motor type		BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	25.6	25.6	25.6	25.6
Sound Pressure Levels (H / M / L)		dB(A)	42 / 40 / 38	43 / 41 / 38	46 / 42 / 39	49 / 45 / 42
Sound Power Levels (H / M / L)		dB(A)	48 / 45 / 43	49 / 47 / 43	52 / 48 / 44	55 / 51 / 48
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950
	Net Weight	kg	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU24GTMA4	ARNU28GTMA4	ARNU36GTMA4	ARNU42GTMA4
Drain Pump			○	
Cassette Cover			PTDCM	
Refrigerant Leakage Detector			PRLDNVS0	
EEV Kit			-	
Independent Power Module			PRIP0	
Robot Cleaner			-	
Pre Filter (washable / anti-fungus)			○	
Ion Generator			-	
CO₂ Sensor			-	
Ventilation Kit			PTVK430	
IR Receiver			-	
Zone Controller			-	
Dry Contact (with additional accessory)			PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)			○	
Wi-Fi			PWFMDD200	

※ ○ : Applied, - : Not applied
Option : Refer to model name in table

2 Way CASSETTE

ARNU09GTSC4 / ARNU12GTSC4
ARNU18GTSC4 / ARNU24GTSC4

Model		Unit	ARNU09GTSC4	ARNU12GTSC4	ARNU18GTSC4	ARNU24GTSC4
Cooling Capacity		kW	2.8	3.6	5.6	7.1
Heating Capacity		kW	3.2	4	6.3	8
Power Input (H / M / L)	Nominal	W	16 / 14 / 11	18 / 14 / 11	19 / 16 / 14	31 / 22 / 14
Dimensions (W x H x D)	Body	mm	830 x 225 x 600	830 x 225 x 600	830 x 225 x 600	830 x 225 x 600
	Shipping	mm	1,033 x 270 x 665	1,033 x 270 x 665	1,033 x 270 x 665	1,033 x 270 x 665
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W x No.	37 x 1	37 x 1	37 x 1	37 x 1
	Air Flow Rate (H / M / L)	m³/min	10.8 / 9.8 / 9.1	11.1 / 10.3 / 9.1	11.8 / 10.8 / 9.8	14.5 / 12.4 / 10.3
	Motor type		BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	18.1	18.1	18.1	18.1
Sound Pressure Levels (H / M / L)		dB (A)	33 / 31 / 29	34 / 32 / 29	35 / 33 / 31	40 / 37 / 33
Sound Power Levels (H / M / L)		dB (A)	42 / 40 / 38	43 / 41 / 39	44 / 42 / 40	48 / 45 / 40
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-USC	PT-USC	PT-USC	PT-USC
	Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	1,100 x 28 x 690	1,100 x 28 x 690	1,100 x 28 x 690	1,100 x 28 x 690
	Net Weight	kg	4.7	4.7	4.7	4.7

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
    - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    2. Due to our policy of innovation some specifications may be changed without notification
    3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU09GTSC4	ARNU12GTSC4	ARNU18GTSC4	ARNU24GTSC4
Drain Pump		○		
Cassette Cover		-		
Refrigerant Leakage Detector		PRLDNVS0		
EEV Kit		PRGK024A0 (~5.6kW)		
Independent Power Module		PRIP0		
Robot Cleaner		-		
Pre Filter (washable / anti-fungus)		○		
Ion Generator		-		
CO₂ Sensor		-		
Ventilation Kit		-		
IR Receiver		-		
Zone Controller		-		
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)		
External Input (1 point)		○		
Wi-Fi		PWFMDD200		

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

1 Way CASSETTE

ARNU07GTUD4 / ARNU09GTUD4 / ARNU12GTUD4
ARNU18GTTD4 / ARNU24GTTD4

Model		Unit	ARNU07GTUC4	ARNU09GTUC4	ARNU12GTUC4	ARNU18GTTC4	ARNU24GTTC4
Cooling Capacity		kW	2.2	2.8	3.6	5.6	7.1
Heating Capacity		kW	2.5	3.2	4.0	6.3	7.1
Power Input (H / M / L)	Nominal	W	20 / 18 / 16	22 / 20 / 18	24 / 22 / 20	38 / 28 / 24	51 / 33 / 26
Dimensions (W x H x D)	Body	mm	860 x 132 x 450	860 x 132 x 450	860 x 132 x 450	1,180 x 132 x 450	1,180 x 132 x 450
	Shipping	mm	1,129 x 259 x 538	1,129 x 259 x 538	1,129 x 259 x 538	1,499 x 259 x 538	1,499 x 259 x 538
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	30 x 1	30 x 1	30 x 1	30 x 1	30 x 1
	Air Flow Rate (H / M / L)	m³/min	8.2 / 7.3 / 6.4	9.2 / 8.6 / 8.2	10.0 / 9.2 / 8.2	13.3 / 12.1 / 10.9	14.6 / 13.3 / 11.5
	Motor type		BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25(1)	Ø25(1)	Ø25(1)	Ø25(1)	Ø25(1)
Weight	Body	kg	13.6	13.6	13.6	15.6	15.6
Sound Pressure Levels (H / M / L)		dB (A)	32 / 29 / 25	35 / 34 / 32	38 / 35 / 32	40 / 37 / 35	43 / 40 / 36
Sound Power Levels (H / M / L)		dB (A)	47 / 44 / 41	50 / 48 / 47	52 / 50 / 47	56 / 51 / 48	59 / 53 / 50
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
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UUC(Grill) PT-UUD(Panel)	PT-UUC(Grill) PT-UUD(Panel)	PT-UUC(Grill) PT-UTD(Panel)	PT-UTC(Grill) PT-UTD(Panel)	PT-UTC(Grill) PT-UTD(Panel)
	Exterior Color		Noble White	Noble White	Noble White	Noble White	Noble White
	RAL Code		RAL 9003	RAL 9003	RAL 9003	RAL 9003	RAL 9003
	Net Dimensions (W x H x D)	mm	1,100 x 34 x 500 1,100 x 34 x 500	1,100 x 34 x 500 1,100 x 34 x 500	1,100 x 34 x 500 1,100 x 34 x 500	1,420 x 34 x 500 1,420 x 34 x 500	1,420 x 34 x 500 1,420 x 34 x 500
	Net Weight	kg	4.6 / 5.3	4.6 / 5.3	4.6 / 5.3	5.5 / 6.5	5.5 / 6.5

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
    - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    2. Due to our policy of innovation some specifications may be changed without notification
    3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU07GTUC4	ARNU09GTUC4	ARNU12GTUC4	ARNU18GTTC4	ARNU24GTTC4
Drain Pump		○		○	
Cassette Cover		-			
Refrigerant Leakage Detector		PRLDNVS0		PRLDNVS0	
EEV Kit		PRGK024A0		-	
Independent Power Module		PRIP0		PRIP0	
Robot Cleaner		-		-	
Pre Filter (washable / anti-fungus)		○		○	
Ion Generator		-		-	
CO₂ Sensor		-		-	
Ventilation Kit		-		-	
IR Receiver		-		-	
Zone Controller		-		-	
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB502 (Modbus)	
External Input (1 point)		○		○	
Wi-Fi		-		-	

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

OUTDOOR UNITS | INDOOR UNITS | HOT WATER SOLUTION | VENTILATION SOULUTIONS | CONTROL SOLUTIONS | ACCESSORIES

1 Way CASSETTE

ARNU07GTUD4 / ARNU09GTUD4 / ARNU12GTUD4

Model		Unit	ARNU07GTUD4	ARNU09GTUD4	ARNU12GTUD4
Cooling Capacity		kW	2.2	2.8	3.6
Heating Capacity		kW	2.5	3.2	4.0
Power Input (H / M / L)	Nominal	W	20 / 18 / 16	22 / 20 / 18	24 / 22 / 20
Dimensions (W x H x D)	Body	mm	860 x 132 x 450	860 x 132 x 450	860 x 132 x 450
	Shipping	mm	1,129 x 259 x 538	1,129 x 259 x 538	1,129 x 259 x 538
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	30 x 1	30 x 1	30 x 1
	Air Flow Rate (H / M / L)	m³/min	8.2 / 7.3 / 6.4	9.2 / 8.6 / 8.2	10.0 / 9.2 / 8.2
	Motor type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25(1)	Ø25(1)	Ø25(1)
Weight	Body	kg	13.6	13.6	13.6
Sound Pressure Levels (H / M / L)		dB (A)	32 / 29 / 25	35 / 34 / 32	38 / 35 / 32
Sound Power Levels (H / M / L)		dB (A)	47 / 44 / 41	50 / 48 / 47	52 / 50 / 47
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UUC(Grill) PT-UUD(Panel)	PT-UUC(Grill) PT-UUD(Panel)	PT-UUC(Grill) PT-UUD(Panel)
	Exterior Color		Noble White	Noble White	Noble White
	RAL Code		RAL 9003	RAL 9003	RAL 9003
	Net Dimensions (W x H x D)	mm	1,100 x 34 x 500 1,100 x 34 x 500	1,100 x 34 x 500 1,100 x 34 x 500	1,100 x 34 x 500 1,100 x 34 x 500
	Net Weight	kg	4.6 / 5.3	4.6 / 5.3	4.6 / 5.3

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
  - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU07GTUD4	ARNU09GTUD4	ARNU12GTUD4
Drain Pump		○	
Cassette Cover		-	
Refrigerant Leakage Detector		PRLDNVS0	
EEV Kit		PRGK024A0	
Independent Power Module		PRIP0	
Robot Cleaner		-	
Pre Filter (washable / anti-fungus)		○	
Ion Generator		-	
CO₂ Sensor		-	
Ventilation Kit		-	
IR Receiver		-	
Zone Controller		-	
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB501 (Modbus)	
External Input (1 point)		○	
Wi-Fi		PWFMDD200	

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

ARNU18GTTD4 / ARNU24GTTD4

Model		Unit	ARNU18GTTD4	ARNU24GTTD4
Cooling Capacity		kW	5.6	7.1
Heating Capacity		kW	6.3	7.1
Power Input (H / M / L)	Nominal	W	38 / 28 / 24	51 / 33 / 26
Dimensions (W x H x D)	Body	mm	1,180 x 132 x 450	1,180 x 132 x 450
	Shipping	mm	1,499 x 259 x 538	1,499 x 259 x 538
Fan	Type		Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	30 x 1	30 x 1
	Air Flow Rate (H / M / L)	m³/min	13.3 / 12.1 / 10.9	14.6 / 13.3 / 11.5
	Motor type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25(1)	Ø25(1)
Weight	Body	kg	15.6	15.6
Sound Pressure Levels (H / M / L)		dB (A)	40 / 37 / 35	43 / 40 / 36
Sound Power Levels (H / M / L)		dB (A)	56 / 51 / 48	59 / 53 / 50
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UTC(Grill) PT-UTD(Panel)	PT-UTC(Grill) PT-UTD(Panel)
	Exterior Color		Noble White	Noble White
	RAL Code		RAL 9003	RAL 9003
	Net Dimensions (W x H x D)	mm	1,420 x 34 x 500 1,420 x 34 x 500	1,420 x 34 x 500 1,420 x 34 x 500
	Net Weight	kg	5.5 / 6.5	5.5 / 6.5

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
  - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU18GTTD4	ARNU24GTTD4
Drain Pump		○
Cassette Cover		-
Refrigerant Leakage Detector		PRLDNVS0
EEV Kit		-
Independent Power Module		PRIP0
Robot Cleaner		-
Pre Filter (washable / anti-fungus)		○
Ion Generator		-
CO₂ Sensor		-
Ventilation Kit		-
IR Receiver		-
Zone Controller		-
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB503 (Modbus)
External Input (1 point)		○
Wi-Fi		PWFMDD200

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table
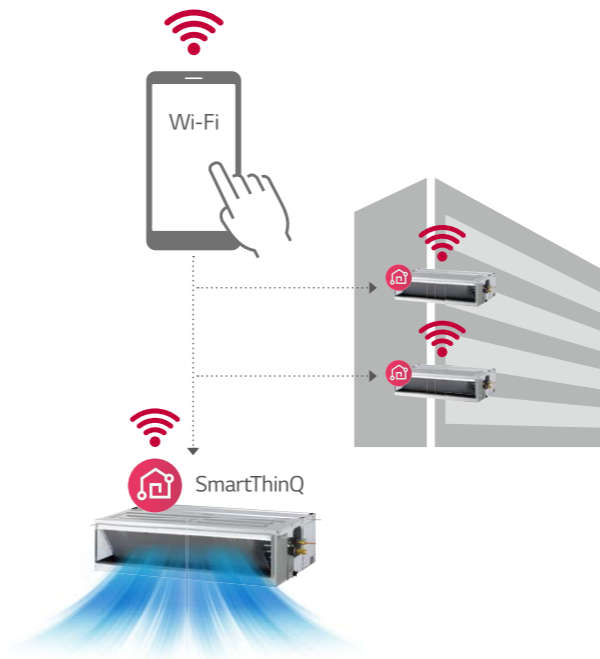
CEILING CONCEALED DUCT

Wi-Fi Control

Control your air conditioners via using the smart internet devices as Android or iOS based smartphones. This advanced technology provides you the best convenience.
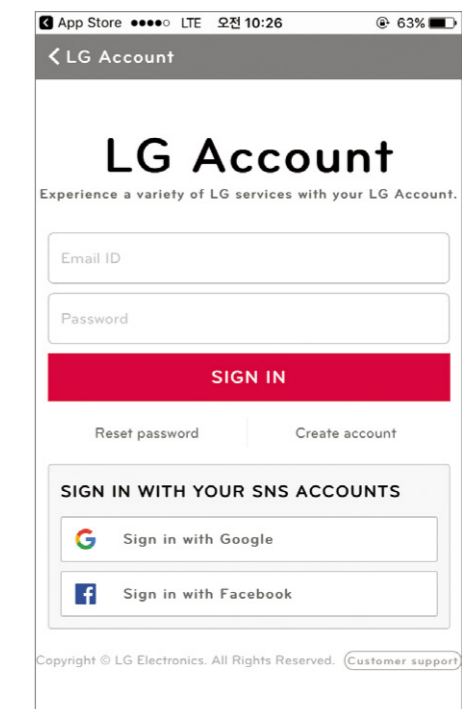
LG SmartThinQ

Search "LG SmartThinQ" on Google market or Appstore then download the app.

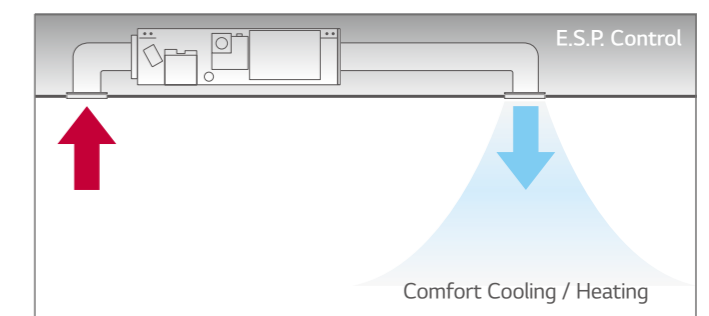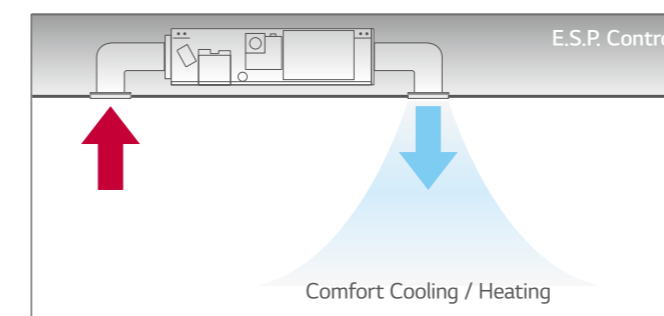**Access your air conditioner anytime and from anywhere**

Easy Registration and Log-in
Follow the easy set-up steps that will activate SmartThinQ's impressive feature.


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

User has an easy access to air volume selection via remote controller secured by the ESP control function. The BLDC motor can control fan speed and air volume regardless of the external static pressure. No additional accessories are necessary to control air flow.

E.S.P. Control — Comfort Cooling / Heating

E.S.P. Control — Comfort Cooling / Heating

Features & Benefits

• E.S.P. Control Function can Make Air Volume Controlled Easily with Remote Controller.

Key Applications

• Hotel / Conference Center
• Retail / Shopping Center
• School
• Office
• Restaurant
• Church
• Historic Building

	Duct	High	Middle	Low
Smart	Wi-Fi	○	○	○
Energy Efficiency	E.S.P Control	○	○	○
Comfort	Drain Pump	○	○	○
	Timer (on / off)	○	○	○
	Timer (weekly)	○	○	○
	Two Thermistor Control	○	○	○
	Group Control	○	○	○

※ ○ : Applied, - : Not applied

OUTDOOR UNITS

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CEILING CONCEALED DUCT

Static Pressure 11 Steps Control

Depending on the installation environment, 4 series ceiling concealed duct is controlled the static pressure to 11 step, for providing comfortable environment suitable for any case scenario.

Conventional	New

1 step
Static Pressure Low Setting

11 steps
Static Pressure Power Setting
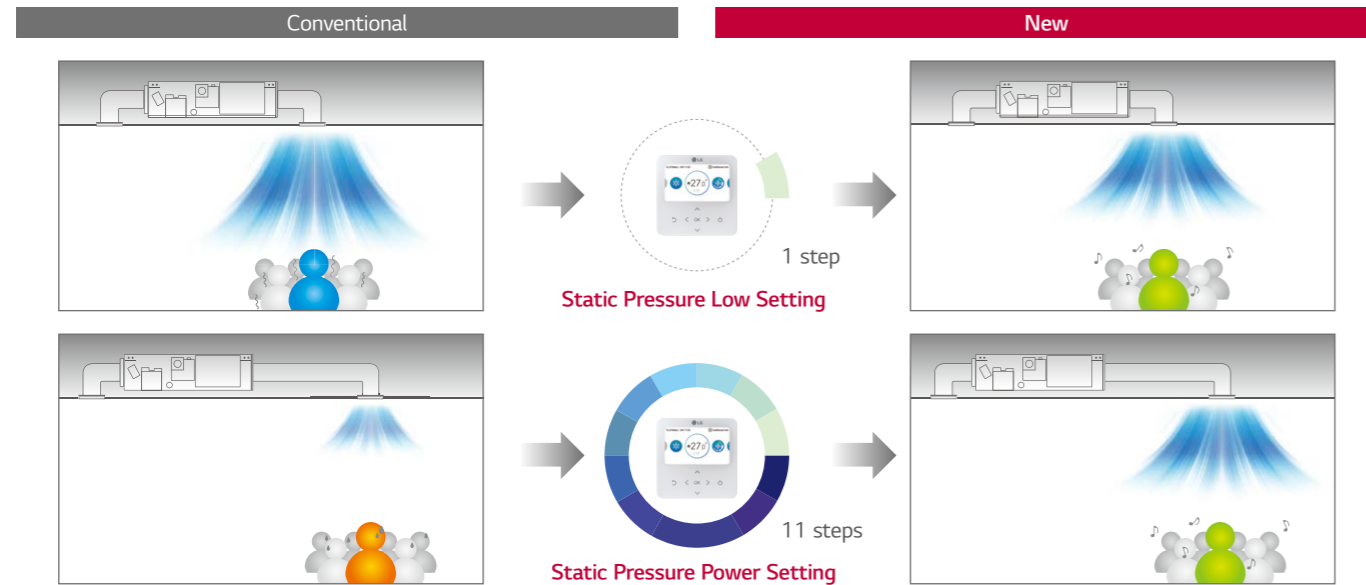
Energy Monitoring (Accumulated Electric Energy Check)

Accumulated electric energy of the indoor unit can be identified with wired remote control, as well as with the central controller. This function is an advantage for energy management.

Install Scene

Watt meter   PDI

Premium wired remote controller — Total accumulated electric energy 595kWh

Standard wired remote controller — Total accumulated electric energy 3,977kWh
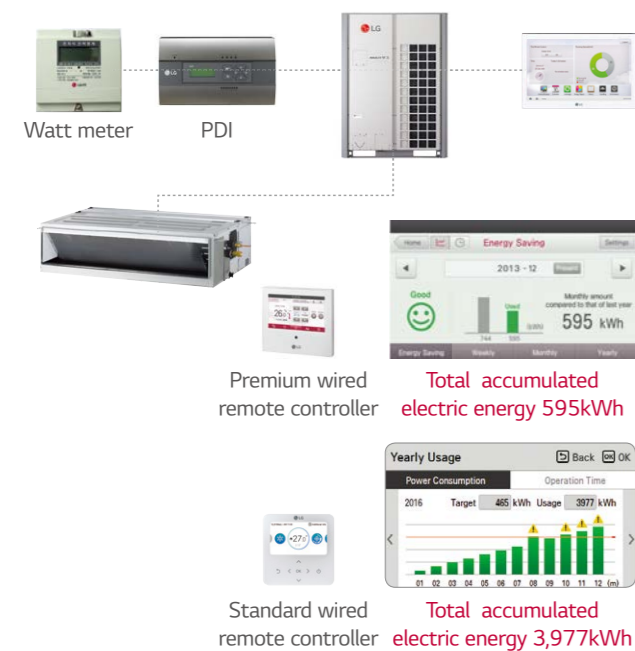
Apply for Multistory Building

100kWh

Total power input

20kWh

50kWh

30kWh

* Outdoor unit's accumulated electric energy / using rate of individual indoor unit + indoor unit's accumulated electric energy is displayed in wired remote controller, only when central controller, digital integrating electricity meter and PDI are installed and PDI, outdoor unit and indoor unit are connected with power wire. Only total accumulated electric energy is displayed in standard wired remote controller. In premium wired remote controller, that are displayed into week / month / year.

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.
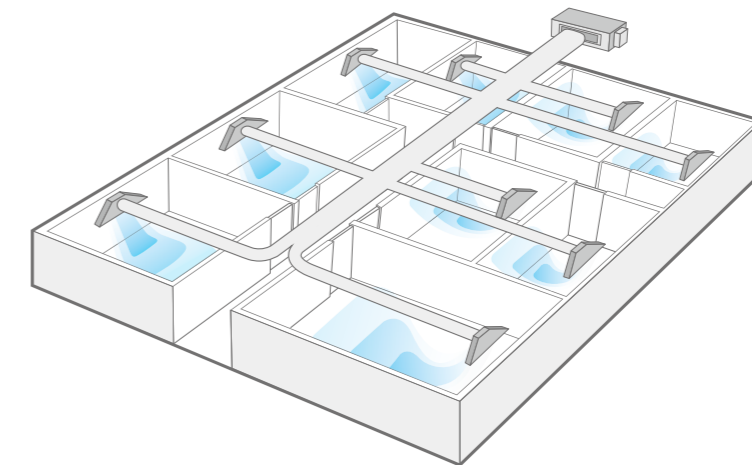
Filter Sign (Remaining Time)

The alarm is activated when the filter needs to be cleaned, and the time remaining for cleaning is displayed on the screen, which is convenient for users.
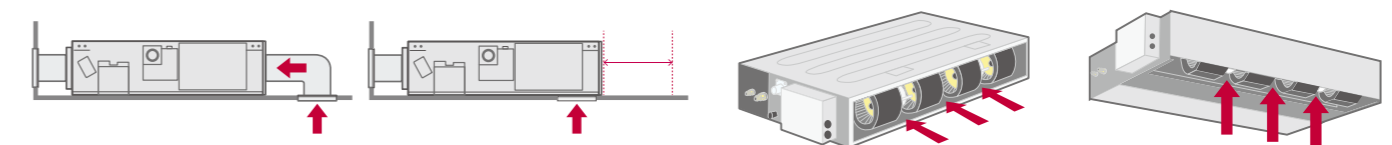
Remain time until indoor filter cleaning + alarm

Standard wired remote controller

Premium wired remote controller

Remain time until indoor filter cleaning 2400hr.   Remain time until indoor filter cleaning 1729hr.
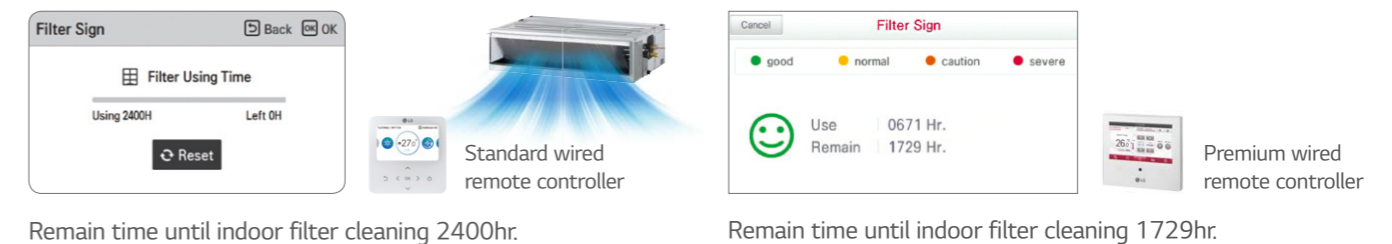
Flexible Installation (Low Static Duct Only)

The low static duct allows the air intake at the rear or bottom under installation condition.
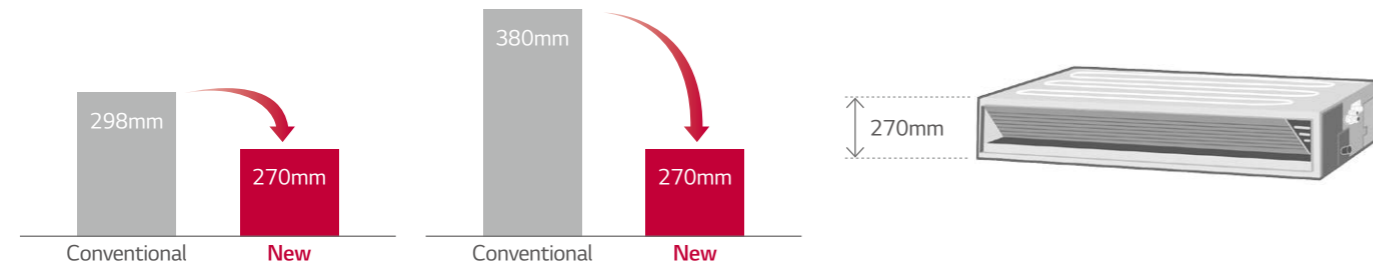
Air intake at the rear or bottom

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

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CEILING CONCEALED DUCT

Minimized Height

New mid-static ducts provide ideal solution for installation in limited space.

8 / 10kW

298mm Conventional → 270mm New

12.5kW

380mm Conventional → 270mm New
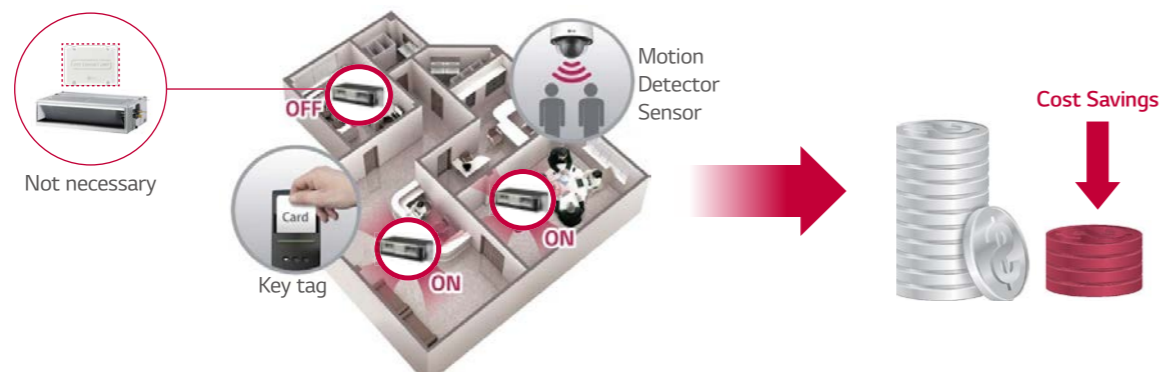
270mm

Two Thermistors Control

The indoor temperature can be checked using the thermi-stors 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 optimise indoor air temperature for a more comfortable environment.

Remote Controller Thermistor

Indoor Units Thermistor
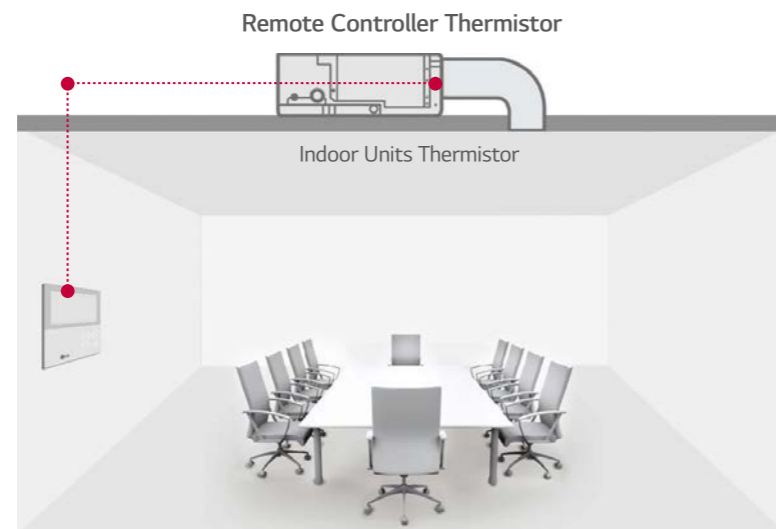
1 Point External Input (On / Off Control)

Indoor units can control external devices without dry contact, so customer can save cost of installation.

Connection between an indoor unit and external devices directly

Not necessary

OFF

Key tag

Card

ON

ON

Motion Detector Sensor

Cost Savings

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

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

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ACCESSORIES

MID STATIC

ARNU07GM1A4 / ARNU09GM1A4 / ARNU12GM1A4
ARNU15GM1A4 / ARNU18GM1A4 / ARNU24GM1A4

Model		Unit	ARNU07GM1A4	ARNU09GM1A4	ARNU12GM1A4	ARNU15GM1A4	ARNU18GM1A4	ARNU24GM1A4
Cooling Capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating Capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input (H / M / L)	Nominal	W	39 / 30 / 25	40 / 32 / 26	46 / 38 / 31	67 / 53 / 46	85 / 63 / 55	91 / 74 / 58
Dimensions (W x H x D)	Body	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700
	Shipping	mm	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	136 x 1	136 x 1	136 x 1	136 x 1	136 x 1	136 x 1
	Air Flow Rate (H / M / L)	m³/min	9.0 / 7.5 / 6.0	9.5 / 7.5 / 6.0	11.0 / 9.0 / 7.0	16.0 / 12.0 / 9.0	17.0 / 14.5 / 12.0	19.0 / 16.0 / 14.0
	External static pressure (High mode)	mmAq (Pa)	6(59)	6(59)	6(59)	6(59)	6(59)	6(59)
	Air Flow Rate (H / M / L) (Standard mode)	m³/min	9.0 / 7.5 / 6.0	9.5 / 7.5 / 6.0	11.0 / 9.0 / 7.0	16.0 / 12.0 / 9.0	17.0 / 14.5 / 12.0	19.0 / 16.0 / 14.0
	External static pressure (Standard mode)	mmAq (Pa)	2.5(25)	2.5(25)	2.5(25)	2.5(25)	2.5(25)	2.5(25)
	Motor type		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	25(1)	25(1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	25.5	25.5	25.5	25.5	25.5	26.5
Sound Pressure Levels (H / M / L)		dB (A)	26 / 24 / 23	27 / 25 / 23	27 / 25 / 23	30 / 27 / 23	31 / 28 / 25	32 / 29 / 26
Sound Power Levels (H / M / L)		dB (A)	55 / 54 / 51	55 / 54 / 52	56 / 54 / 52	59 / 57 / 55	59 / 57 / 55	59 / 58 / 56
Power Supply		Ø, V, Hz	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
 - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
 - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
 2. Due to our policy of innovation some specifications may be changed without notification
 3. I.D : 'Internal Diameter'
 4. The Sound Pressure test condition is based on 50 Pa for middle static duct.

Accessories

Chassis	ARNU07GM1A4	ARNU09GM1A4	ARNU12GM1A4	ARNU15GM1A4	ARNU18GM1A4	ARNU24GM1A4
Drain Pump				○		
Cassette Cover				-		
Refrigerant Leakage Detector				PRLDNVS0		
EEV Kit				PRGK024A0(~5.6kW)		
Independent Power Module				PRIP0		
Robot Cleaner				-		
Pre Filter (washable / anti-fungus)				○		
Ion Generator				-		
CO₂ Sensor				-		
Ventilation Kit				-		
IR Receiver				PWLRVN000		
Zone Controller				ABZCA		
Dry Contact (with additional accessory)				PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)		
External Input (1 point)				○		
Wi-Fi				PWFMDD200		

※ ○ : Applied, - : Not applied
 Option : Refer to model name in table

ARNU28GM2A4 / ARNU36GM2A4 / ARNU42GM2A4
ARNU48GM3A4 / ARNU54GM3A4

Model		Unit	ARNU28GM2A4	ARNU36GM2A4	ARNU42GM2A4	ARNU48GM3A4	ARNU54GM3A4
Cooling Capacity		kW	8.2	10.6	12.3	14.1	15.8
Heating Capacity		kW	9.2	11.9	13.8	15.9	18.0
Power Input (H / M / L)	Nominal	W	123 / 81 / 57	184 / 123 / 81	231 / 162 / 111	172 / 105 / 65	260 / 215 / 172
Dimensions (W x H x D)	Body	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
	Shipping	mm	1,450 x 338 x 773	1,450 x 338 x 773	1,450 x 338 x 773	1,450 x 428 x 773	1,450 x 428 x 773
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	350 x 1	350 x 1	350 x 1	350 x 1	350 x 1
	Air Flow Rate (H / M / L)	m³/min	28.0 / 24.0 / 21.0	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
	External static pressure (High mode)	mmAq (Pa)	6(59)	6(59)	6(59)	6(59)	6(59)
	Air Flow Rate (H / M / L) (Standard mode)	m³/min	28.0 / 24.0 / 21.0	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
	External static pressure (Standard mode)	mmAq (Pa)	5(49)	5(49)	5(49)	5(49)	5(49)
	Motor type		BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø19.05(3/4)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	38.0	38.0	39.5	44.0	44.0
Sound Pressure Levels (H / M / L)		dB (A)	36 / 34 / 33	37 / 36 / 34	38 / 37 / 36	39 / 37 / 35	42 / 40 / 39
Sound Power Levels (H / M / L)		dB (A)	59 / 57 / 55	60 / 59 / 57	62 / 61 / 60	63 / 60 / 59	65 / 64 / 62
Power Supply		Ø, V, Hz	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
 - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
 - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
 2. Due to our policy of innovation some specifications may be changed without notification
 3. I.D : 'Internal Diameter'
 4. The Sound Pressure test condition is based on 50 Pa for middle static duct.

Accessories

Chassis	ARNU28GM2A4	ARNU36GM2A4	ARNU42GM2A4	ARNU48GM3A4	ARNU54GM3A4
Drain Pump			○		
Cassette Cover			-		
Refrigerant Leakage Detector			PRLDNVS0		
EEV Kit			-		
Independent Power Module			PRIP0		
Robot Cleaner			-		
Pre Filter (washable / anti-fungus)			○		
Ion Generator			-		
CO₂ Sensor			-		
Ventilation Kit			-		
IR Receiver			PWLRVN000		
Zone Controller			ABZCA		
Dry Contact (with additional accessory)			PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)		
External Input (1 point)			○		
Wi-Fi			PWFMDD200		

※ ○ : Applied, - : Not applied
 Option : Refer to model name in table

HIGH STATIC

ARNU76GB8A4 / ARNU96GB8A4

Model		Unit	ARNU76GB8A4	ARNU96GB8A4
Cooling Capacity		kW	22.4	28.0
Heating Capacity		kW	25.2	31.5
Power Input (H / M / L)	Nominal	W	765 / 500 / 500	800 / 750 / 750
Dimensions (W x H x D)	Body	mm	1,562 x 460 x 688	1,562 x 460 x 688
	Shipping	mm	1,806 x 537 x 825	1,806 x 537 x 825
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	375 x 2	375 x 2
	Air Flow Rate (H / M / L) (High Mode-Factory Set)	m³/min	60.0 / 50.0 / 50.0	72.0 / 64.0 / 64.0
	External static pressure (High mode)	mmAq (Pa)	22(216)	22(216)
	Air Flow Rate (H / M / L) (Standard mode)	m³/min	64.0 / 50.0 / 50.0	76.0 / 64.0 / 64.0
	External static pressure (Standard mode)	mmAq (Pa)	15(147)	15(147)
	Motor type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø19.05(3/4)	Ø22.2(7/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	87.0	87.0
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
    - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'
  4. The Sound Pressure test condition is based on 50 Pa for middle static duct.

Accessories

Chassis	ARNU76GB8A4	ARNU96GB8A4
Drain Pump	○	
Cassette Cover	-	
Refrigerant Leakage Detector	PRLDNVS0	
EEV Kit	○	
Independent Power Module	PRIP0	
Robot Cleaner	-	
Pre Filter (washable / anti-fungus)	○	
Ion Generator	-	
CO₂ Sensor	-	
Ventilation Kit	-	
IR Receiver	PWLRVN000	
Zone Controller	ABZCA	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○	
Wi-Fi	PWFMDD200	

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

LOW STATIC

ARNU05GL1G4 / ARNU07GL1G4 / ARNU09GL1G4

Model		Unit	ARNU05GL1G4	ARNU07GL1G4	ARNU09GL1G4
Cooling Capacity		kW	1.7	2.2	2.8
Heating Capacity		kW	1.9	2.5	3.2
Power Input (H / M / L)	Nominal	W	29 / 26 / 24	31 / 28 / 24	39 / 29 / 24
Dimensions (W x H x D)	Body	mm	700 x 190 x 700	700 x 190 x 700	700 x 190 x 700
	Shipping	mm	862 x 255 x 781	862 x 255 x 781	862 x 255 x 781
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	19 x 1	19 x 1	19 x 1
	Air Flow Rate (H / M / L) (High Mode-Factory Set)	m³/min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5
	External static pressure (High mode)	mmAq (Pa)	2.54 (25)	2.54 (25)	2.54 (25)
	Air Flow Rate (H / M / L) (Standard mode)	m³/min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5
	External static pressure (Standard mode)	mmAq (Pa)	0 (0)	0 (0)	0 (0)
	Motor type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	17.5	17.5	17.5
Sound Pressure Levels (H / M / L)		dB(A)	25 / 24 / 22	26 / 24 / 22	28 / 25 / 22
Sound Power Levels (H / M / L)		dB(A)	48 / 46 / 45	50 / 47 / 45	53 / 49 / 45
Power Supply		Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50
			1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
    - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'
  4. L2, L3 : The Sound Pressure test condition is based on 20 Pa (Static Pressue) as standard.

Accessories

Chassis	ARNU05GL1G4	ARNU07GL1G4	ARNU09GL1G4
Drain Pump	○		
Cassette Cover	-		
Refrigerant Leakage Detector	PRLDNVS0		
EEV Kit	PRGK024A0		
Independent Power Module	PRIP0		
Robot Cleaner	-		
Pre Filter (washable / anti-fungus)	○		
Ion Generator	-		
CO₂ Sensor	-		
Ventilation Kit	-		
IR Receiver	PWLRVN000		
Zone Controller	ABZCA		
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)		
External Input (1 point)	○		
Wi-Fi	PWFMDD200		

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

OUTDOOR UNITS
INDOOR UNITS
HOT WATER SOLUTION
VENTILATION SOULUTIONS
CONTROL SOLUTIONS
ACCESSORIES

LOW STATIC

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

ARNU12GL2G4 / ARNU15GL2G4 / ARNU18GL2G4

Model		Unit	ARNU12GL2G4	ARNU15GL2G4	ARNU18GL2G4
Cooling Capacity		kW	3.6	4.5	5.6
Heating Capacity		kW	4.0	5.0	6.3
Power Input (H / M / L)	Nominal	W	41 / 34 / 29	56 / 41 / 34	71 / 56 / 41
Dimensions (W x H x D)	Body	mm	900 x 190 x 700	900 x 190 x 700	900 x 190 x 700
	Shipping	mm	1,062 x 255 x 781	1,062 x 255 x 781	1,062 x 255 x 781
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 1, 5 x 1
	Air Flow Rate (H / M / L) (High Mode-Factory Set)	m³/min	10.0 / 8.5 / 7.0	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0
	External static pressure (High mode)	mmAq (Pa)	2.54 (25)	2.54 (25)	2.54 (25)
	Air Flow Rate (H / M / L) (Standard mode)	m³/min	10.0 / 8.5 / 7.0	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0
	External static pressure (Standard mode)	mmAq (Pa)	0 (0)	0 (0)	0 (0)
	Motor type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	23.0	23.0	23.0
Sound Pressure Levels (H / M / L)		dB(A)	30 / 27 / 25	33 / 30 / 28	35 / 32 / 29
Sound Power Levels (H / M / L)		dB(A)	50 / 47 / 46	54 / 51 / 47	56 / 54 / 51
Power Supply		Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50
			1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
   - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
   - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
   2. Due to our policy of innovation some specifications may be changed without notification
   3. I.D : 'Internal Diameter'
   4. L2, L3 : The Sound Pressure test condition is based on 20 Pa (Static Pressue) as standard.

Accessories

Chassis	ARNU12GL2G4	ARNU15GL2G4	ARNU18GL2G4
Drain Pump		○	
Cassette Cover		-	
Refrigerant Leakage Detector		PRLDNVS0	
EEV Kit		○	
Independent Power Module		PRIP0	
Robot Cleaner		-	
Pre Filter (washable / anti-fungus)		○	
Ion Generator		-	
CO₂ Sensor		-	
Ventilation Kit		-	
IR Receiver		PWLRVN000	
Zone Controller		ABZCA	
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)		○	
Wi-Fi		PWFMDD200	

※ ○ : Applied, - : Not applied
   Option : Refer to model name in table

ARNU21GL3G4 / ARNU24GL3G4

Model		Unit	ARNU21GL3G4	ARNU24GL3G4
Cooling Capacity		kW	6.2	7.1
Heating Capacity		kW	7.0	8.0
Power Input (H / M / L)	Nominal	W	72 / 53 / 48	103 / 63 / 48
Dimensions (W x H x D)	Body	mm	1,100 x 190 x 700	1,100 x 190 x 700
	Shipping	mm	1,262 x 255 x 781	1,262 x 255 x781
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	19 x 2	19 x 2
	Air Flow Rate (H / M / L) (High Mode-Factory Set)	m³/min	17.5 / 14.0 / 12.0	20.0 / 16.0 / 12.0
	External static pressure (High mode)	mmAq (Pa)	2.54 (25)	2.54 (25)
	Air Flow Rate (H / M / L) (Standard mode)	m³/min	17.5 / 14.0 / 12.0	20.0 / 16.0 / 12.0
	External static pressure (Standard mode)	mmAq (Pa)	0 (0)	0 (0)
	Motor type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	27.0	27.0
Sound Pressure Levels (H / M / L)		dB(A)	35 / 29 / 28	36 / 33 / 28
Sound Power Levels (H / M / L)		dB(A)	59 / 55 / 54	63 / 59 / 55
Power Supply		Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
   - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
   - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
   2. Due to our policy of innovation some specifications may be changed without notification
   3. I.D : 'Internal Diameter'
   4. L2, L3 : The Sound Pressure test condition is based on 20 Pa (Static Pressue) as standard.

Accessories

Chassis	ARNU21GL3G4	ARNU24GL3G4
Drain Pump		○
Cassette Cover		-
Refrigerant Leakage Detector		PRLDNVS0
EEV Kit		-
Independent Power Module		PRIP0
Robot Cleaner		-
Pre Filter (washable / anti-fungus)		○
Ion Generator		-
CO₂ Sensor		-
Ventilation Kit		-
IR Receiver		PWLRVN000
Zone Controller		ABZCA
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)
External Input (1 point)		○
Wi-Fi		PWFMDD200

※ ○ : Applied, - : Not applied
   Option : Refer to model name in table

HIGH SENSIBLE

ARNU07GM2A4 / ARNU09GM2A4 / ARNU12GM2A4 / ARNU15GM2A4
ARNU28GM2A4 / ARNU36GM2A4 / ARNU42GM2A4

Model		Unit	ARNU07GM2A4	ARNU09GM2A4	ARNU12GM2A4	ARNU15GM2A4	ARNU28GM2A4	ARNU36GM2A4	ARNU42GM2A4
Cooling Capacity		kW	2.2	2.8	3.6	4.5	8.2	10.6	12.3
Heating Capacity		kW	2.5	3.2	4.0	5.0	9.2	11.9	13.8
Power Input	Nominal	W	30	30	30	30	123	184	231
Dimensions (W × H × D)	Body	mm	1,250 × 270 × 700	1,250 × 270 × 700	1,250 × 270 × 700	1,250 × 270 × 700	1,250 × 270 × 700	1,250 × 270 × 700	1,250 × 270 × 700
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output × Number	W	350 x 1	350 x 1	350 x 1	350 x 1	350 x 1	350 x 1	350 x 1
	Air Flow Rate (H / M / L) (High Mode-Factory Set) External Static Pressure	CMM	12.8 / 7.7 / 7.7	12.8 / 7.7 / 7.7	13.6 / 8.7 / 8.7	13.6 / 8.7 / 8.7	28.0 / 24.0 / 21.0	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0
		cfm	452 / 272 / 272	452 / 272 / 272	480 / 307 / 307	480 / 307 / 307	989 / 848 / 742	1,130 / 989 / 848	1,342 / 1,165 / 989
		mmAq(Pa)	6(59)	6(59)	6(59)	6(59)	6(59)	6(59)	6(59)
	Air Flow Rate (H / M / L) (Standard Mode) External Static Pressure	CM	12.8 / 7.7 / 7.7	12.8 / 7.7 / 7.7	13.6 / 8.7 / 8.7	13.6 / 8.7 / 8.7	28.0 / 24.0 / 21.0	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0
		cfm	452 / 272 / 272	452 / 272 / 272	480 / 307 / 307	480 / 307 / 307	989 / 848 / 742	1,130 / 989 / 848	1,342 / 1,165 / 989
		mmAq(Pa)	5(49)	5(49)	5(49)	5(49)	5(49)	5(49)	5(49)
	Motor Type		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			-	-	-	-	-	-	-
Safety Device			Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)	25(1)	25(1)	25(1)
Net Weight	Body	kg(lbs)	38.0(84)	38.0(84)	38.0(84)	38.0(84)	38.0(84)	38.0(84)	39.5(87)
Sound Pressure Levels (H / M / L)		dB(A)	38 / 36 / 36	38 / 36 / 36	38 / 36 / 36	38 / 36 / 36	36 / 34 / 33	37 / 36 / 34	38 / 37 / 36
Sound Power Levels (H / M / L)		dB(A)	54 / 53 / 53	54 / 53 / 53	53 / 52 / 52	53 / 52 / 52	59 / 57 / 55	60 / 59 / 57	62 / 61 / 60
Power Supply		Ø, V, Hz	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60
Transmission Cable			1.0–1.5 x 2C	1.0–1.5 x 2C	1.0–1.5 x 2C	1.0–1.5 x 2C	1.0–1.5 x 2C	1.0–1.5 x 2C	1.0–1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
  - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'
* These models will be developed until February (After the completion of the development, the air flow and noise information may be partially changed.)

Accessories

Chassis	ARNU07GM2A4	ARNU09GM2A4	ARNU12GM2A4	ARNU15GM2A4	ARNU28GM2A4	ARNU36GM2A4	ARNU42GM2A4
Drain Pump	○						
Cassette Cover	-						
Refrigerant Leakage Detector	PRLDNVS0						
EEV Kit	-						
Independent Power Module	PRIP0						
Robot Cleaner	-						
Pre Filter (washable / anti-fungus)	○						
Ion Generator	-						
CO₂ Sensor	-						
Ventilation Kit	-						
IR Receiver	PWLRVN000						
Zone Controller	ABZCA						
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)						
External Input (1 point)	○						
Wi-Fi	PWFMDD200						

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

ARNU18GM3A4 / ARNU24GM3A4 / ARNU28GM3A4

Model		Unit	ARNU18GM3A4	ARNU24GM3A4	ARNU28GM3A4
Cooling Capacity		kW	5.6	7.1	8.2
Heating Capacity		kW	6.3	8.0	9.2
Power Input	Nominal	W	50	75	75
Dimensions (W × H × D)	Body	mm	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate
Fan	Type		1,250 × 360 × 700	1,250 × 360 × 700	1,250 × 360 × 700
	Motor Output × Number	W	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate (H / M / L) (High Mode-Factory Set) External Static Pressure	CMM	350 x 1	350 x 1	350 x 1
		cfm	32.7 / 26.7 / 23.0	35.5 / 30.6 / 26.2	35.5 / 30.6 / 26.2
		mmAq(Pa)	1,155 / 943 / 812	1,254 / 1,081 / 925	1,254 / 1,081 / 925
	Air Flow Rate (H / M / L) (Standard Mode) External Static Pressure	CM	6(59)	6(59)	6(59)
		cfm	32.7 / 26.7 / 23.0	35.5 / 30.6 / 26.2	35.5 / 30.6 / 26.2
		mmAq(Pa)	1,155 / 943 / 812	1,254 / 1,081 / 925	1,254 / 1,081 / 925
	Motor Type		5(49)	5(49)	5(49)
Air Filter			BLDC	BLDC	BLDC
Safety Device			-	-	-
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)
Net Weight	Body	kg(lbs)	44(97)	44(97)	44(97)
Sound Pressure Levels (H / M / L)		dB(A)	39 / 37 / 36	40 / 38 / 37	40 / 38 / 37
Sound Power Levels (H / M / L)		dB(A)	53 / 52 / 51	54 / 53 / 52	54 / 53 / 52
Power Supply		Ø, V, Hz	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60	1, 220-240, 50 / 1, 220, 60
Transmission Cable			1.0–1.5 x 2C	1.0–1.5 x 2C	1.0–1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
  - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'
* These models will be developed until February (After the completion of the development, the air flow and noise information may be partially changed.)

Accessories

| Chassis	ARNU18GM3A4	ARNU24GM3A4	ARNU28GM3A4
Drain Pump	○		
Cassette Cover	-		
Refrigerant Leakage Detector	PRLDNVS0		
EEV Kit	-		
Independent Power Module	PRIP0		
Robot Cleaner	-		
Pre Filter (washable / anti-fungus)	○		
Ion Generator	-		
CO₂ Sensor	-		
Ventilation Kit	-		
IR Receiver	PWLRVN000		
Zone Controller	ABZCA		
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)		
External Input (1 point)	○		
Wi-Fi	PWFMDD200		

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

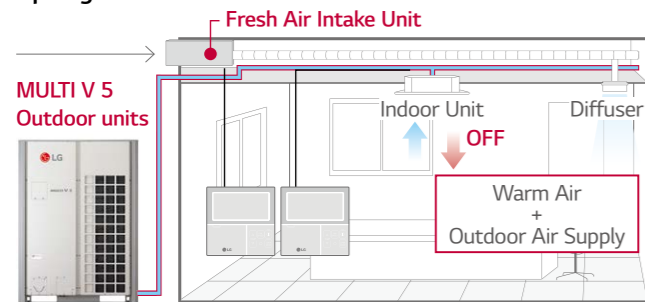# FRESH AIR INTAKE UNIT

Fresh Outdoor Air Supply

The LG Fresh Air Intake Unit (FAU) is the alternative solution for ventilation, which supplies the fresh outdoor air indoors as well as being able to cool and heat air inside simultaneously. It means the indoor space can have positive air pressure consistently, which can block cold, hot or contaminated air from outside.
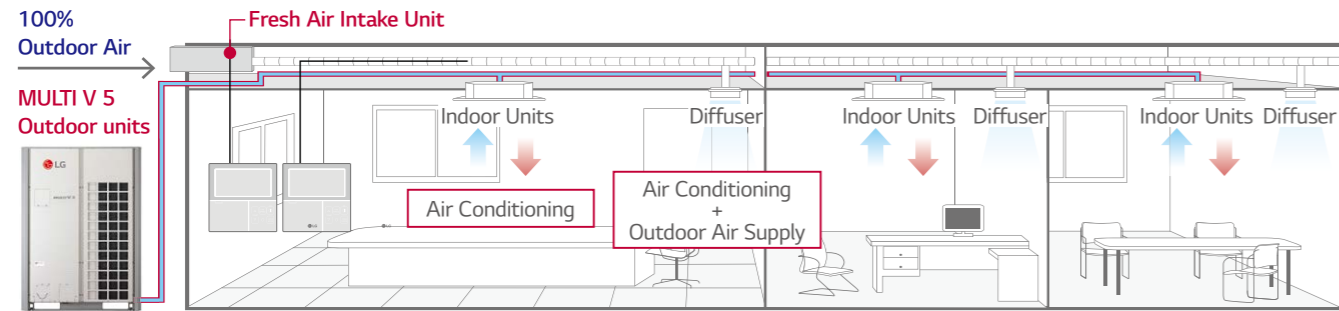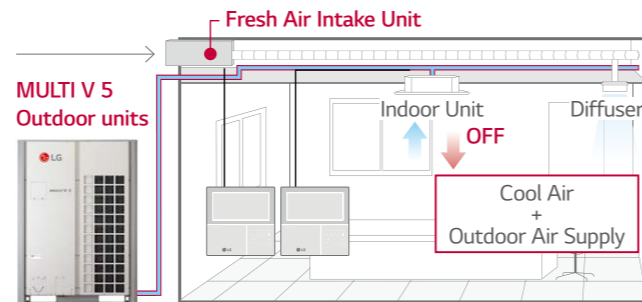

Economic Operation

Using the cooling and heating can save costs by blowing the natural outdoor air inside when the season change.
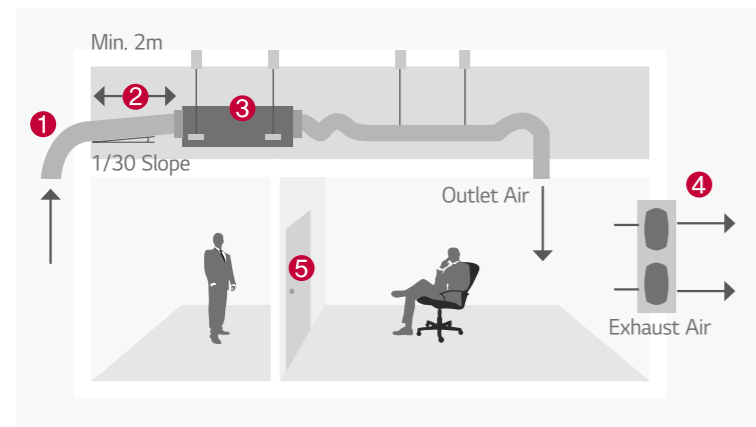
Spring Season

Autumn Season

Installation Scene

❶ Inlet Hood　❷ Intake Air Duct　❸ Fresh Air Intake Unit
❹ Exhaust Fan　❺ Door

ARNU76GB8Z4 / ARNU96GB8Z4

Model		Unit	ARNU76GB8Z4	ARNU96GB8Z4
Cooling Capacity		kW	22.4	28.0
Heating Capacity		kW	21.4	26.7
Power Input (H / M / L)	Nominal	W	230 / 200 / 200	360 / 230 / 230
Dimensions (W x H x D)	Body	mm	1,562 x 460 x 688	1,562 x 460 x 688
	Shipping	mm	1,806 x 537 x 825	1,806 x 537 x 825
Fan	Type		Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	375 x 1	375 x 1
	Air Flow Rate (H / M / L) (High Mode-Factoty Set)	m³/min	23.7 / 13.2 / 13.2	35.7 / 23.7 / 23.7
	External static pressure	mmAq (Pa)	22(216)	22(216)
	Motor Type		BLDC	BLDC
Air Filter			Long Life Filter	Long Life Filter
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø19.05(3/4)	Ø22.2(7/8)
	Drain Pipe (Internal Dia.)	mm(inch)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	73.0	73.0
Sound Pressure Levels (H / M / L)		dB(A)	45 / 43 / 43	47 / 45 / 45
Sound Power Levels (H / M / L)		dB(A)	70 / 67 / 67	72 / 70 / 70
Power Supply		Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
    - Cooling : Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    - Heating : Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Capacities are net capacities
  3. Noise Level is under standard mode [For actual High Mode (Factory set) condition, Noise Level may exceed the standard level by 1.5db (A)]
  4. Due to our policy of innovation some specifications may be changed without prior notification.
  5. I.D : 'Internal Diameter'

⚠ CAUTION

1. Operation range (Cooling : 5°C ~ 43°C, Heating : -5°C ~ 43°C)　2. Installation of exhaust fan is recommended for a sealed room.　3. Indoor Unit Connection

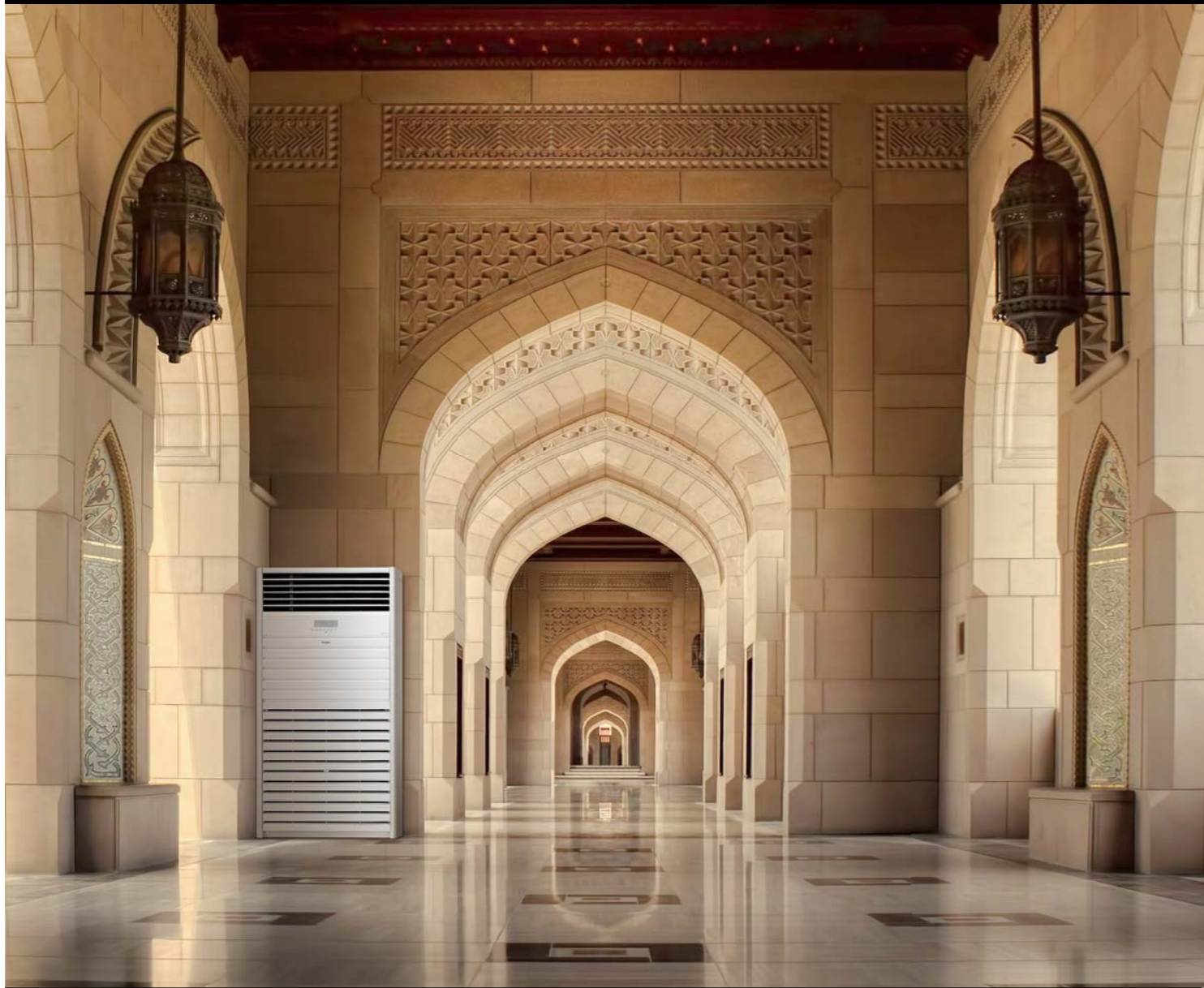| No	Connection Condition	Combination
1	Fresh air intake units only are connected with outdoor units	1) The total capcity of fresh air intak unit should be 50 ~ 100% of outdoor unit. 2) The max quantity of fresh air intake is 4 units.
2	Mixture connection with general indoor unit and fresh intake units	1) The total capacity of indoor units (Standard Indoor Unit + Fresh Air Intake Unit) should be 50 ~ 100% of outdoor unit. 2) The total capacity of fresh air intake unit should be less than 30% of the total capacity of indoor units.

Accessories

Chassis	ARNU76GB8Z4	ARNU96GB8Z4
Drain Pump	○	
Cassette Cover	-	
Refrigerant Leakage Detector	PRLDNVS0	
EEV Kit	-	
Independent Power Module	PRIP0	
Robot Cleaner	-	
Pre Filter (washable / anti-fungus)	○	
Ion Generator	-	
CO₂ Sensor	-	
Ventilation Kit	-	
IR Receiver	PWLRVN000	
Zone Controller	-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○	
Wi-Fi	PWFMDD200	

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

FLOOR STANDING UNIT

Features & Benefits

• The powerful air speed and volume means the air flow
  can reach up to 15m away from the air conditioner.

Key Applications

• Retail
• Shop
• Office
• Restaurant

Simple & Elegant Design

With its stylish design, LG's new floor standing
air conditioner enhances the overall indoor interior

Less Temperature Difference

Power cooling and heating will minimize the temperature difference between upper part and lower part of the room

Conventional	MULTI V PAC
Temperature difference between upper part and lower part **5.7°C**	Temperature difference between upper part and lower part **1.2°C**
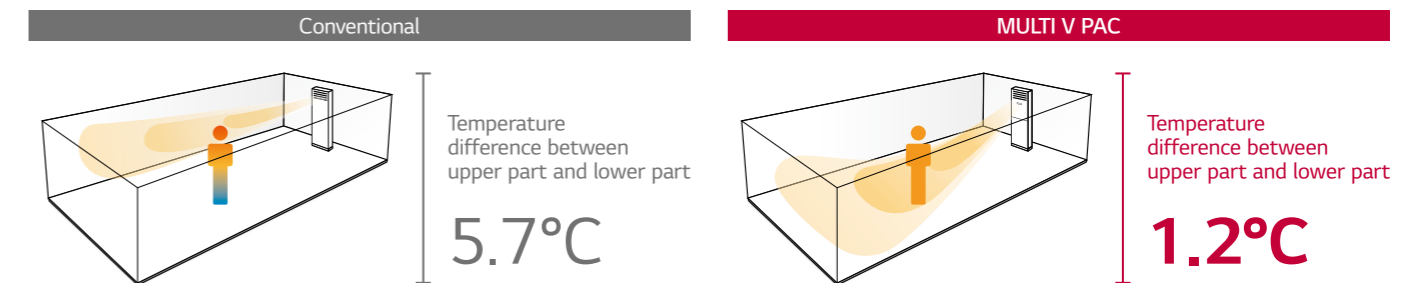
* Temperature difference between upper part and lower part
* Test Condition : Indoor temperature 12°C, Outdoor temperature 7°C, Setting Temperature 30°C
* Measure Condition : After 3 hours heating operation (average temperature)

15m Long Power Cooling

The new LG floor standing unit is efficient for using in large areas due to its powerful cooing and heating operation.
The powerful air speed and volume means the air flow can reach up to 15m away from the air conditioner

Type	Floor Standing
Air Flow (m³/min)	37
Air Speed (m/s)	4.5

* Based on 131.8m²

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

FLOOR STANDING UNIT

ARNU48GPTA4
ARNU96GPFA4

Model	Indepndent Unit			ARNU48GPTA4	ARNU96GPFA4
Capacity	Cooling	Nom	kW	14.1	28.0
	Heating	Nom	kW	15.9	31.5
Power Input	Cooling	Nom	w	250	400
	Heating	Nom	w	250	400
	Cooling	Rated	w	250	400
	Heating	Rated	w	250	400
Power Supply			Ø / V / Hz	1 / 220 / 60	1 / 220 / 60
Airflow Rate	Cooling	Power / H / M / L	m³/min	37 / 33 / 28 / 24	68 / 61 / - / 50
	Heating	Power / H / M / L	m³/min	37 / 33 / 28 / 24	68 / 61 / - / 50
Sound Pressure		Power / H / M / L	dBA	54 / 51 / 49 / 45	60 / 57 / - / 53
Dimension	Body	W x H x D	mm	590 × 1,840 × 440	1,050 x 1,880 x 495
Net Weight			kg	48.0	113.0
Piping Connection	Liquid		mm	9.52	9.52
	Gas		mm	15.88	22.2
	Drain	I.D	mm	-	-

* This product contains Fluorinated Greenhouse Gases. (R410A)
* Nom. : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
    - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
    2. Due to our policy of innovation some specifications may be changed without notification
    3. I.D : 'Internal Diameter'

Accessories

Model		ARNU07GCE*4	ARNU09GCE*4
Dry Contact	Simple (1 Contact Point with Case)	PDRYCB000	
	2 Contact Point	PDRYCB400	
	For Thermostat (On-Off / Mode / Fan Speed)	PDRYCB300	
	Modbus Communication	PDRYCB500	
EEV Kit for MULTI V Indoor		-	
IR Receiver		PWLRVN000	

Wired Remote Controller						Wireless Remote Controller
Premium	Standard III		Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB100 (White)	PREMTBB10 (Black)	PREMTB001 (White)	PREMTBB01 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCHCA0Q (Black) PQRCHCA0QW (White)	PQWRHQ0FDB

OUTDOOR UNITS
INDOOR UNITS
HOT WATER SOLUTION
VENTILATION SOULUTIONS
CONTROL SOLUTIONS
ACCESSORIES

CEILING SUSPENDED UNIT

Wi-Fi Control

Control your air conditioners via using the smart internet devices as Android or iOS based smartphones. This advanced technology provides you the best convenience.

LG SmartThinQ

Search "LG SmartThinQ" on Google market or Appstore then download the app.

LG SmartThinQ

Access your air conditioner anytime and from anywhere

Wi-Fi

Smart
ThinQ

Easy Registration and Log-in
Follow the easy set-up steps that will activate SmartThinQ's impressive feature.

Features & Benefits

- Ideal Solution for Commercial Spaces with Solid Ceilings with Its Stunning V-shaped Design and Black Vane, LG's 2 Years Ceiling-suspended Air Conditioner Exudes Modern Elegance Appropriate for Any Space.
- The Powerful Air Speed and Volume Means the Air Flow can Reach Up to 15m Away from the Air Conditioner.

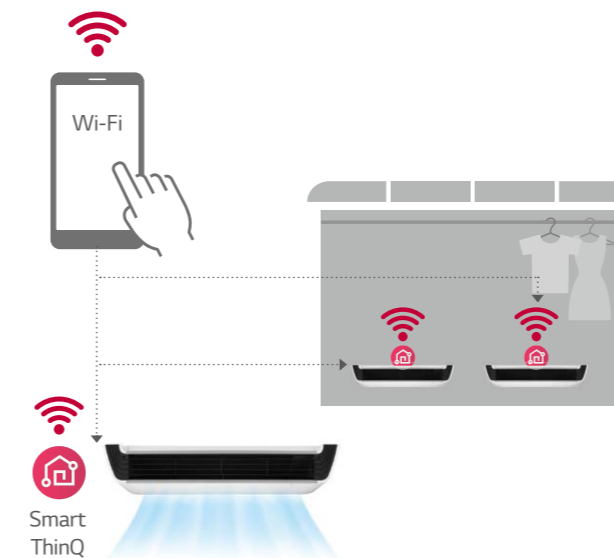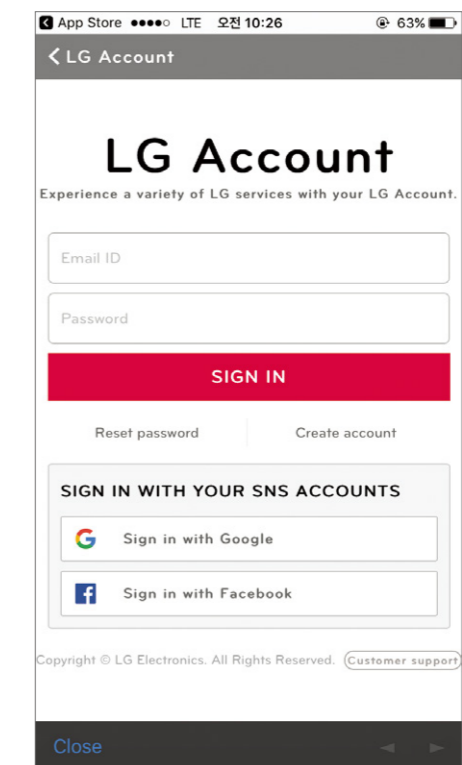### Key Applications

- Retail
- Shop
- Office
- Restaurant

Ceilings		Ceiling & Floor Convertible Unit	Ceiling Suspended Unit
Smart	Wi-Fi	○	○
Fast Cooling & Heating	Jet Cool	○	○
Comfort	Sleep mode	○	○
	Timer (on / off)	○	○
	Timer (weekly)	○	○
	Two thermistor control	○	○
	Group control	○	○

※ ○ : Applied, - : Not applied

Differentiated Design

With its stunning V-shaped design and black vane, LG's new ceiling-suspended air conditioner exudes modern elegance appropriate for any space. The tasteful aesthetics of the air conditioner helped earn it the iF Design Award.

OUTDOOR UNITS
INDOOR UNITS
HOT WATER SOLUTION
VENTILATION SOULUTIONS
CONTROL SOLUTIONS
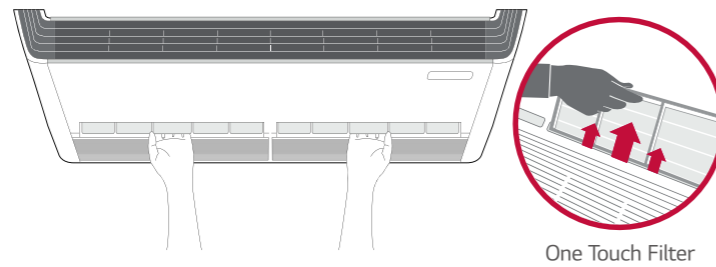ACCESSORIES

CEILING SUSPENDED UNIT

Powerful Cooling & Heating

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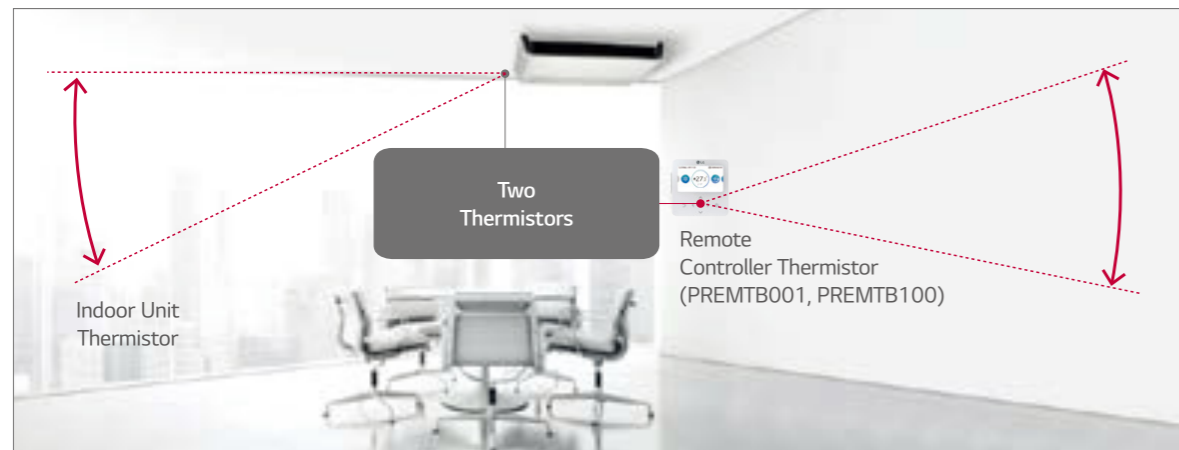

One Touch & 2 Piece Filter

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

One Touch Filter

Two Thermistors Control

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

Two Thermistors

Remote Controller Thermistor
(PREMTB001, PREMTB100)

Indoor Unit Thermistor

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

CEILING SUSPENDED UNIT

ARNU18GV1A4 / ARNU24GV1A4
ARNU36GV2A4 / ARNU48GV2A4

Model		Unit	ARNU18GV1A4	ARNU24GV1A4	ARNU36GV2A4	ARNU48GV2A4
Cooling Capacity		kW	5.6	7.1	10.6	14.1
Heating Capacity		kW	6.3	8.0	11.9	15.9
Power Input (H / M / L)	Nominal	W	23 / 20 / 17	25 / 21 / 17	84 / 77 / 66	91 / 79 / 66
Exterior Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
RAL code			RAL 9001	RAL 9001	RAL 9001	RAL 9001
Dimensions (W x H x D)	Body	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
	Shipping	mm	1,315 x 320 x 772	1,315 x 320 x 772	1,715 x 320 x 772	1,715 x 320 x 772
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	85.9 x 1	85.9 x 1	125 x 1	125 x 1
	Air Flow Rate (H / M / L)	m³/min	13.5 / 12.5 / 12.0	14.0 / 13.0 / 12.0	27.0 / 24.0 / 20.0	29.0 / 24.0 / 20.0
	Motor Type		BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe (Internal Dia.)	mm(inch)	Ø16(5/8)	Ø16(5/8)	Ø16(5/8)	Ø16(5/8)
Weight	Body	kg	29.0	29.0	37.0	37.0
Sound Pressure Levels (H / M / L)		dB(A)	36 / 34 / 33	37 / 35 / 33	48 / 46 / 44	49 / 47 / 44
Sound Power Levels (H / M / L)		dB(A)	61 / 59 / 56	62 / 59 / 56	68 / 66 / 64	68 / 67 / 66
Power Supply		Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU18GV1A4	ARNU24GV1A4	ARNU36GV2A4	ARNU48GV2A4
Drain Pump	-			
Cassette Cover	-			
Refrigerant Leakage Detector	PRLDNVS0			
EEV Kit	-			
Independent Power Module	PRIP0			
Robot Cleaner	-			
Pre Filter (washable / anti-fungus)	○			
Ion Generator	-			
CO₂ Sensor	-			
Ventilation Kit	-			
IR Receiver	-			
Zone Controller	-			
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)			
External Input (1 point)	○			
Wi-Fi	PWFMDD200			

※ ○ : Applied, - : Not applied
　Option : Refer to model name in table

CEILING & FLOOR CONVERTIBLE UNIT

ARNU09GVEA4 / ARNU12GVEA4

Model		Unit	ARNU09GVEA4	ARNU12GVEA4
Cooling Capacity		kW	2.8	3.6
Heating Capacity		kW	3.2	4.0
Power Input (H / M / L)	Nominal	W	19 / 15 / 11	28 / 19 / 15
Exterior Color			Morning Fog	Morning Fog
RAL code			RAL 9001	RAL 9001
Dimensions (W x H x D)	Body	mm	900 x 490 x 200	900 x 490 x 200
	Shipping	mm	975 x 279 x 562	975 x 279 x 562
Fan	Type		Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	27 x 1	27 x 1
	Air Flow Rate (H / M / L)	m³/min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.9
		cfm	268 / 244 / 219	325 / 268 / 244
	Motor Type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm(inch)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side	mm(inch)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Drain Pipe (Internal Dia.)	mm(inch)	Ø16 (5/8)	Ø16 (5/8)
Weight	Body	kg	13.3	13.3
Sound Pressure Levels (H / M / L)		dB(A)	36 / 32 / 28	38 / 36 / 30
Sound Power Levels (H / M / L)		dB(A)	55 / 51 / 45	56 / 55 / 49
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation some specifications may be changed without notification
3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU09GVEA4	ARNU12GVEA4
Drain Pump	-	
Cassette Cover	-	
Refrigerant Leakage Detector	PRLDNVS0	
EEV Kit	PRGK024A0	
Independent Power Module	PRIP0	
Robot Cleaner	-	
Pre Filter (washable / anti-fungus)	○	
Ion Generator	-	
CO₂ Sensor	-	
Ventilation Kit	-	
IR Receiver	-	
Zone Controller	-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○	
Wi-Fi	PWFMDD200 ¹⁾	

※ ○ : Applied, - : Not applied
　Option : Refer to model name in table

CONSOLE & FLOOR STANDING UNIT

Features & Benefits

• Ideal for Installation Beneath a Window
• Unit Requires Minimal Installation Space
• Fitted with a Washable Long-life Filter

Key Applications

• School
• Office
• Church
• Historic Building

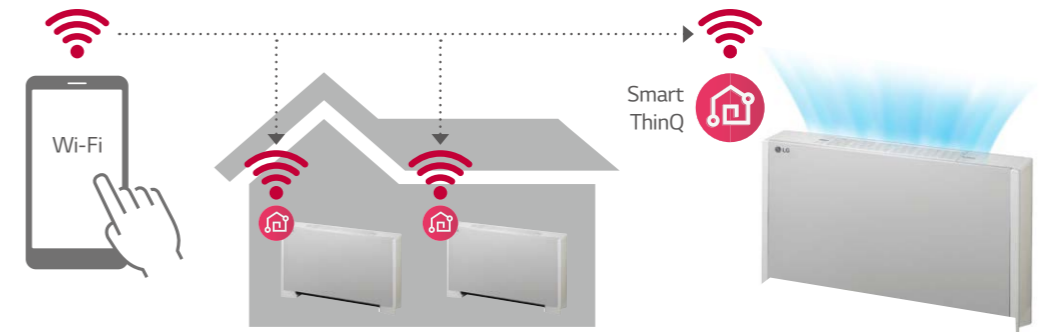| Floor standing		Console	Floor Standing Unit
Smart	Wi-Fi	○	○
Energy Efficiency	Jet Cool	-	○
Health	Lonizer	○	-
Fast Cooling & Heating	Jet Cool	○	-
Comfort	Sleep Mode	○	○
	Timer (on / off)	○	○
	Timer (weekly)	○	○
	Two Thermistor Control	○	○
	Group Control	○	○

※ ○ : Applied, - : Not applied

Wi-Fi Control

Control your air conditioners via using the smart internet devices as Android or iOS based smartphones. This advanced technology provides you the best convenience.

LG SmartThinQ

Search "LG SmartThinQ" on Google market or Appstore then download the app.
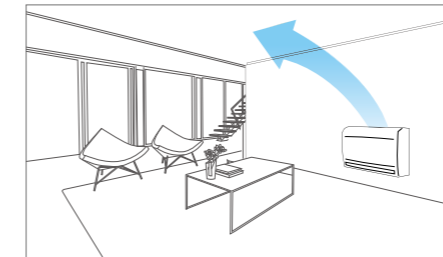
LG SmartThinQ

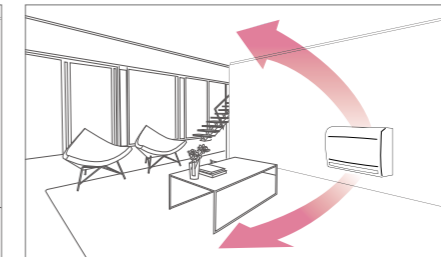**Access your air conditioner anytime and from anywhere**

Installation Support Clip

During the cooling operation, the vane adjusts upwards to direct the air flow towards the ceiling. When heating, the vane directs the warm air downwards to balance the room temperature especially for floor.
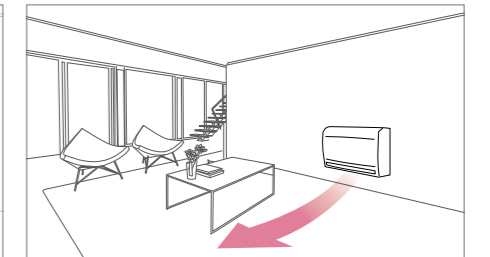
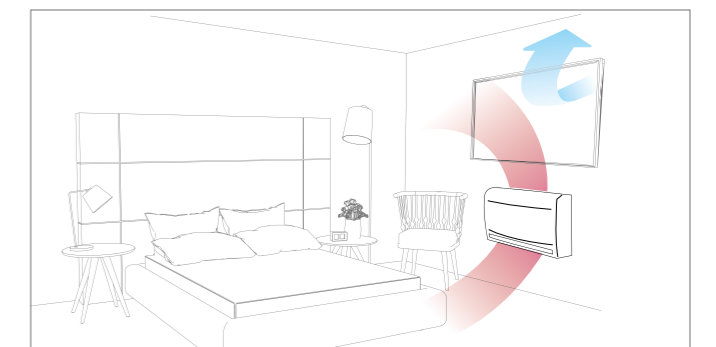Cooling   Heating (Normal)   Heating (Option)

Block Cold Draft

The console can block cold drafts from windows to provide a warmer environment for places such as libraries and offices.
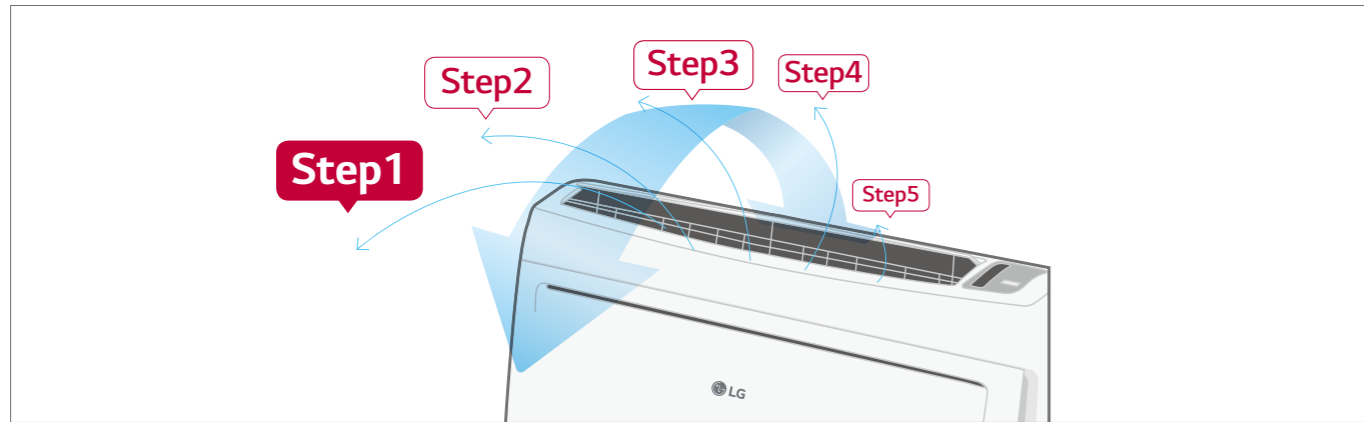
Without Console   With Console

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

CONSOLE & FLOOR STANDING UNIT

5-Step Vane Control

There are 5 different stages to control air flow direction.

Step1
Step2
Step3
Step4
Step5

3 Way Flexible Installation

It is possible to install and connect the outdoor unit in 6 different ways. (Right Side, Right Back, Right Floor, Left Side, Left Back, Left Floor)

Block Cold Draft

The floor standing unit can block cold drafts from windows to provide a warmer environment for places such as libraries and offices.

Without Floor Standing
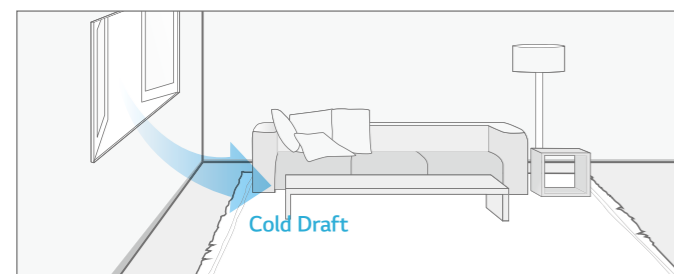
Cold Draft

With Floor Standing
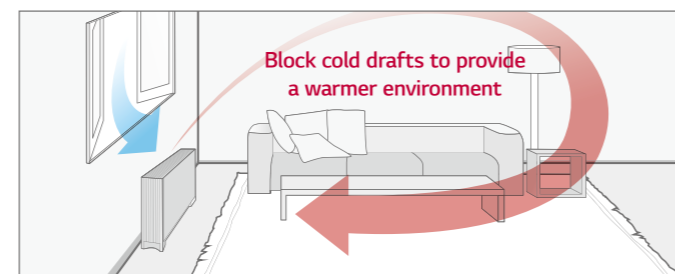
Block cold drafts to provide a warmer environment

3 Way Flexible Installation

It is possible to install and connect the outdoor unit in 3 different ways (Side, Back, Floor).

Back
Side
Floor

Sliding Type Filter

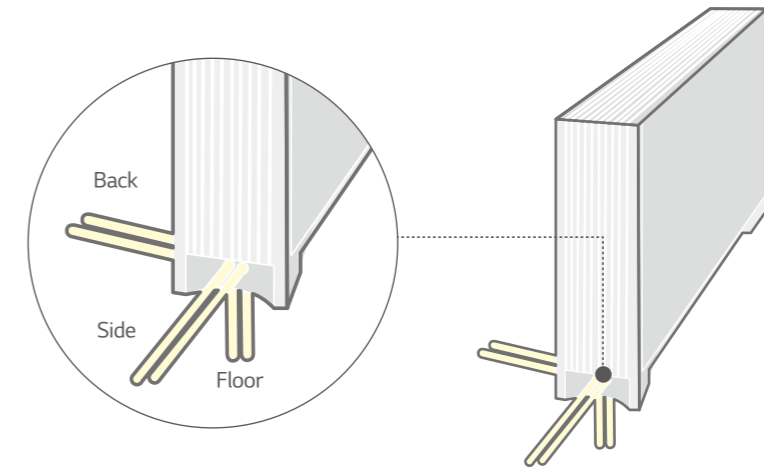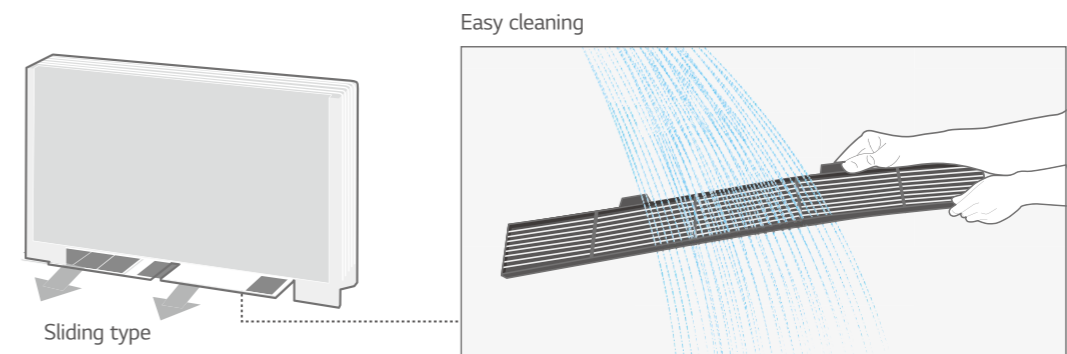Easy maintenance and extended product life with sliding type filter.

Easy cleaning

Sliding type

OUTDOOR UNITS

INDOOR UNITS

HOT WATER SOLUTION

VENTILATION SOULUTIONS

CONTROL SOLUTIONS

ACCESSORIES

CONSOLE

ARNU07GQAA4 / ARNU09GQAA4

Model		Unit	ARNU07GQAA4	ARNU09GQAA4
Cooling Capacity		kW	2.2	2.8
Heating Capacity		kW	2.5	3.2
Power Input (H / M / L)	Nominal	W	15 / 12 / 10	15 / 12 / 10
Exterior Color			Morning Fog	Morning Fog
RAL Code			RAL 9001	RAL 9001
Dimensions (W x H x D)	Body	mm	700 x 600 x 210	700 x 600 x 210
	Shipping	mm	775 x 662 x 284	775 x 662 x 284
Fan	Type		Turbo fan	Turbo fan
	Motor Output x Number	W x No.	48 x 1	48 x 1
	Air Flow Rate (H / M / L)	m³/min	6.7 / 5.9 / 4.8	6.7 / 5.9 / 4.8
	Motor Type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø12(15/32)	Ø12(15/32)
Weight	Body	kg	14.0	14.0
Sound Pressure Levels (H / M / L)		dB (A)	37 / 34 / 28	37 / 34 / 28
Sound Power Levels (H / M / L)		dB (A)	53 / 50 / 44	53 / 50 / 44
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
  - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU07GQAA4	ARNU15GQAA4
Drain Pump	-	
Cassette Cover	-	
Refrigerant Leakage Detector	PRLDNVS0	
EEV Kit	PRGK024A0	
Independent Power Module	PRIP0	
Robot Cleaner	-	
Pre Filter (washable / anti-fungus)	○	
Ion Generator	○	
CO₂ Sensor	-	
Ventilation Kit	-	
IR Receiver	-	
Zone Controller	-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○	
Wi-Fi	PWFMDD200	

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

ARNU12GQAA4 / ARNU15GQAA4

Model		Unit	ARNU12GQAA4	ARNU15GQAA4
Cooling Capacity		kW	3.6	4.5
Heating Capacity		kW	4.0	5.0
Power Input (H / M / L)	Nominal	W	18 / 15 / 13	24 / 19 / 17
Exterior Color			Morning Fog	Morning Fog
RAL Code			RAL 9001	RAL 9001
Dimensions (W x H x D)	Body	mm	700 x 600 x 210	700 x 600 x 210
	Shipping	mm	775 x 662 x 284	775 x 662 x 284
Fan	Type		Turbo fan	Turbo fan
	Motor Output x Number	W x No.	48 x 1	48 x 1
	Air Flow Rate (H / M / L)	m³/min	7.5 / 5.9 / 4.8	8.7 / 6.7 / 5.9
	Motor Type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø12(15/32)	Ø12(15/32)
Weight	Body	kg	14.0	14.0
Sound Pressure Levels (H / M / L)		dB (A)	39 / 34 / 28	42 / 37 / 31
Sound Power Levels (H / M / L)		dB (A)	56 / 50 / 44	58 / 53 / 50
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
  - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  2. Due to our policy of innovation some specifications may be changed without notification
  3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU12GQAA4	ARNU15GQAA4
Drain Pump	-	
Cassette Cover	-	
Refrigerant Leakage Detector	PRLDNVS0	
EEV Kit	PRGK024A0	
Independent Power Module	PRIP0	
Robot Cleaner	-	
Pre Filter (washable / anti-fungus)	○	
Ion Generator	○	
CO₂ Sensor	-	
Ventilation Kit	-	
IR Receiver	-	
Zone Controller	-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○	
Wi-Fi	PWFMDD200	

※ ○ : Applied, - : Not applied
  Option : Refer to model name in table

FLOOR STANDING UNIT

ARNU07GCEA4 / ARNU09GCEA4 / ARNU12GCEA4
ARNU15GCEA4 / ARNU18GCFA4 / ARNU24GCFA4

* A : Floor Standing with case

Model		Unit	ARNU07GCEA4	ARNU09GCEA4	ARNU12GCEA4	ARNU15GCEA4	ARNU18GCFA4	ARNU24GCFA4
Cooling Capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating Capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input (H / M / L)	Nominal	W	24 / 17 / 14	30 / 24 / 17	36 / 30 / 24	44 / 35 / 28	54 / 41 / 29	84 / 54 / 41
Exterior Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog
RAL Code			RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001
Dimensions (W x H x D)	Body	mm	1,067 x 635 x 203	1,067 x 635 x 203	1,067 x 635 x 203	1,067 x 635 x 203	1,345 x 635 x 203	1,345 x 635 x 203
	Shipping	mm	1,154 x 705 x 289	1,154 x 705 x 289	1,154 x 705 x 289	1,154 x 705 x 289	1,432 x 705 x 289	1,432 x 705 x 289
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 2	19 x 2
	Air Flow Rate (H / M / L)	m³/min	8.5 / 7.5 / 6.5	9.5 / 8.5 / 7.5	10.5 / 9.5 / 8.5	11.5 / 10.0 / 9.5	16.0 / 14.0 / 12.0	18.0 / 16.0 / 14.0
	Motor Type		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm (inch)	Ø12(15/32)	Ø12(15/32)	Ø12(15/32)	Ø12(15/32)	Ø12(15/32)	Ø12(15/32)
Weight	Body	kg	27.0	27.0	27.0	27.0	34.0	34.0
Sound Pressure Levels (H / M / L)		dB (A)	35 / 33 / 31	36 / 34 / 32	37 / 35 / 33	38 / 37 / 35	40 / 37 / 34	43 / 40 / 37
Sound Power Levels (H / M / L)		dB (A)	52 / 47 / 43	54 / 51 / 47	54 / 51 / 50	55 / 54 / 51	57 / 54 / 50	61 / 57 / 54
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	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
      - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
      - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
      2. Due to our policy of innovation some specifications may be changed without notification
      3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU07GCEA4	ARNU09GCEA4	ARNU12GCEA4	ARNU15GCEA4	ARNU18GCFA4	ARNU24GCFA4
Drain Pump	-				-	
Cassette Cover	-				-	
Refrigerant Leakage Detector	PRLDNVS0				PRLDNVS0	
EEV Kit	PRGK024A0				-	
Independent Power Module	PRIP0				PRIP0	
Robot Cleaner	-				-	
Pre Filter (washable / anti-fungus)	○				○	
Ion Generator	-				-	
CO₂ Sensor	-				-	
Ventilation Kit	-				-	
IR Receiver	PWLRVN000				PWLRVN000	
Zone Controller	-				-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)				PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○				○	
Wi-Fi	PWFMDD200				PWFMDD200	

※ ○ : Applied, - : Not applied
   Option : Refer to model name in table

ARNU07GCEU4 / ARNU09GCEU4 / ARNU12GCEU4
ARNU15GCEU4 / ARNU18GCFU4 / ARNU24GCFU4

* U : Floor Standing without case

Model		Unit	ARNU07GCEU4	ARNU09GCEU4	ARNU12GCEU4	ARNU15GCEU4	ARNU18GCFU4	ARNU24GCFU4
Cooling Capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating Capacity		kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input (H / M / L)	Nominal	W	24 / 17 / 14	30 / 24 / 17	36 / 30 / 24	44 / 35 / 28	54 / 41 / 29	84 / 54 / 41
Dimensions (W x H x D)	Body	mm	978 x 639 x 190	978 x 639 x 190	978 x 639 x 190	978 x 639 x 190	1,256 x 639 x 190	1,256 x 639 x 190
	Shipping	mm	1,055 x 702 x 260	1,055 x 702 x 260	1,055 x 702 x 260	1,055 x 702 x 260	1,333 x 702 x 260	1,333 x 702 x 260
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 2	19 x 2
	Air Flow Rate (H / M / L)	m³/min	8.5 / 7.5 / 6.5	9.5 / 8.5 / 7.5	10.5 / 9.5 / 8.5	11.5 / 10.0 / 9.5	16.0 / 14.0 / 12.0	18.0 / 16.0 / 14.0
	Motor Type		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm (inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm (inch)	Ø12(15/32)	Ø12(15/32)	Ø12(15/32)	Ø12(15/32)	Ø12(15/32)	Ø12(15/32)
Weight	Body	kg	20.0	20.0	20.0	20.0	26.0	26.0
Sound Pressure Levels (H / M / L)		dB (A)	35 / 33 / 31	36 / 34 / 32	37 / 35 / 33	38 / 37 / 35	40 / 37 / 34	43 / 40 / 37
Sound Power Levels (H / M / L)		dB (A)	52 / 47 / 43	54 / 51 / 47	54 / 51 / 50	55 / 54 / 51	57 / 54 / 50	61 / 57 / 54
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	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Communication Cable		mm² x No.	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C	1.0~1.5 x 2C

* Nominal : Performance tested under EN14511
* Rated : Max power input allowed for fan motor
Note : 1. Capacities are based on the following conditions
      - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
      - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
      2. Due to our policy of innovation some specifications may be changed without notification
      3. I.D : 'Internal Diameter'

Accessories

Chassis	ARNU07GCEU4	ARNU09GCEU4	ARNU12GCEU4	ARNU15GCEU4	ARNU18GCFU4	ARNU24GCFU4
Drain Pump	-				-	
Cassette Cover	-				-	
Refrigerant Leakage Detector	PRLDNVS0				PRLDNVS0	
EEV Kit	PRGK024A0				-	
Independent Power Module	PRIP0				PRIP0	
Robot Cleaner	-				-	
Pre Filter (washable / anti-fungus)	○				○	
Ion Generator	-				-	
CO₂ Sensor	-				-	
Ventilation Kit	-				-	
IR Receiver	PWLRVN000				PWLRVN000	
Zone Controller	-				-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)				PDRYCB000 (1 point contact) PDRYCB300 (8 points for thermostat compatible) PDRYCB400 (2 points input) PDRYCB500 (Modbus)	
External Input (1 point)	○				○	
Wi-Fi	PWFMDD200				PWFMDD200	

※ ○ : Applied, - : Not applied
   Option : Refer to model name in table

OUTDOOR UNITS | INDOOR UNITS | HOT WATER SOLUTION | VENTILATION SOULUTIONS | CONTROL SOLUTIONS | ACCESSORIES

COMPATIBILITY

No.	New Function Name (4th generation indoor)	Function Description	Req: Wired Remote Controller	Req: Centralized Controller	Remarks	Premium (PREMTA000 / PREMTA000A / PREMTA000B)	Standard III (PREMTB100) (PREMTBB10)	Standard II (PREMTBB01) (PREMTB001)	Simple for Hotel (PQRCHCA0Q /QW)	Simple (PQRCVCL0Q /QW)	AC EZ (PQCSZ250S0)	AC EZ Touch (PACEZA000)	AC Smart 5 (PACS5A000)	ACP 5 (PACP5A000)	AC Manager 5 (PACM5A000)
1	Energy Monitoring (Accumulated Electric Energy Check)	Monitoring accumulated power consumption by Wired Remote Controller	○	○	* Neccesary to install the PDI (Power Distribution Indicator) and central controller * Combined with MULTI V Water S outdoor unit, this function is not available.	○	○	○	-	-	-	○	○	○	○
		Monitoring accumulated power consumption by Central Control Device / PDI	-	○	* Neccesary to install the PDI (Power Distribution Indicator) * To make a report, central controller must be installed	-	-	-	-	-	-	○	○	○	○
2	2 Set Point	1) 2 set point control by Indoor and Central controller 2) Synchronization function with remote control (Synchronization Setting and Monitoring)	○	○	* Wired remote controller and central controller must be installed * Combined with MULTI V Water S outdoor unit, this function is not available.	○	○	-	-	-	-	-	○	○	○
3	Occupied / Unoccupied Scheduling Function (Sub Func. Enable)	1) Synchronization according to occupied/unoccupied by Indoor and Central control 2) Synchronization icon with remote controller (Synchronization Monitoring)	○	○	* Centralized control is able to when you combine only 4th generation indoor units (Use together with 2nd generation and 4th generation indoors, only wired remote controller is able to set this function as existing way) * Wired remote controller or central controller must be installed (Function can be activeated using just one control device.) * Combined with MULTI V Water S outdoor unit, this function is not available.	○	○	-	-	-	-	-	○	○	○
4	Group Control	Group Control can use Additional function	○	○	* Check more details in PDB (Product Data Book) * Central controller can create and control group.	○	○	○	-	-	-	-	○	○	○
5	Test Run (Heating)	Test run mode can be operated in cooling mode and heating mode for easy service	○	-		○	○	○	-	-	-	-	-	-	-
6	Model Information Monitoring	Product Type / Indoor Type / Indoor capacity information can be monitored by remote controller	○	-		○	○	○	-	-	-	-	-	-	-
7	Indoor unit address checking	Wired remote controller can check indoor unit address information	○	-		○	○	○	-	-	-	-	-	-	-
8	Refrigerant Leakage Detection	Function error sign display when refrigerant leakage occurred	○	○	* Central controller has been installed, CH230 error code can be recognized (Old/New Same) * Without Central Controller, it is able to recognize with wired remote controller (CH230) * Combined with MULTI V Water S outdoor unit, this function is not available. * Accessory PRLDNVS0 must be separately ordered	○	○	○	-	-	-	-	○	○	-
9	Thermo On / Off range Setting (Cooling)	User can set cooling thermo on/off range with wired remote controller for prevention overcooling	○	-	* Thermo On / Off temperature setting (3 step)	○	○	○	-	-	-	-	-	-	-
10	Thermo On / Off range Setting (Heating)	User can set heating thermo on/off range with wired remote controller for prevention overheating. (4 Steps)	○	-	* Thermo On / Off temperature setting (4 step)	○ (4 step)	○ (4 step)	○ (3 step)	○ (3 step)	○ (3 step)	-	-	-	-	-
11	Static Pressure 11 Step Control (Only for Ceiling Concealed Duct Type)	Depends on the installation environment, 4th generation Ceiling Concealed Duct can control the static pressure by 11 steps for providing comfortable environment	○	-	* Only applied in Ceiling Concealed Duct	○	○	○	○	○	-	-	-	-	-
12	1 point External Input (On / Off control)	Indoor unit can control external devices without purchasing Dry contact as an accessory (All 4th generation indoors)	○	-	* Simple On/Off control by Dry Contact at Indoor [Example of Contact port by product type] * 2 Way Cassette : CN-CC Port (Wired remote controller installation function mode 41 is required) * 1 Way / 4 Way Cassette / Ceiling Concealed Duct / Wall Mounted Unit Console / FAU / Floor Standing (with case / without case) : CN-EXT Port	-	○	-	-	-	-	-	-	-	-
13	Filter Sign (Remaining Time)	The alarm activates when the filter needs to be cleaned, and the time remaining for cleaning is displayed on the screen.	○	○	* The alarm activates on the central controller, but the remaining time is not displayed.	○	○	○	-	-	○	○	○	○	○
14	Auto restart function Disable / Enable	After the power failure compensation, stand by at OFF mode Restore the operation for the status before the power off	○	-		○	○	○	-	-	-	-	-	-	-
15	Indoor Humidity display	Monitoring indoor humidity Wired Remote Controller	○	○	* Available only with MULTI V 5	-	○	-	-	-	-	-	○	○	-
16	Comfort Cooling setting	set the outdoor unit Comfort cooling operation value	○	○	* Available only with MULTI V 5	-	○	-	-	-	-	-	-	○	○
17	Smart Load Control setting	Change the outdoor unit's Smart Load Control stage value.	○	○	* Available only with MULTI V 5	-	○	-	-	-	-	-	-	○	○
18	ODU Refrigerant Noise Reduction setting	set the outdoor unit's refrigerant noise reduction function	○	○	* Available only with MULTI V 5	-	○	-	-	-	-	-	-	○	○
19	Low noise mode time setting	set the start and end time of the outdoor unit's low noise mode operation	○	○	* Available only with MULTI V 5	-	○	-	-	-	-	○	○	○	-

Note : 1. No.1, 2, 3, 8 : Functions are available to use together with 4th generation Indoor units only. If used together 2nd generation indoor unit and 4th generation indoor unit functions will not be activate. Combined with MULTI V Water S outdoor unit this function is not available
2. No. 4, 5, 6, 7, 9, 10, 11, 12, 13, 14 : If used together 2nd generation indoor unit and 4th generation indoor unit these functions will be activate only in 4th generation indoor
3. 2nd generation indoor unit : Ceiling & Floor Convertible Unit, Ceiling Suspended Unit, HYDRO KIT (Low Temp. / High Temp.), ERV DX (with Humidifier, without Humidifier), AHU Communication Kit

※ ○ : Applied, - : Not applied

COMPATIBILITY

Product			Premium PREMTA000 PREMTA000A PREMTA000B	Standard III PREMTBB10	Standard III PREMTB100	Standard II PREMTBB01	Standard II PREMTB001	Simple PQRCVCL0Q	Simple PQRCVC0QW	Simple for Hotel PQRCHCA0Q	Simple for Hotel PQRCHCA0QW	Wireless PQWRHQ0FDB	Dry Contact Simple Dry Contact PDRYCB000	Dry Contact 2 points Dry Contact PDRYCB400	Dry Contact Dry Contact for Thermostat PDRYCB300	Dry Contact For Modbus PDRYCB500
Ceiling Mounted Cassette	Round Cassette	ARNU24GTYA4 ARNU36GTYA4 ARNU4BGTYA4	○	○		○		○		○		○	○	○	○	○
	4 Way	ARNU-A4 ARNU-C4 ARNU-D4	○	○		○		○		○		○	○	○	○	○
	2 Way / 1 Way	ARNU-C4	○	○		○		○		○		○	○	○	○	○
Ceiling Concealed Duct	High Sensible	ARNU-A4	○	○		○		○		○		△	○	○	○	○
	High / Mid Statics	ARNU-A4	○	○		○		○		○		△	○	○	○	○
	Low Statics	ARNU-G4	○	○		○		○		○		△	○	○	○	○
FAU (Fresh Air intake Unit)		ARNU-Z4	○	○		○		○		○		△	○	○	○	○
Convertible & Ceiling Suspended Unit		ARNU-A4	○	○		○		○		○		○	○	○	○	○
Console		ARNU-A4	○	○		○		○		○		○	○	○	○	○
Floor Standing Unit		ARNU-A4 ARNU-U4	○	○		○		○		○		○	○	○	○	○
Wall Mounted Unit		ARNU-A4	○	○		○		○		○		○	○	○	○	○
		ARNU-R4	○	○		○		○		○		○	○	○	○	○
		ARNU-A4 ARNU-C4 ARNU-N4	○	○		○		○		○		○	○	○	○	○
HYDRO KIT [1]		ARNH-A4	-	-		-		-		-		-	○	-	○	-
Ventilation	Energy Recovery Ventilator		○	○		○		-		-		-	○	-	-	○
	Energy Recovery Ventilator with DX coil		○	○		○		-		-		-	○	-	-	○
AHU Communication Kit			○	○		○		○		-		△	-	-	-	-

※ ○: Compatible, △: Need wired remote controller / IR receiver, - : Not compatible
1) It has a separate remote controller

FEATURE FUNCTIONS

Controller Name			Wired Remote Controller					Wireless Remote Controller	Wi-fi Controller
			Premium	Standard III	Standard II	Simple	Simple(Hotel)		
Model Name			PREMTA000 PREMTA000A PREMTA000B	PREMTB100 PREMTBB10	PREMTB001 PREMTBB01	PQRCVCL0Q PQRCVCL0QW	PQRCHCA0Q PQRCHCA0QW	PQWRHQ0FDB	PWFMDD200
Basic		On / Off	○	○	○	○	○	○	○
		Fan Speed Control	○	○	○	○	○	○	○
		Temperature Setting	○	○	○	○	○	○	○
		Mode Change	○	○	○	○	-	○	○
		Auto Swing	○	○	○	○	○	○	
		Vane Control (Louver Angle)	○	○	○	○	○	○	○
		E.S.P (External Static Pressure)	○	○	○	○	○	-	-
		Electric Failure Compensation	○	○	○	○	○	-	○
		Indoor Temperature Display	○	○	○	○	○	-	
		ALL Button Lock (Child Lock)	○	○	○	○	-	-	-
Advanced		Schedule / Timer	Weekly~Yearly	Weekly~Yearly	Weekly	-	-	Sleep / On / Off	Weekly
		Additional Mode Setting [1]	○	○	○	-	-	-	-
		Time Display	○	○	○	-	-	○	-
		Humid. Display	○	○	-	-	-	-	-
		Advanced Lock (mode, set point, set point range, on/off Lock)	Advanced Lock	Advanced Lock	Mode Lock	-	-	-	-
		Filter Sign	○	○	○	-	-	-	-
		Energy Management [2]	○	○	○	-	-	-	-
		Dual Set Point	○	○	-	-	-	-	-
		Human Detection	-	○	-	-	-	-	-
		Temp, Humidity Compensation	○	○	-	-	-	-	-
		Wifi AP mode setting	○	○	○	○	○	○	-
ETC		Operation Status LED	○	○	○	○	○	-	-
		Wireless Remote Controller Receiver	○[3]	-	○[3]	○[3]	○[3]	-	-
		Display	5 inch Color	4.3 inch Color	4.3 inch mono	2.6 inch mono	2.6 inch mono	2 inch mono	-
		Size (W x H x D, mm)	137 x 121 x 16.5	120 x 120 x 16	120 x 120 x 16	64 x 120 x 15	64 x 120 x 15	51 x 153 x 26	-
		Black Light Control for Screen Saver	○	○	-	-	-	-	-

※ ○: Applied, - : Not Applied
1) It might not be indicated or operated at the partial product
2) Centralized control (PACEZA000 / PACS5A000 / PACP5A000 / PLNWKB000) and PDI (PQNUD1S40 / PPWRDB000) should be installed for this function
3) For ceiling type duct
Note : 1. Indoor unit should have functions requested by the controller
      2. If you need more detail, please refer to the manual of product. (http://partner.lge.com: Home> Doc.Library> Manual)