



LG AIR CONDITIONER

MULTI VTM INDOOR UNIT



INDOOR UNIT

Wall Mounted Unit

Ceiling Concealed Duct

Ceiling & Floor Convertible Unit

Console

MULTI V Indoor Compatibility

Ceiling Mounted Cassette

Fresh Air Intake Unit

Ceiling Suspended Unit


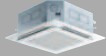





Floor Standing Unit (with case / without case)





INDOOR UNIT

LINE UP

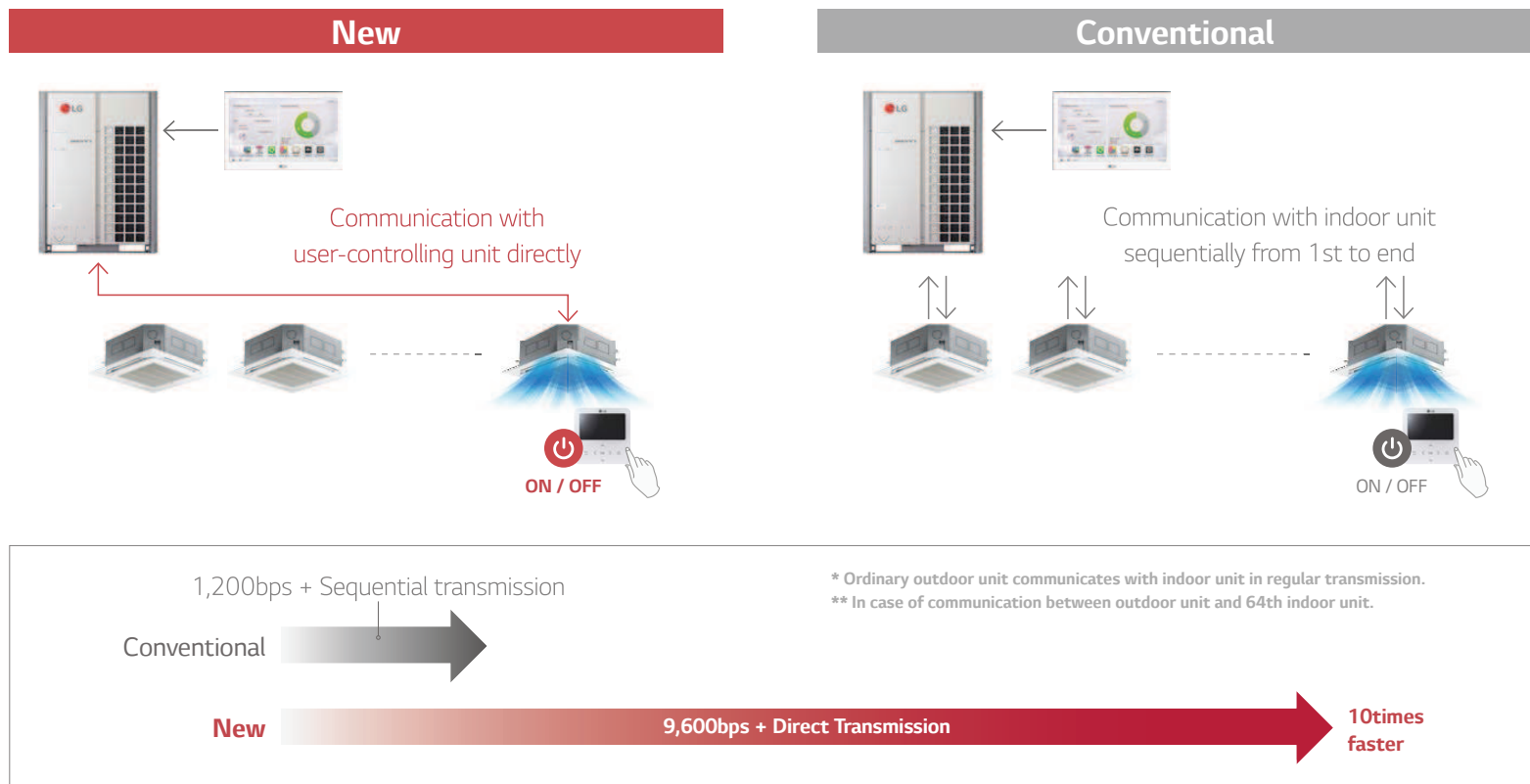
		kW																
		1.5	2.2	2.8	3.6	4.5	5.6	6.2	7.1	8.2	9.0	10.6	12.3	14.1	15.8	17.5	22.4	28.0
Type	Btu/h	5k	7k	9k	12k	15k	18k	21k	24k	28k	30k	36k	42k	48k	54k	60k	76k	96k
4th generation Wall Mounted Unit	Artcool Gallery 		■	■	■													
	Artcool Mirror 	■	■	■	■	■	■	■	■									
	Standard  NEW!	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4th generation Ceiling Mounted Cassette	4 Way Cassette (570 x 570) 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	4 Way Cassette (840 x 840) 								■	■	■	■	■	■	■	■	■	■
	2 Way Cassette  NEW!			■	■		■	■	■	■	■	■	■	■	■	■	■	■
	1 Way Cassette 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4th generation Ceiling Concealed duct	Mid / High Statics 		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Low Statics 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Built-in 		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4th generation Fresh Air Intake Units 														■			■	
4th generation Ceiling & Floor Convertible Unit 			■	■														
4th generation Ceiling Suspended Unit 							■	■	■	■	■	■	■	■	■	■	■	■
4th generation Console  NEW!		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4th generation Floor Standing Unit	Floor Standing Unit with case 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Floor Standing Unit without case 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2nd generation HYDRO KIT	Low Temperature 													■	■	■	■	■
	High Temperature 													■	■	■	■	■
4th generation Energy Recovery Ventilator with DX Coil	with Humidifier  NEW!					■	■	■	■	■	■	■	■	■	■	■	■	■
	without Humidifier  NEW!					■	■	■	■	■	■	■	■	■	■	■	■	■

INDOOR UNIT KEY FEATURES

COMFORT

Quick Control

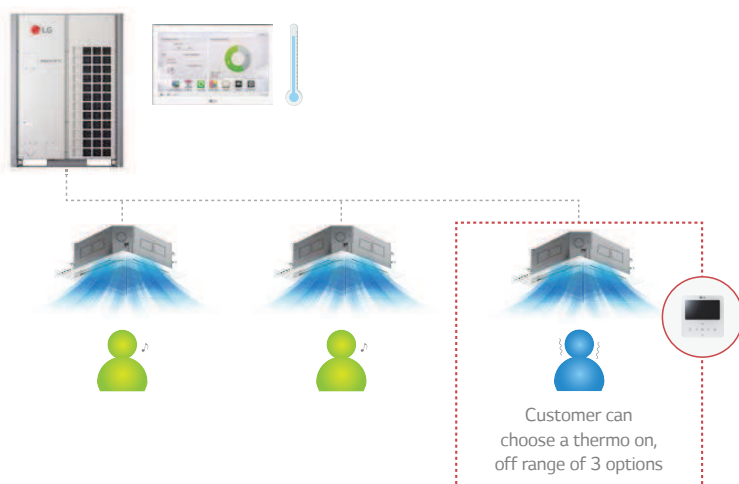
4th Generation indoor unit offers rapid heating and cooling about 10times faster than conventional through communication mode change and improved communication speed.



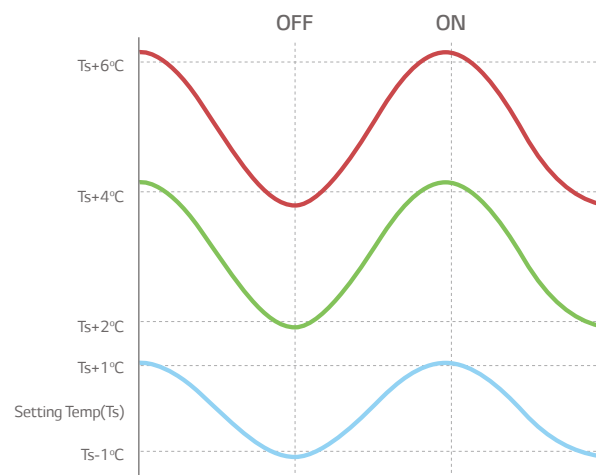
Thermo On / Off Range Setting (Cooling)

User can set cooling thermo on / off range with wired remote controller for prevention overcooling and making optimized indoor environment.

Prevention Overcooling



Cooling Thermo On / Off Range



Filter Sign (Remaining Time)

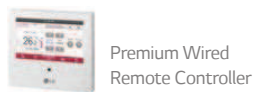
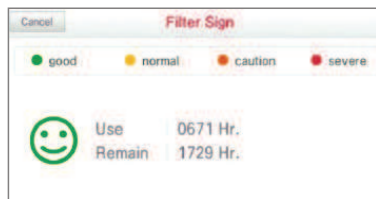
The alarm is activated when the filter needs to be cleaned, and the time remaining for cleaning is displayed on the screen, which is convenient for users.

New

Remain Time Until Indoor Filter Cleaning + Alarm



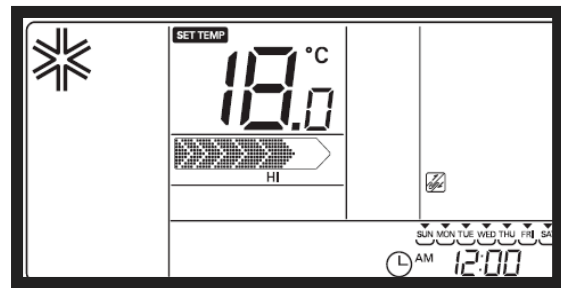
Remain time until indoor filter cleaning 2400hr.



Remain time until indoor filter cleaning 1729hr.

Conventional

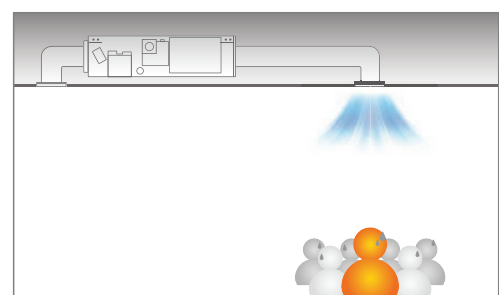
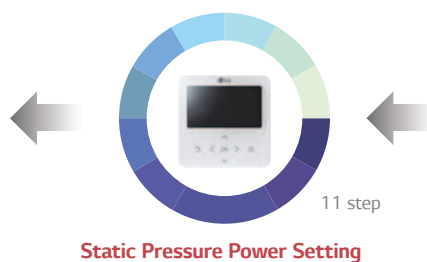
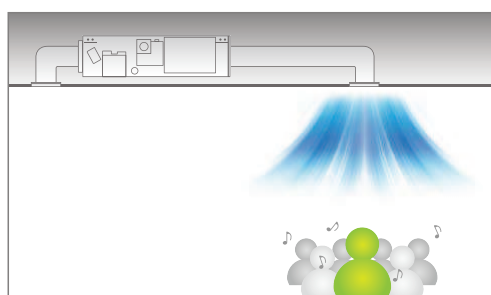
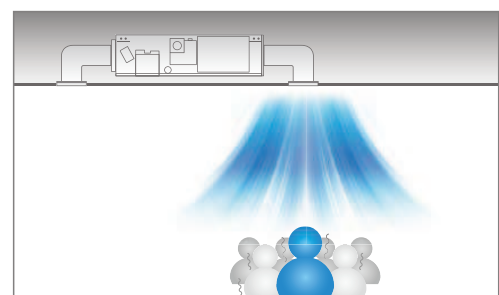
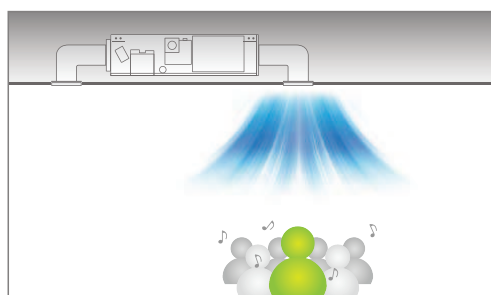
Only Alarm



Static Pressure 11 Step Control (Only for Ceiling Concealed Duct)

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

New



INDOOR UNIT KEY FEATURES

CONVENIENCE

Group Control

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

New	Conventional
 <p>Standard Operation + In Case of Group Control</p>	 <p>Standard Operation</p>
<p>Cooling / Heating Dehumidification Fan only operating Setting temp.</p>	<p>Cooling / Heating Dehumidification Fan only operating Setting temp.</p>
<div style="border: 1px solid black; padding: 5px;">  <p>* In case of all indoor unit in 1 group is the same unit. ** Fan Auto function is applicable only in the ceiling concealed duct.</p> </div>	<div style="border: 1px solid gray; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> ⊘ </div> <p>Sub function isn't operating</p>

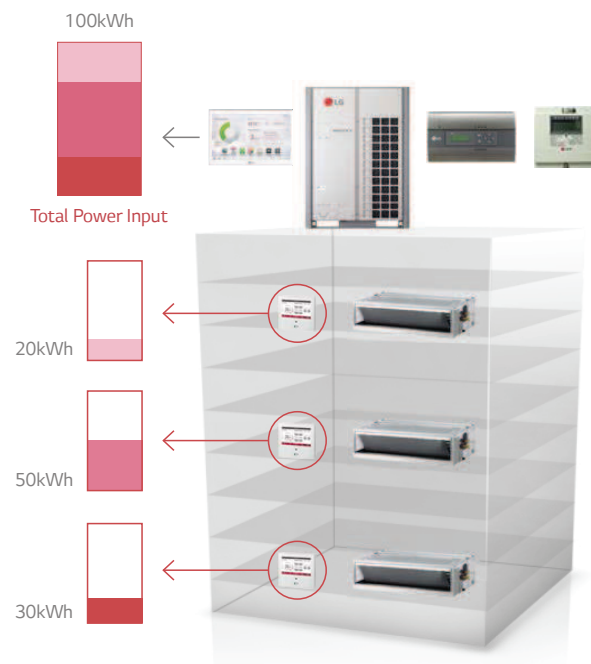
Energy Monitoring (Accumulated Electric Energy Check)

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



Apply for multistory building



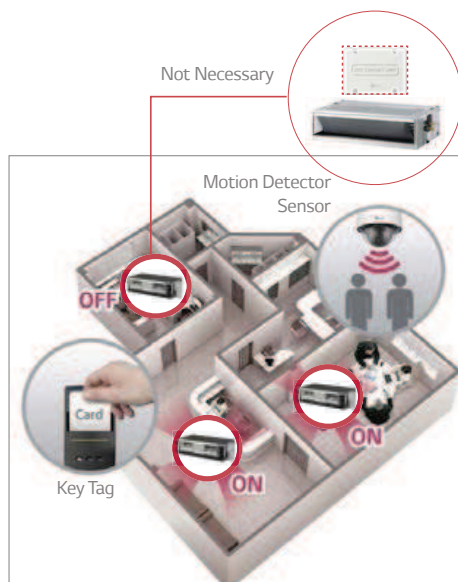
* Outdoor unit's accumulated electric energy / using rate of individual indoor unit + indoor unit's accumulated electric energy is displayed in wired remote controller, only when central controller, digital integrating electricity meter and PDI are installed and PDI, outdoor unit and indoor unit are 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.

1 Point External Input (On / Off Control)

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

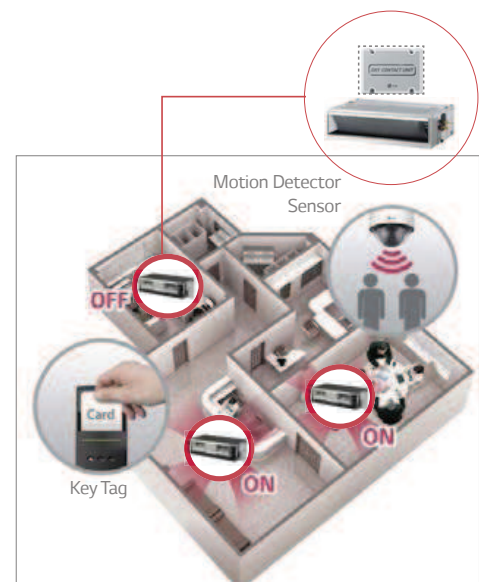
New

Connection between an indoor unit and external devices directly

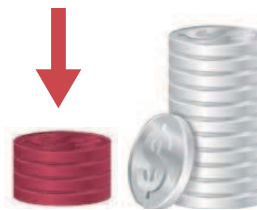


Conventional

Connection between an indoor unit and external devices through dry contact



Cost Savings



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

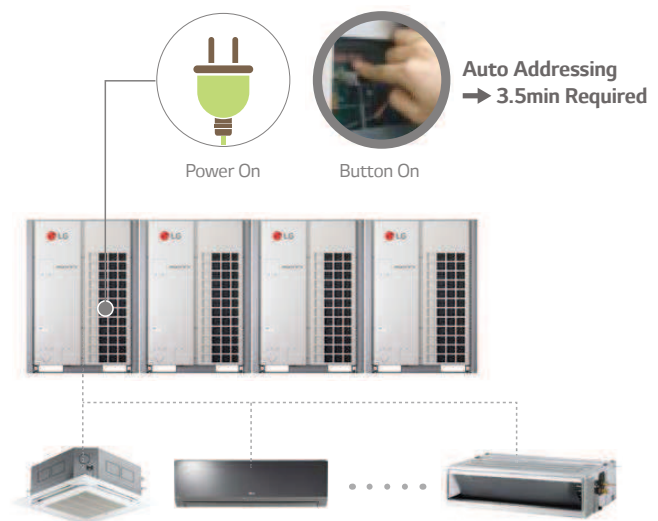
Auto Addressing

Addressing time has been reduced up to 1.5min., that needed only power on without any process. Auto addressing takes shorter as 57% as compared to conventional.

New



Conventional



* 64ea indoor units installing time

INDOOR UNIT KEY FEATURES

CONVENIENCE

Compatibility

- **Outdoor unit**

- Any MULTI V series outdoor unit can be installed

- **Indoor unit**

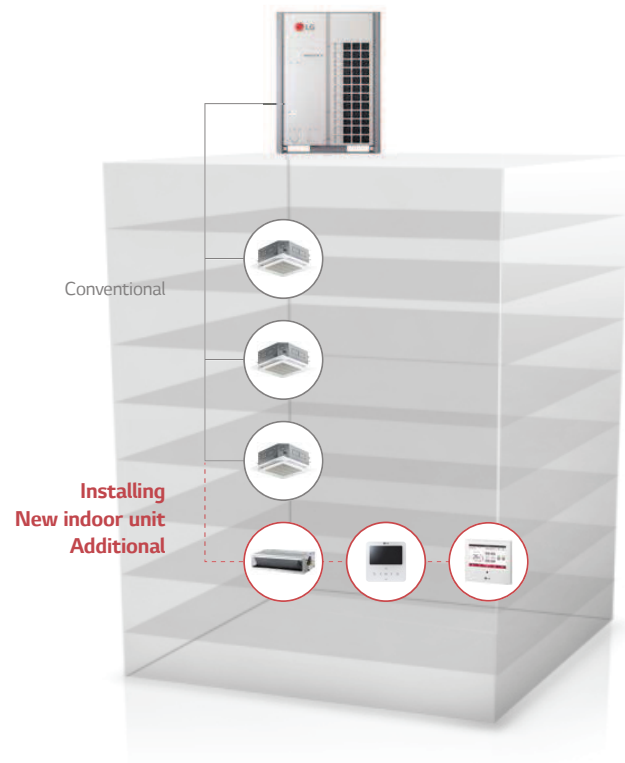
- Any MULTI V series can be installed

- **Wired remote controller**

- Standard III : PREMTB100, PREMTBB10
- Standard II : PREMTB001, PREMTBB01
- Premium : PREMTA000, PREMTA000A, PREMTA000B

- **Implementable Functions**

- Static Pressure 11 Step Control
- Cooling thermo on / off range setting
- Filter Sign
- Control the external devices
- Heating test run mode
- Convenient check information



Test Run (Heating)

Test run mode can be operated cooling mode and heating mode for easy service.

New

Conventional

Heating and cooling test run mode are available

Heating test run mode is unavailable

Model Information Monitoring

User can check indoor unit and outdoor unit's information with wired remote controller, so that is convenient for service.

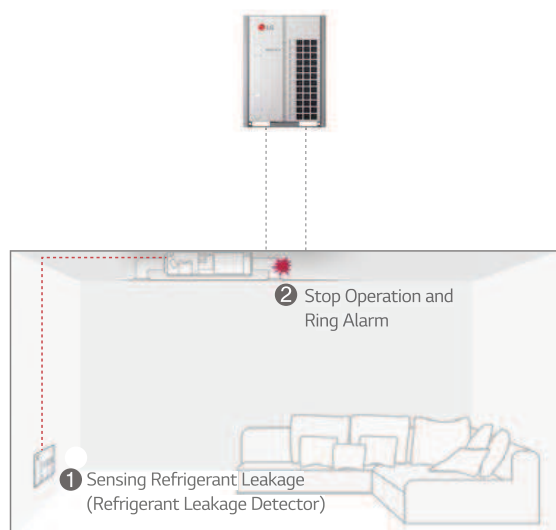
Category	No.	Model							
First number : Outdoor unit	0	MULTI V							
	1	MULTI							
	2	Single							
Category	No.	Model	No.	Model	No.	Model			
Second Number : Indoor Unit	0	CST	6	Console	A	HYDRO KIT for Medium Temp.			
	1	Duct	7	Single Package	B	HYDRO KIT for High Temp.			
	2	CVT	8	General Ventilation	-	-			
	3	PAC	9	AWHP	-	-			
	4	RAC	-	-	-	-			
Category	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	
Third number : capacity of the indoor unit	MULTI V	0	5K	4	15K	8	36K	C	76K
		1	7K	5	18K	9	42K	D	96K
		2	9K	6	24K	A	48K	-	-
	MULTI	3	12K	7	28K	B	54K	-	-
		0	5K	4	12K	8	20K	-	-
		1	7K	5	14K	9	24K	-	-
	Single	2	8K	6	15K	A	30K	-	-
		3	9K	7	18K	B	36K	-	-
		0	9K	4	24K	8	48K	-	-
	Single	1	12K	5	30K	9	60K	-	-
		2	18K	6	36K	-	-	-	-
		3	21K	7	42K	-	-	-	-



Refrigerant Leakage Detection (Option Function)

To meet the Global refrigerant leakage regulation, LG uses refrigerant leakage detection kit. This detector senses refrigerant leakage and when the refrigerant concentration exceeds 6,000ppm not only stopping the indoor unit operation but also giving an alarm using buzzer and sensor LED (The green and red LED lights blink simultaneously).

Refrigerant Leakage Detection



* Refrigerant leakage detector is option accessory.

In Case of Leak Refrigerant



Oxygen Reduction



Life Span Reduction



Environmental Pollution

Global Regulation



INDOOR UNIT KEY FEATURES

WALL MOUNTED UNIT

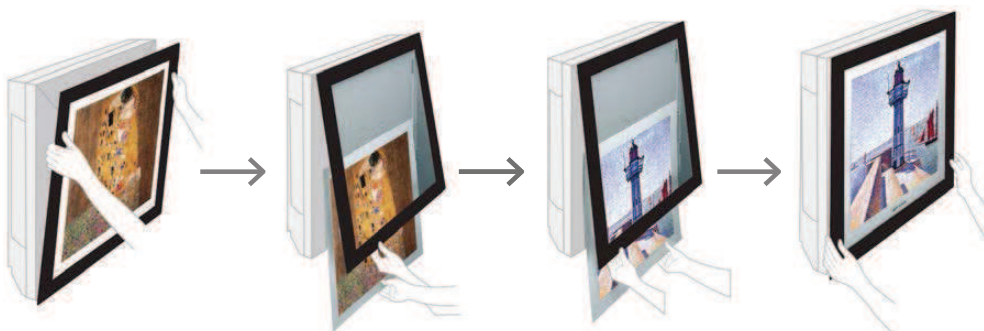
Aesthetic Design

You no longer need to be told what your air conditioner should look like. With LG's revolutionary ARTCOOL Gallery, you can change the look of your air conditioner to whatever you want, whenever you want. The ARTCOOL series have outstanding designs and have been awarded the International Forum Design Award, the Reddot Design Award and the G Mark.

Gallery



How to Change the Picture

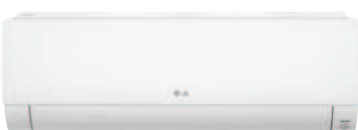


ARTCOOL Mirror

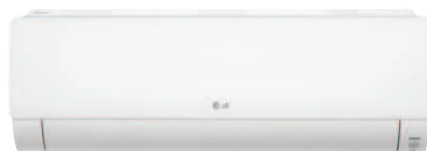


Mirror

Standard



5K / 7K / 9K / 12K / 15K



18K / 24K



30K / 36K

Embedded Wi-Fi

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 Smart ThinQ



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

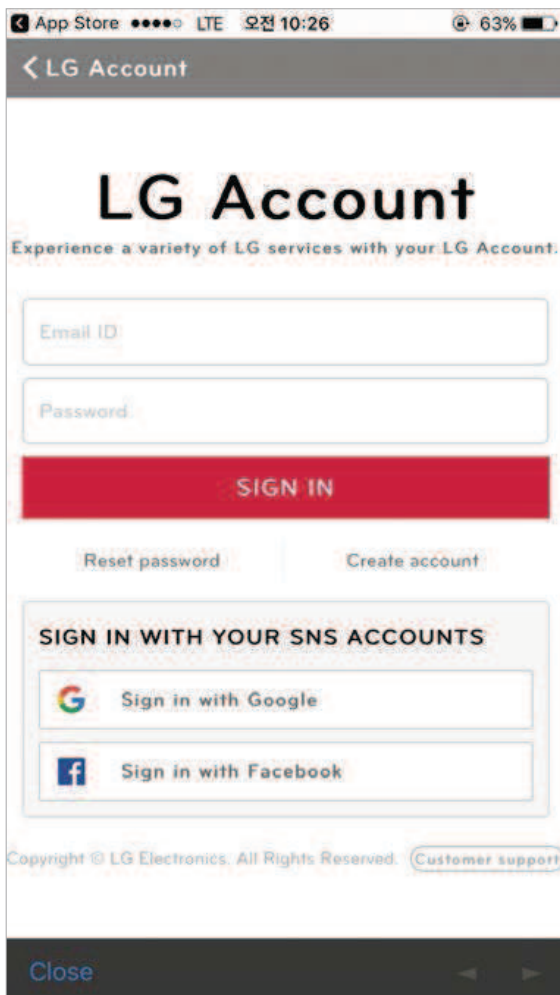


LG Smart ThinQ

How it Works

Easy Registration and Log-in

Follow the easy set-up steps that will activate smart ThinQ'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

INDOOR UNIT KEY FEATURES

WALL MOUNTED UNIT

Plasmaster™ Ionizer^{PLUS}

The powerful plasma ionizer protects you from odors and harmful substances 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, cleaner environment.

* Specifications may vary for each model.

* Depending on the experimental conditions.

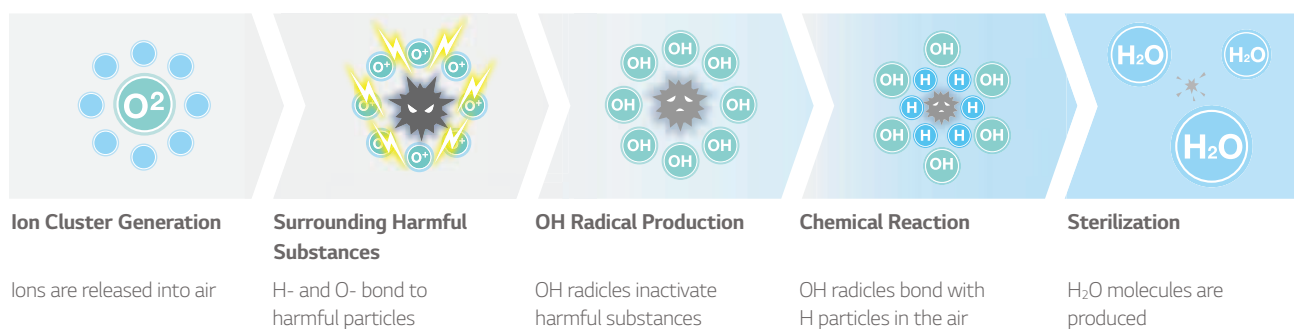
* This function will be available with following models and date.

- ARNU**GSJN4, ARNU**GSKN4 : From ` 17 May

How It Works

Sterilization and Deodorization (Utilizes Over 3 Million Ions)

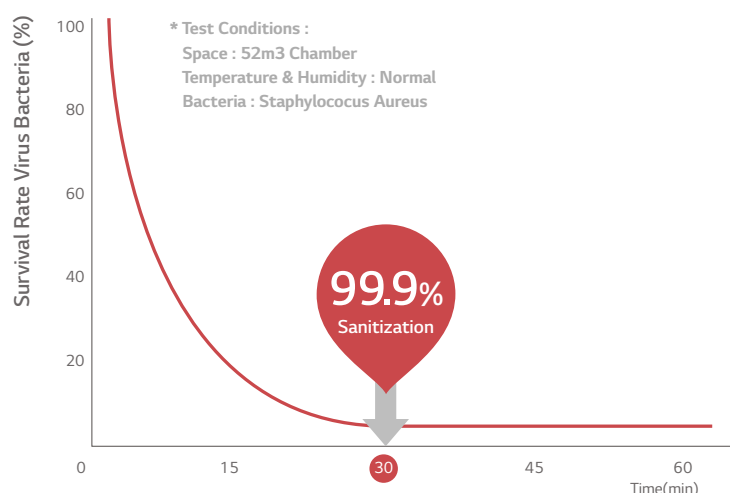
Plasmaster Ionizer+ reduces harmful microscopic particles by infusing the air passing through the air conditioner with over 3 millions ions.



Test Result

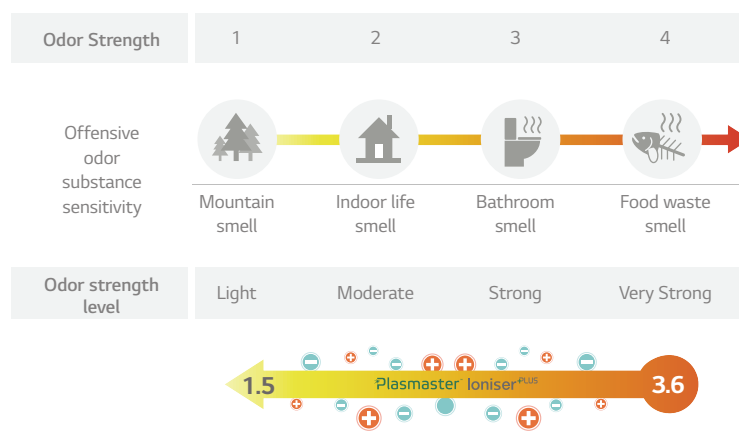
Sterilization Performance Evaluations

Plasmaster Ionizer+ reduces harmful microscopic particles by infusing the air passing through the air conditioner with over 3 millions ions.



2.1 odor strength decrease in 60 minutes

An odor of strength 2 or less indicates that there is odor but no sense of displeasure (degree of odor permissible).



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

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

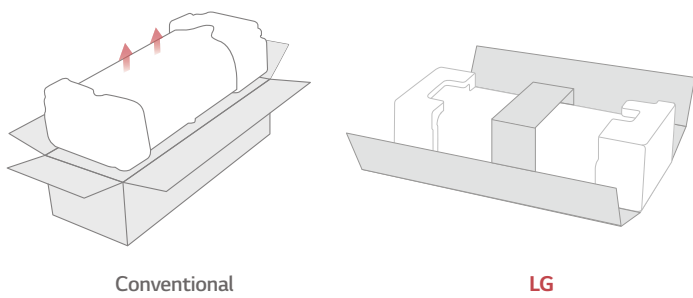
* Specifications may vary for each model.

Concept

By reducing the manpower and time required for installation, it is now possible to install more units in less time.

How It Works

One Simple Packing Box

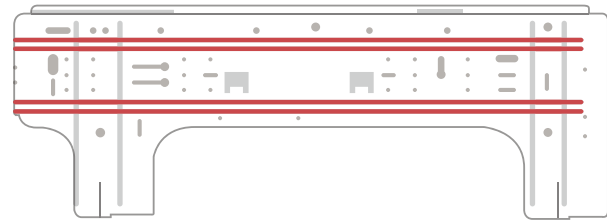


Conventional

LG

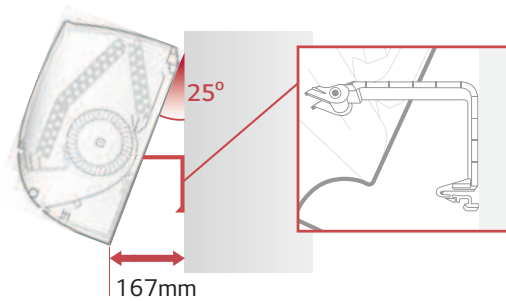
Installation Plate Improvement

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



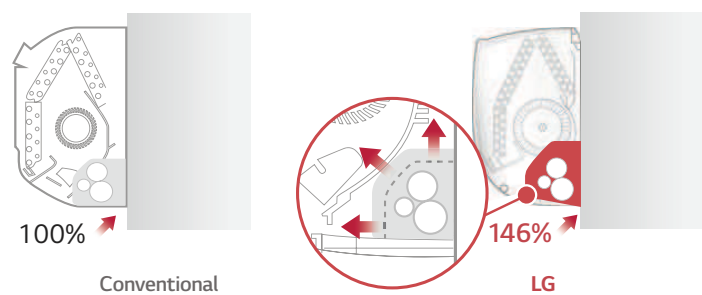
Installation Support Clip

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



Wider Tubing Space

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

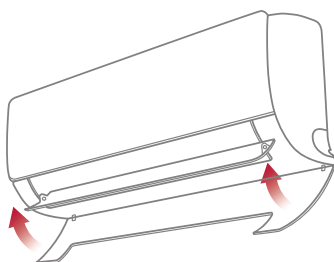


Conventional

LG

Detachable Bottom Cover

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



Quick button for running test

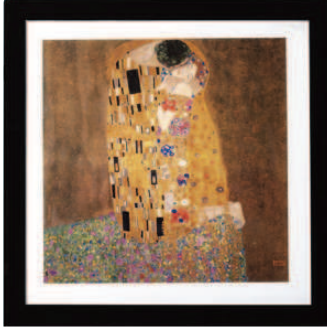
The test button is conveniently located and easy to find.



INDOOR UNIT SPECIFICATION

ARTCOOL GALLERY

ARNU07GSF14 / ARNU09GSF14 / ARNU12GSF14



Model	Independent Unit			ARNU07GSF14	ARNU09GSF14	ARNU12GSF14
Capacity	Cooling	Nom	kW	2.2	2.8	3.6
	Heating	Nom	kW	2.5	3.2	4.0
Power Input	Cooling / Heating	Nom ¹⁾	W	28	28	35
	Cooling / Heating	Rated ²⁾	W	35	35	35
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
Airflow Rate	Cooling	H / M / L	m ³ /min	8.1 / 6.3 / 4.2	8.1 / 6.3 / 4.2	9.3 / 7.7 / 6.0
	Heating	H / M / L	m ³ /min	8.1 / 6.3 / 4.2	8.1 / 6.3 / 4.2	9.3 / 7.7 / 6.0
Sound Pressure	H / M / L			38 / 32 / 27	38 / 32 / 27	44 / 38 / 32
Sound Power	H / M / L			48 / 44 / 39	48 / 44 / 39	54 / 48 / 42
Dimensions	Body	W x H x D	mm	600 X 600 X 146	600 X 600 X 146	600 X 600 X 146
Net Weight				15.0	15.0	15.0
Piping Connection	Liquid			6.35	6.35	6.35
	Gas			12.7	12.7	12.7
	Drain	I.D	mm	12.2	12.2	12.2

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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







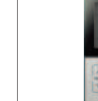
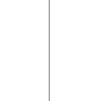
- Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero

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

3. I.D : ' Internal Diameter '

Accessories

Model	ARNU07GSF14	ARNU09GSF14	ARNU12GSF14
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	PRGK024A0		

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

INDOOR UNIT SPECIFICATION

STANDARD

ARNU05GSJN4 / ARNU07GSJN4 / ARNU09GSJN4 / ARNU12GSJN4 / ARNU15GSJN4 / ARNU18GSKN4 / ARNU24GSKN4 / ARNU30GSVA4 / ARNU36GSVA4



Model	Independent Unit			ARNU05GSJN4	ARNU07GSJN4	ARNU09GSJN4	ARNU12GSJN4	ARNU15GSJN4	ARNU18GSKN4	ARNU24GSKN4	ARNU30GSVA4	ARNU36GSVA4
Capacity	Cooling	Nom	kW	1.6	2.2	2.8	3.6	4.5	5.6	7.1	8.5	10.4
	Heating	Nom	kW	1.8	2.5	3.2	4.0	5.0	6.3	7.5	9.2	10.8
Power Input	Cooling / Heating	Nom ¹⁾	W	10.0	11.0	12.0	15.0	23.0	32.0	39.0	83	98
	Cooling / Heating	Rated ²⁾	W	30.0	30.0	30.0	30.0	30.0	53.0	53.0	154	154
Power Supply			∅ / 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	1 / 220 - 240 / 50 1 / 220 / 60	1 / 220 - 240 / 50 1 / 220 / 60
Airflow Rate	Cooling	H / M / L	m ³ /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	14.0 / 12.0 / 10.5	15.2 / 12.7 / 10.5	22.0 / 19.0 / 16.0	27.0 / 24.0 / 20.0
	Heating	H / M / L	m ³ /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	14.0 / 12.0 / 10.5	15.2 / 12.7 / 10.5	22.0 / 19.0 / 16.0	27.0 / 24.0 / 20.0
Sound Pressure		H / M / L	dB(A)	30 / 29 / 28	32 / 30 / 28	34 / 32 / 28	37 / 34 / 30	42 / 39 / 32	43 / 39 / 34	46 / 41 / 34	48 / 45 / 42	50 / 47 / 43
Sound Power		H / M / L	dB(A)	54 / 53 / 52	54 / 53 / 52	55 / 54 / 52	55 / 54 / 53	58 / 56 / 54	63 / 57 / 52	65 / 60 / 54	61 / 58 / 55	63 / 60 / 57
Dimensions	Body	W x H x D	mm	837 x 302 x 189	837 x 302 x 189	837 x 302 x 189	837 x 302 x 189	837 x 302 x 189	998 x 330 x 210	998 x 330 x 210	1,190 x 346 x 265	1,190 x 346 x 265
Net Weight			kg	8.50	8.50	8.50	8.50	8.50	12.50	12.50	19.0	19.0
Piping Connection	Liquid		mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52	9.52	9.52
	Gas		mm	12.7	12.7	12.7	12.7	12.7	12.7	15.88	15.88	15.9
	Drain	I.D	mm	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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	ARNU05GSJN4	ARNU07GSJN4	ARNU09GSJN4	ARNU12GSJN4	ARNU15GSJN4	ARNU18GSKN4	ARNU24GSKN4	ARNU30GSVA4	ARNU36GSVA4	
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						PRGK024A0				

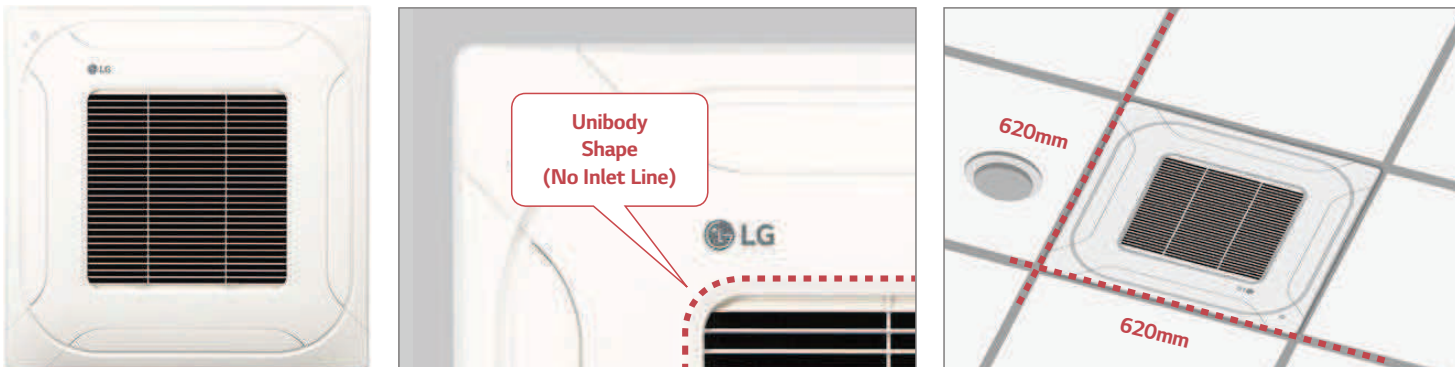
Wired Remote Controller							Wireless Remote Controller
Premium	Standard III		Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB100 (White)	PREMTBB10 (Black)	PREMTB001 (White)	PREMTBB01 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCHCA0Q (Black) PQRCHCA0QW (White)	PQWRHQ0FDB

INDOOR UNIT KEY FEATURES

CEILING MOUNTED CASSETTE (4 Way)

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



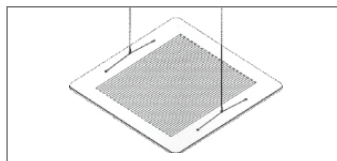
Auto Elevation Grille

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

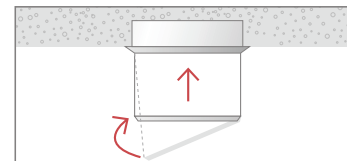
Easy filter cleaning with elevation grill.



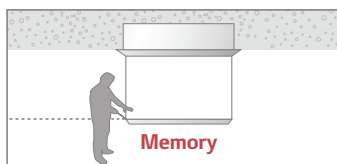
4-Point Support Structure



Auto Leveling



Memory for User's Level



Auto Stop Detection



* Operating with wired remote controller (Model Name : PREMTB001,PREMTBB01) and wireless remote controller included in PTEGM0.

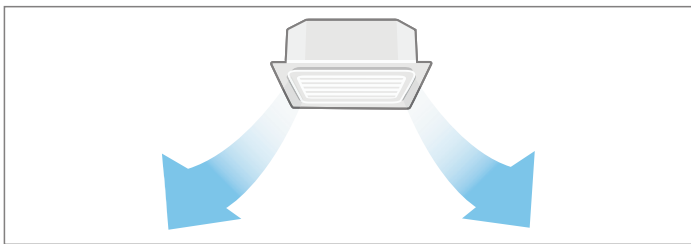
* Except ARNU05GTRC4, ARNU07GTRC4, ARNU09GTRC4, ARNU12GTRC4, ARNU15GTQC4, ARNU18GTQC4, ARNU21GTQC4

* Applied to Cassette panel PT-UMC1

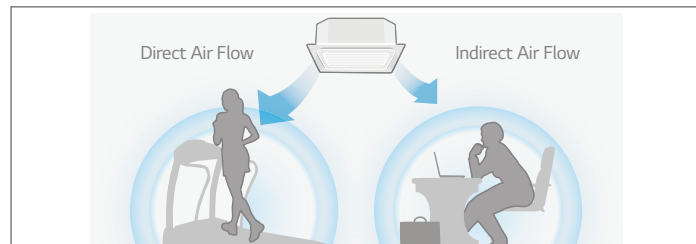
Independent Vane Control

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

All Vane Operation



Independent Vane Control



Compact Size

The indoor unit with slim and compact dimensions has reduced the restriction which enables successful installation in various spaces.



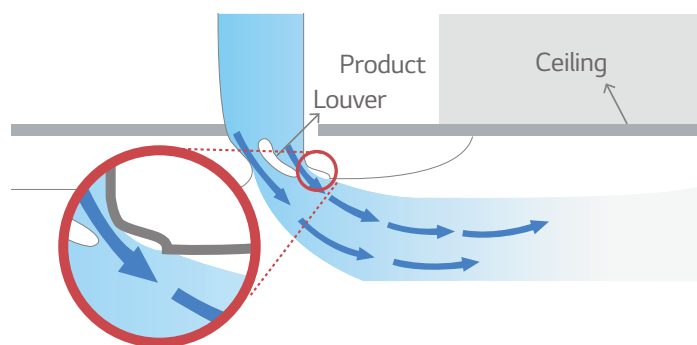
Capacity	Height
7.1 ~ 9.0kW	204mm
10.6kW	246mm
12.3 ~ 15.8kW	288mm

* Length Width : 840 x 840mm

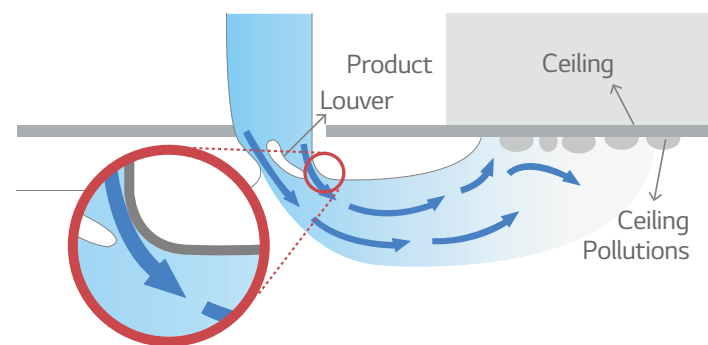
Prevent Ceiling Pollution

Coanda design of air outlet can prevent contamination of ceiling.

Coanda Design



Conventional



INDOOR UNIT KEY FEATURES

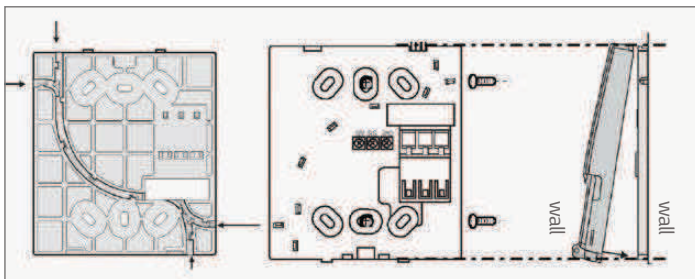
CEILING MOUNTED CASSETTE (4 Way / 2 Way)

Flexible Connection

Flexible connection of remote controller.

- Group control : 1 remote controller up to 16 indoor units. / Second remote control : 2 remote controllers to 1 indoor unit.

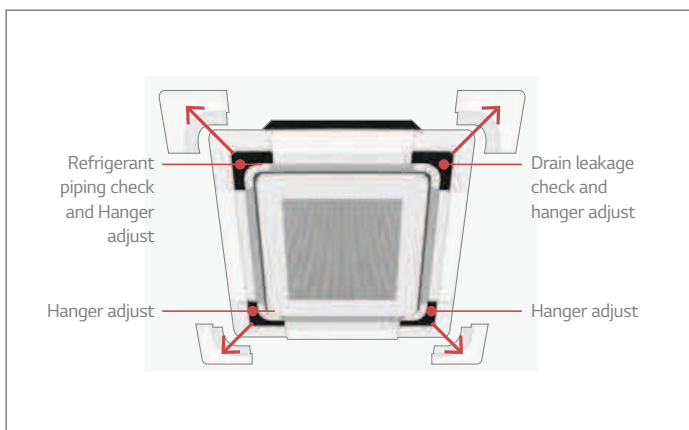
Easy & Solid Attachment to the Wall



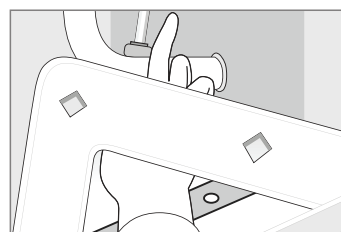
Convenient Panel Installation

The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain connection pipe.

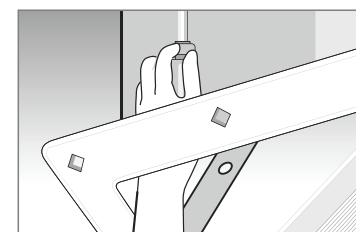
Detachable Corner Design



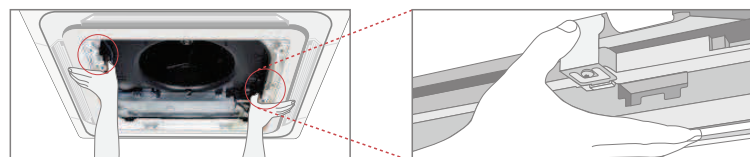
Drain leakage check



Hanger adjust

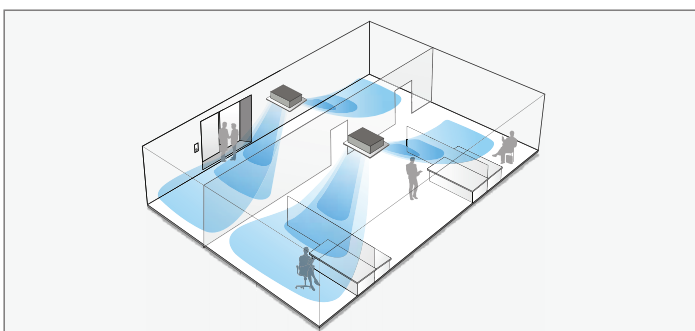


It is easy to install the panel to the body, using the button type panel design.



2 Way air flow without temperature variation

2 Way cassette is suitable for narrow type of space such as office / hotel / dormitory corridor and it provides thermal comfort without temperature variation.



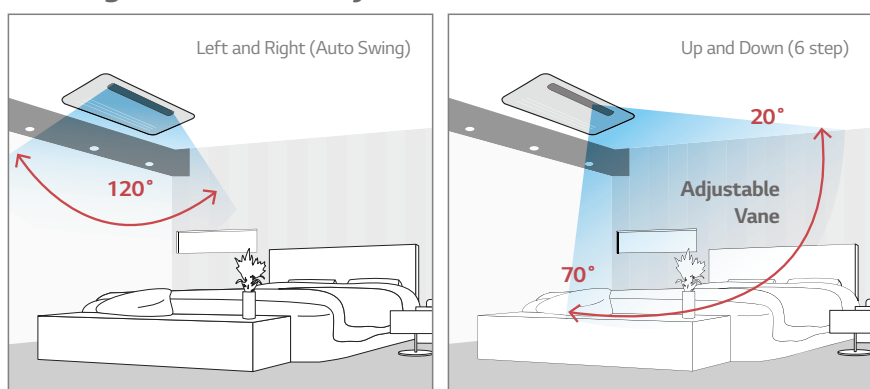
INDOOR UNIT KEY FEATURES

CEILING MOUNTED CASSETTE (1 Way)

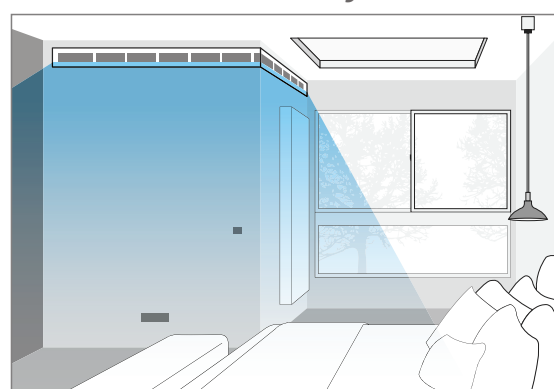
6-Step Vane Control

There are 6 different steps to control air flow direction. Also 1 way cassette has vane to move auto swing between left and right as 120 degree.

Moving Air Flow_1 Way cassette



Fixed Air Flow_Duct system



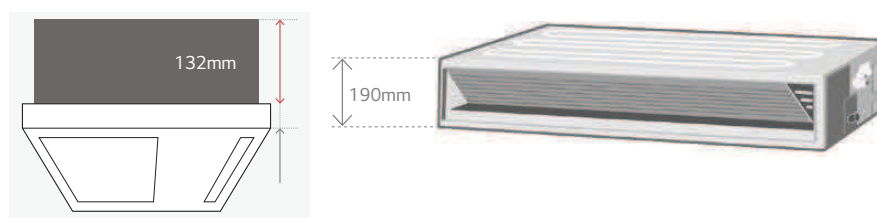
Minimized Height

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)

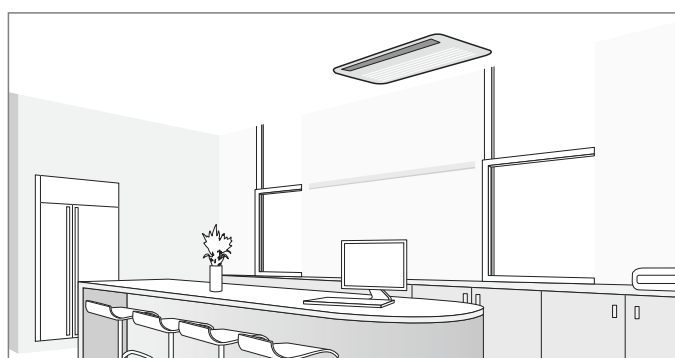
	LG	A Company	B Company
1 Way Cassette	132	215	230
Duct	190	200	200



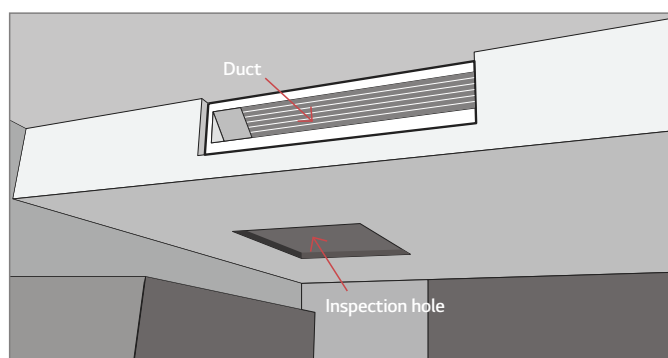
Flexible Installation

The access for inspection at 1 Way Cassette does not require additional ducted space making the installation environment uncomplicated.

1 Way cassette



Duct



INDOOR UNIT SPECIFICATION

4 Way CASSETTE (570 × 570)

ARNU05GTR*4 / ARNU07GTR*4 / ARNU09GTR*4 / ARNU12GTR*4
ARNU15GTQ*4 / ARNU18GTQ*4 / ARNU21GTQ*4



A : Basic / C : Plasma

Model	Independent Unit		ARNU05GTR*4	ARNU07GTR*4	ARNU09GTR*4	ARNU12GTR*4	ARNU15GTQ*4	ARNU18GTQ*4	ARNU21GTQ*4	
Capacity	Cooling	Nom kW	1.6	2.2	2.8	3.6	4.5	5.6	6.0	
	Heating	Nom kW	1.8	2.5	3.2	4.0	5.0	6.3	6.8	
Power Input	Cooling / Heating	Nom ¹⁾ W	13	13	14	17	24	25	28	
	Cooling / Heating	Rated ²⁾ W	30	30	30	30	30	30	30	
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	
Airflow Rate	Cooling	H / M / L	m ³ /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
	Heating	H / M / L	m ³ /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
Sound Pressure		H / M / L	dBA	29 / 27 / 26	29 / 27 / 26	30 / 29 / 27	32 / 30 / 27	36 / 34 / 32	37 / 35 / 34	40 / 38 / 34
Sound Power		H / M / L	dBA	46 / 44 / 43	46 / 44 / 43	47 / 46 / 44	48 / 47 / 44	51 / 49 / 47	52 / 50 / 49	55 / 53 / 49
Dimensions	Body	W x H x D	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
Net Weight			kg	12.6	12.6	13.7	13.7	15.0	15.0	15.0
Piping Connection	Liquid		mm	6.35	6.35	6.35	6.35	6.35	6.35	9.52
	Gas		mm	12.7	12.7	12.7	12.7	12.7	12.7	15.88
	Drain	I.D	mm	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Decoration Panel 1	Model			PT-UQC	PT-UQC	PT-UQC	PT-UQC	PT-UQC	PT-UQC	PT-UQC
	Color (RAL Code)			Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
	Dimensions	W x H x D	mm	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700
	Weight		kg	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Decoration Panel 2	Model			PT-QCHW0	PT-QCHW0	PT-QCHW0	PT-QCHW0	PT-QCHW0	PT-QCHW0	PT-QCHW0
	Color (RAL Code)			Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
	Dimensions	W x H x D	mm	620 x 35 x 620	620 x 35 x 620	620 x 35 x 620	620 x 35 x 620	620 x 35 x 620	620 x 35 x 620	620 x 35 x 620
	Weight		kg	3.1	3.1	3.1	3.1	3.1	3.1	3.1

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) Rated : Max power input allowed for fan motor







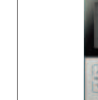

Note : 1. Capacities are based on the following conditions

- 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	ARNU05GTR*4	ARNU07GTR*4	ARNU09GTR*4	ARNU12GTR*4	ARNU15GTQ*4	ARNU18GTQ*4	ARNU21GTQ*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			
Front Panel	PT-QCHW0 / PT-UQC						
Ventilation Kit	PTVK430						
EEV Kit for MULTI V Indoor	PRGK024A0						-

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

INDOOR UNIT SPECIFICATION

4 Way CASSETTE (840 × 840)

ARNU24GTP*4 / ARNU28GTP*4 / ARNU30GTP*4 / ARNU36GTM*4
ARNU42GTM*4 / ARNU48GTM*4 / ARNU54GTM*4



A : Basic / C : Plasma

Model	Independent Unit			ARNU24GTP*4	ARNU28GTP*4	ARNU30GTP*4	ARNU36GTM*4	ARNU42GTM*4	ARNU48GTM*4	ARNU54GTM*4
Capacity	Cooling	Nom	kW	7.1	8.2	9.0	10.6	12.3	14.1	15.8
	Heating	Nom	kW	8.0	9.2	10.0	11.9	13.8	15.9	18.0
Power Input	Cooling / Heating	Nom ¹⁾	W	31	40	40	70	104	120	135
	Cooling / Heating	Rated ²⁾	W	40	40	40	144	144	144	144
Power Supply			∅ / 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
Airflow Rate	Cooling	H / M / L	m ³ /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	30.0 / 27.0 / 24.0	31.0 / 29.0 / 27.0	34.0 / 32.0 / 27.0
	Heating	H / M / L	m ³ /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	30.0 / 27.0 / 24.0	31.0 / 29.0 / 27.0	34.0 / 32.0 / 27.0
Sound Pressure		H / M / L	dBA	36 / 34 / 31	39 / 35 / 33	40 / 36 / 33	43 / 40 / 37	44 / 41 / 38	46 / 43 / 41	50 / 48 / 44
Sound Power		H / M / L	dBA	55 / 53 / 50	56 / 54 / 52	57 / 54 / 52	62 / 59 / 56	63 / 59 / 56	65 / 61 / 59	69 / 67 / 63
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Net Weight			kg	20.8	20.8	20.8	23.5	25.6	25.6	26.5
Piping Connection	Liquid		mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52
	Gas		mm	15.88	15.88	15.88	15.88	15.88	15.88	15.88
	Drain	I.D	mm	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color (RAL Code)			Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
	Dimensions	W x H x D	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.6	5.6	5.6	5.6	5.6	5.6	5.6

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) Rated : Max power input allowed for fan motor








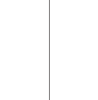
Note : 1. Capacities are based on the following conditions

- 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	ARNU24GTP*4	ARNU28GTP*4	ARNU30GTP*4	ARNU36GTM*4	ARNU42GTM*4	ARNU48GTM*4	ARNU54GTM*4
Simple (1 Contact Point with Case)				PDRYCB000			
Dry 2 Contact Point				PDRYCB400			
Contact For Thermostat (On-Off / Mode / Fan Speed)				PDRYCB300			
Modbus Communication				PDRYCB500			
Front Panel				PT-UMC1			
Ventilation Kit				PTEGM0			
EEV Kit for MULTI V Indoor				PTVK410 / PTVK420 / PTVK430			

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

INDOOR UNIT SPECIFICATION

2 Way CASSETTE

ARNU09GTSC4 / ARNU12GTSC4 /
ARNU18GTSC4 / ARNU24GTSC4



Model	Independent Unit			ARNU09GTSC4	ARNU12GTSC4	ARNU18GTSC4	ARNU24GTSC4
Capacity	Cooling	Nom	kW	2.8	3.6	5.6	7.1
	Heating	Nom	kW	3.2	4.0	6.3	8.0
Power Input	Cooling / Heating	Nom ¹⁾	W	28	30	34	40
	Cooling / Heating	Rated ²⁾	W	70	70	70	70
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
Airflow Rate	Cooling	H / M / L	m ³ /min	10.8 / 9.8 / 9.1	11.1 / 10.3 / 9.4	11.8 / 10.8 / 9.8	14.5 / 12.4 / 10.3
	Heating	H / M / L	m ³ /min	10.8 / 9.8 / 9.1	11.1 / 10.3 / 9.4	11.8 / 10.8 / 9.8	14.5 / 12.4 / 10.3
Sound Pressure		H / M / L	dB(A)	33 / 31 / 30	34 / 32 / 31	35 / 33 / 31	40 / 37 / 33
Sound Power		H / M / L	dB(A)	42 / 40 / 38	43 / 41 / 39	44 / 43 / 41	49 / 46 / 41
Dimensions	Body	W x H x D	mm	830 x 225 x 600	830 x 225 x 600	830 x 225 x 600	830 x 225 x 600
Net Weight			kg	18.1	18.1	18.1	18.1
Piping Connection	Liquid		mm	6.35	6.35	6.35	9.52
	Gas		mm	12.7	12.7	12.7	15.88
	Drain	I.D	mm	25.0	25.0	25.0	25.0
Decoration Panel	Model			PT-USC	PT-USC	PT-USC	PT-USC
	Color			Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
	Dimensions	W x H x D	mm	1,100 x 33 x 690	1,100 x 33 x 690	1,100 x 33 x 690	1,100 x 33 x 690
	Weight		kg	4.65	4.65	4.65	4.65

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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	ARNU09GTSC4	ARNU12GTSC4	ARNU18GTSC4	ARNU24GTSC4
Dry Contact	Simple (1 Contact Point with Case)		PDRYCB000	
	2 Contact Point		PDRYCB400	
	For Thermostat (On-Off / Mode / Fan Speed)		PDRYCB300	
	Modbus Communication		PDRYCB500	
Front Panel			PT-USC	
EEV Kit for MULTI V Indoor	PRGK024A0			-

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

INDOOR UNIT SPECIFICATION

1 Way CASSETTEARNU07GTU*4 / ARNU09GTU*4 / ARNU12GTU*4
ARNU18GTT*4 / ARNU24GTT*4

A : Basic / C : Plasma

Model	Independent Unit			ARNU07GTU*4	ARNU09GTU*4	ARNU12GTU*4	ARNU18GTT*4	ARNU24GTT*4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6	5.6	7.1
	Heating	Nom	kW	2.5	3.2	4.0	6.3	7.1
Power Input	Cooling / Heating	Nom ¹⁾	W	20	22	24	38	51
	Cooling / Heating	Rated ²⁾	W	40	40	40	70	70
Power Supply			∅ / 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
Airflow Rate	Cooling	H / M / L	m ³ /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
	Heating	H / M / L	m ³ /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
Sound Pressure		H / M / L	dB(A)	32 / 29 / 25	35 / 34 / 32	38 / 35 / 32	40 / 37 / 35	43 / 40 / 36
Sound Power		H / M / L	dB(A)	50 / 47 / 43	53 / 52 / 50	57 / 53 / 50	59 / 56 / 54	62 / 59 / 55
Dimensions	Body	W x H x D	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
Net Weight			kg	13.6	13.6	13.6	15.6	15.6
Piping Connection	Liquid		mm	6.35	6.35	6.35	6.35	9.52
	Gas		mm	12.7	12.7	12.7	12.7	15.88
	Drain	I.D	mm	25.0	25.0	25.0	25.0	25.0
Decoration Panel	Model			PT-UUC (Grill) / PT-UUD (Panel)	PT-UUC (Grill) / PT-UUD (Panel)	PT-UUC (Grill) / PT-UUD (Panel)	PT-UTC (Grill) / PT-UTD (Panel)	PT-UTC (Grill) / PT-UTD (Panel)
	Color (RAL Code)			Noble White (RAL 110-1)	Noble White (RAL 110-1)	Noble White (RAL 110-1)	Noble White (RAL 110-1)	Noble White (RAL 110-1)
	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	1,420 x 34 x 500	1,420 x 34 x 500
	Weight		kg	4.6	4.6	4.6	5.5	5.5

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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	ARNU07GTU*4	ARNU09GTU*4	ARNU12GTU*4	ARNU18GTT*4	ARNU24GTT*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	
Front Panel	PT-UUC (Grill) / PT-UUD (Panel)			PT-UTC (Grill) / PT-UTD (Panel)	
EEV Kit for MULTI V Indoor	PRGK024A0				

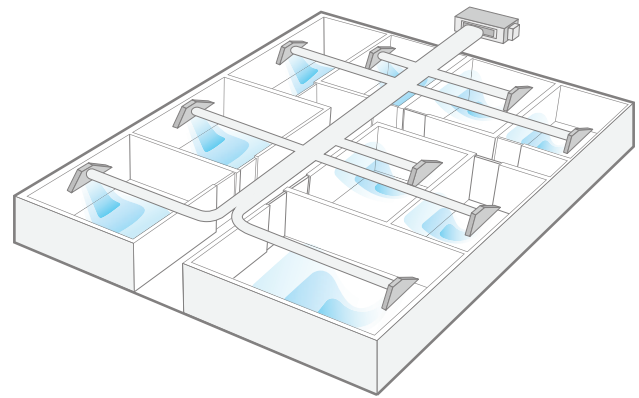
Wired Remote Controller							Wireless Remote Controller
Premium	Standard III		Standard II		Simple	Simple for Hotel	
							
PREMTA000 PREMTA000A PREMTA000B	PREMTB100 (White)	PREMTBB10 (Black)	PREMTB001 (White)	PREMTBB01 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCHCA0Q (Black) PQRCHCA0QW (White)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

INDOOR UNIT KEY FEATURES

CEILING CONCEALED DUCT

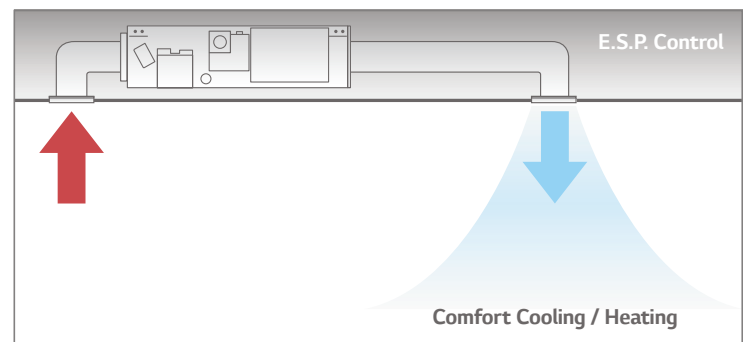
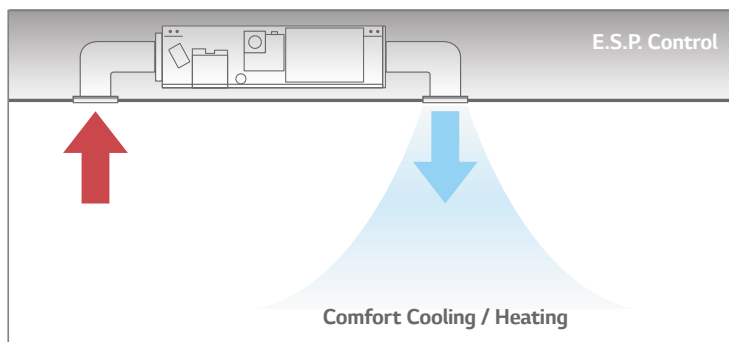
Operation for Multiple Rooms

Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously.



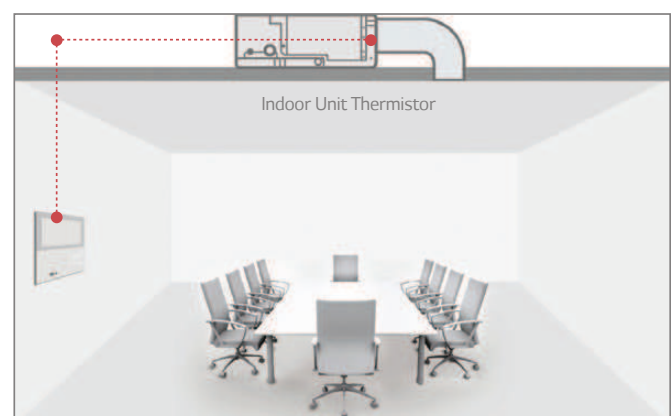
E.S.P. (External Static Pressure) Control

E.S.P. control function can make air volume controlled easily with remote controller. 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.



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.

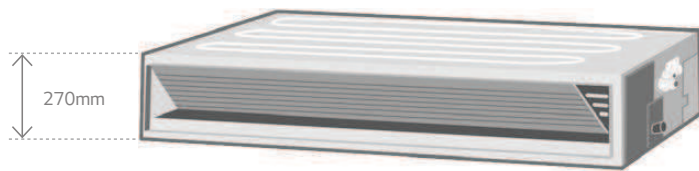


Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users.

Remote Controller Thermistor

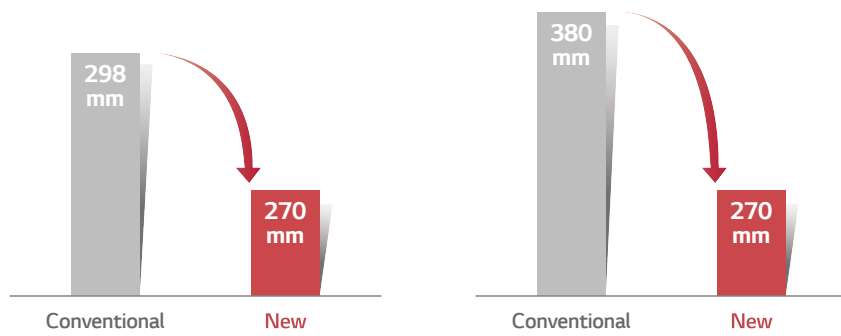
Minimized Height

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



8 / 10kW

12.5kW

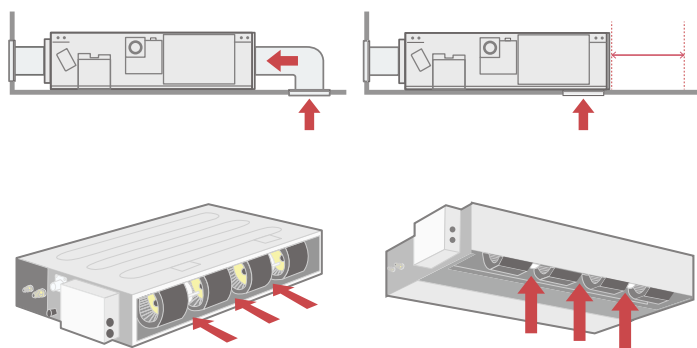


Flexible Installation (Low Static Duct Only)

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

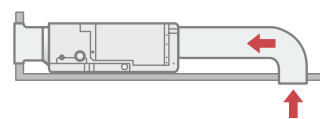
New Low Static Duct

Air intake at the rear or bottom



Conventional

Air intake at the only rear



INDOOR UNIT SPECIFICATION

MID / HIGH STACTICS

ARNU07GM1A4 / ARNU09GM1A4 / ARNU12GM1A4
ARNU15GM1A4 / ARNU18GM1A4 / ARNU24GM1A4



Model	Independent Unit			ARNU07GM1A4	ARNU09GM1A4	ARNU12GM1A4	ARNU15GM1A4	ARNU18GM1A4	ARNU24GM1A4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	Nom	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input	Cooling / Heating	Nom ¹⁾	W	39	40	46	67	85	91
	Cooling / Heating	Rated ²⁾	W	190	190	190	190	190	190
Power Supply			∅ / 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
Airflow Rate	Cooling	H / M / L	m ³ /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
	Heating	H / M / L	m ³ /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		Min - Max	mmAq(Pa)	2(20) - 15(147)	2(20) - 15(147)	2(20) - 15(147)	2(20) - 15(147)	2(20) - 15(147)	2(20) - 15(147)
Sound Pressure		H / M / L	dBA	26 / 24 / 23	27 / 25 / 23	27 / 25 / 23	30 / 27 / 23	31 / 28 / 25	32 / 29 / 26
Sound Power		H / M / L	dBA	55 / 54 / 51	55 / 54 / 52	55 / 54 / 52	56 / 54 / 53	58 / 56 / 54	59 / 58 / 56
Dimensions	Body	W x H x D	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
Net Weight			kg	25.5	25.5	25.5	25.5	25.5	26.5
Piping Connection	Liquid		mm	6.35	6.35	6.35	6.35	6.35	9.52
	Gas		mm	12.7	12.7	12.7	12.7	12.7	15.88
	Drain	ID	mm	25.0	25.0	25.0	25.0	25.0	25.0

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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







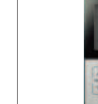

2. Due to our policy of innovation some specifications may be changed without notification

3. I.D : ' Internal Diameter '

4. The Sound Pressure test condition is based on 50 Pa for middle static duct.

Accessories

Model	ARNU07GM1A4	ARNU09GM1A4	ARNU12GM1A4	ARNU15GM1A4	ARNU18GM1A4	ARNU24GM1A4
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				PRGK024A0		-
IR Receiver				PWLVRN000		

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



ARNU28GM2A4 / ARNU36GM2A4 / ARNU42GM2A4
ARNU48GM3A4 / ARNU54GM3A4 / ARNU60GM3A4

Model	Independent Unit			ARNU28GM2A4	ARNU36GM2A4	ARNU42GM2A4	ARNU48GM3A4	ARNU54GM3A4	ARNU60GM3A4
Capacity	Cooling	Nom	kW	8.2	10.6	12.3	14.1	15.8	17.5
	Heating	Nom	kW	9.2	11.9	13.8	15.9	18.0	19.7
Power Input	Cooling / Heating	Nom ¹⁾	W	123	184	231	172	260	310
	Cooling / Heating	Rated ²⁾	W	350	350	350	400	400	400
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
Airflow Rate	Cooling	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	51.0 / 46.0 / 41.0
	Heating	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	51.0 / 46.0 / 41.0
External Static Pressure	Min - Max		mmAq(Pa)	4(39) - 15(147)	4(39) - 15(147)	4(39) - 15(147)	4(39) - 15(147)	4(39) - 15(147)	4(39)-10(98)
Sound Pressure	H / M / L		dBA	36 / 34 / 33	37 / 36 / 34	38 / 37 / 36	39 / 37 / 35	42 / 40 / 39	42 / 41 / 40
Sound Power	H / M / L		dBA	59 / 57 / 55	60 / 59 / 57	62 / 61 / 60	65 / 61 / 59	66 / 64 / 63	67 / 66 / 65
Dimensions	Body	W x H x D		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
Net Weight			kg	38.0	38.0	39.5	44.0	44.0	44.0
Piping Connection	Liquid			mm	9.52	9.52	9.52	9.52	9.52
	Gas			mm	15.88	15.88	15.88	15.88	19.05
	Drain	I.D	mm	25.0	25.0	25.0	25.0	25.0	25.0

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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. B8 : The Sound Pressure test condition is based on 220 Pa (High Static Pressure) as standard.

5. The Sound Pressure test condition is based on 50 Pa for middle static duct.

Accessories

Model	ARNU28GM2A4	ARNU36GM2A4	ARNU42GM2A4	ARNU48GM3A4	ARNU54GM3A4	ARNU60GM3A4
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

INDOOR UNIT SPECIFICATION

LOW STACTICS

ARNU05GL1G4 / ARNU07GL1G4 / ARNU09GL1G4



Model	Independent Unit		ARNU05GL1G4	ARNU07GL1G4	ARNU09GL1G4
Capacity	Cooling	Nom kW	1.7	2.2	2.8
	Heating	Nom kW	1.9	2.5	3.2
Power Input	Cooling / Heating	Nom ¹⁾ W	29	31	39
	Cooling / Heating	Rated ²⁾ W	40	40	40
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
Airflow Rate	Cooling	H / M / L m ³ /min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5
	Heating	H / M / L m ³ /min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5
External Static Pressure		Min - Max mmAq(Pa)	0(0) - 5(49)	0(0) - 5(49)	0(0) - 5(49)
Sound Pressure		H / M / L dBA	25 / 24 / 22	26 / 24 / 22	28 / 25 / 22
Sound Power		H / M / L dBA	47 / 46 / 44	48 / 46 / 44	49 / 47 / 44
Dimensions	Body	W x H x D mm	700 x 190 x 700	700 x 190 x 700	700 x 190 x 700
Net Weight		kg	17.5	17.5	17.5
Piping Connection	Liquid	mm	6.35	6.35	6.35
	Gas	mm	12.7	12.7	12.7
	Drain	I.D mm	25.4	25.4	25.4

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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








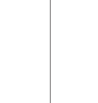
2. Due to our policy of innovation some specifications may be changed without notification

3. I.D : ' Internal Diameter '

4. L1 : The Sound Pressure test condition is based on 20 Pa (Static Pressue) as standard.

Accessories

Model	ARNU05GL1G4	ARNU07GL1G4	ARNU09GL1G4
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		PRGK024A0	
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

ARNU12GL2G4 / ARNU15GL2G4 / ARNU18GL2G4
ARNU21GL3G4 / ARNU24GL3G4



Model	Independent Unit			ARNU12GL2G4	ARNU15GL2G4	ARNU18GL2G4	ARNU21GL3G4	ARNU24GL3G4
Capacity	Cooling	Nom	kW	3.6	4.5	5.6	6.2	7.1
	Heating	Nom	kW	4.0	5.0	6.3	7.0	8.0
Power Input	Cooling / Heating	Nom ¹⁾	W	41	56	71	72	103
	Cooling / Heating	Rated ²⁾	W	85	85	85	115	115
Power Supply			∅ / 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
Airflow Rate	Cooling	H / M / L	m ³ /min	10.0 / 8.5 / 7.0	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0	17.5 / 14.0 / 12.0	20.0 / 16.0 / 12.0
	Heating	H / M / L	m ³ /min	10.0 / 8.5 / 7.0	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0	17.5 / 14.0 / 12.0	20.0 / 16.0 / 12.0
External Static Pressure		Min - Max	mmAq(Pa)	0(0) - 5(49)	0(0) - 5(49)	0(0) - 5(49)	0(0) - 5(49)	0(0) - 5(49)
Sound Pressure		H / M / L	dBA	30 / 27 / 25	33 / 30 / 28	35 / 32 / 29	35 / 29 / 28	36 / 33 / 28
Sound Power		H / M / L	dBA	52 / 49 / 46	53 / 52 / 50	54 / 53 / 52	56 / 53 / 51	58 / 54 / 51
Dimensions	Body	W x H x D	mm	900 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700	1,100 x 190 x 700
Net Weight			kg	23.0	23.0	23.0	27.0	27.0
Piping Connection	Liquid		mm	6.35	6.35	6.35	9.52	9.52
	Gas		mm	12.7	12.7	12.7	15.88	15.88
	Drain	I.D	mm	25.4	25.4	25.4	25.4	25.4

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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

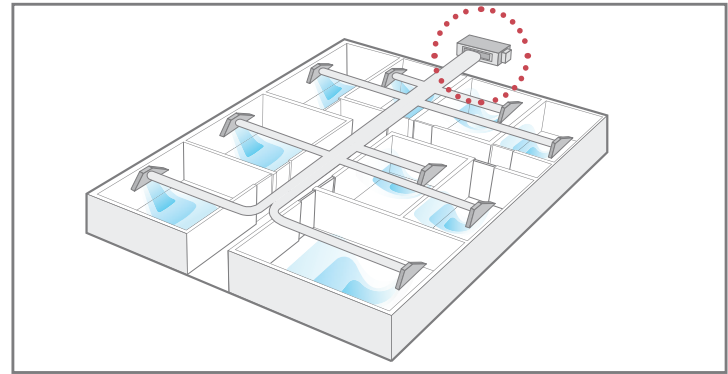
Model	ARNU12GL2G4	ARNU15GL2G4	ARNU18GL2G4	ARNU21GL3G4	ARNU24GL3G4
Dry Contact	Simple (1 Contact Point with Case)			PDRYCB000	
	2 Contact Point			PDRYCB400	
	For Thermostat (On-Off / Mode / Fan Speed)			PDRYCB300	
	Modbus Communication			PDRYCB500	
EEV Kit for MULTI V Indoor		PRGK024A0			-
IR Receiver				PWLRVN000	

Wired Remote Controller							Wireless Remote Controller
Premium	Standard III		Standard II		Simple	Simple for Hotel	
							
PREMTA000 PREMTA000A PREMTA000B	PREMTB100 (White)	PREMTB10 (Black)	PREMTB001 (White)	PREMTB01 (Black)	PQRCVLOQ (Black) PQRCVLOQW (White)	PQRCHCA0Q (Black) PQRCHCA0QW (White)	PQWRHQ0FDB

CEILING CONCEALED DUCTS

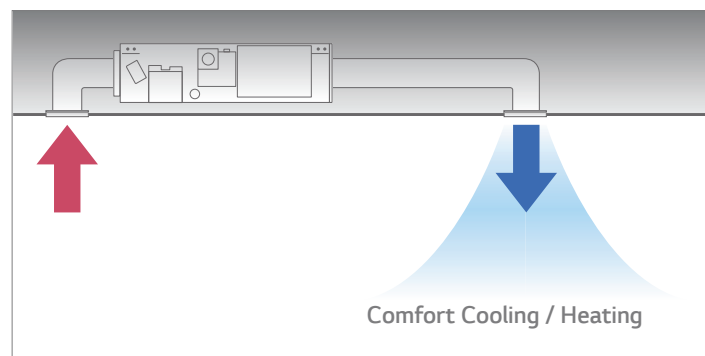
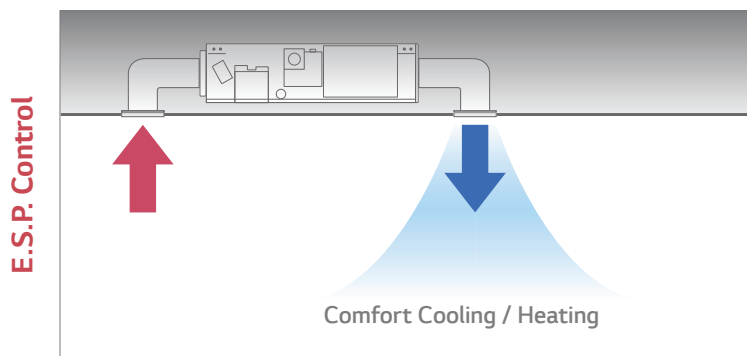
Operation for Multiple Rooms

Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously.



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

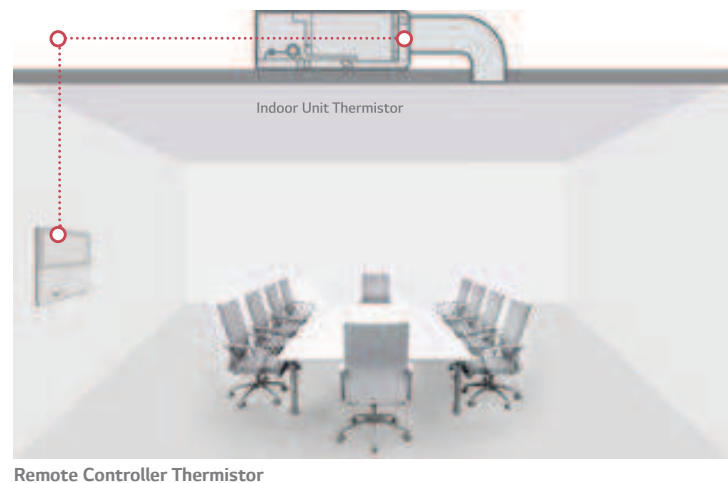
E.S.P. control function can make air volume controlled easily with remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure. No additional accessories are necessary to control air flow.



Two Thermistors Control

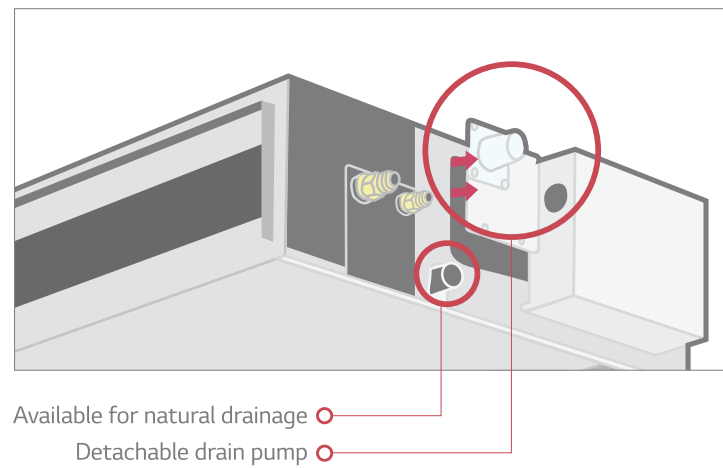
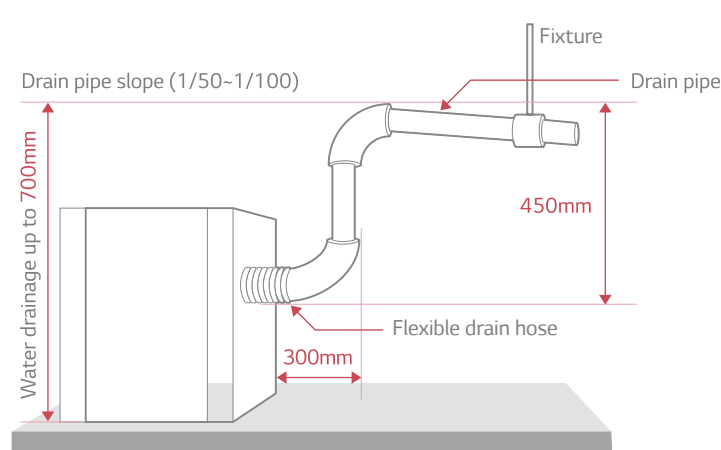
The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Two thermistors can optimise indoor air temperature for a more comfortable environment.

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



High Head Drain Pump

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



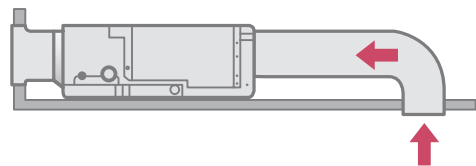
INDOOR
UNITS

Flexible Installation (Low static duct only)

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

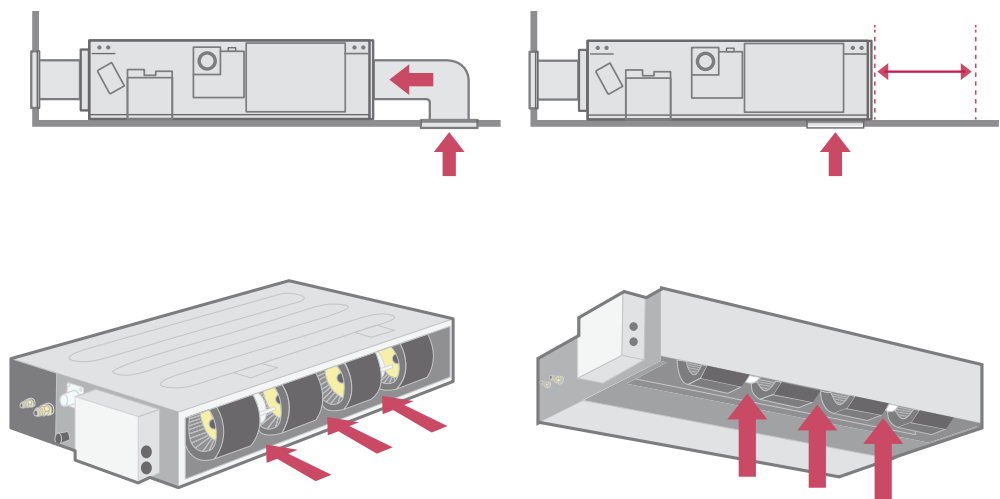
Conventional

Air intake at the only rear



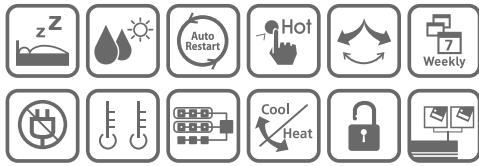
New Low Static Duct

Air intake at the rear or bottom



High Static Duct

ARNU07GBHA4 ARNU09GBHA4 ARNU12GBHA4
ARNU15GBHA4 ARNU18GBHA4 ARNU24GBHA4



Model				ARNU07GBHA4	ARNU09GBHA4	ARNU12GBHA4	ARNU15GBHA4	ARNU18GBHA4	ARNU24GBHA4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	Nom	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input	Cooling	Nom	W	150	150	150	150	150	150
	Heating	Nom	W	150	150	150	150	150	150
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
Airflow Rate (High mode)	Cooling	H/M/L	m ³ /min	8.5 / 7.5 / 6.0	10.0 / 8.5 / 7.5	12.0 / 10.0 / 8.5	13.5 / 12.0 / 8.5	15.5 / 13.5 / 12.4	18.3 / 16.9 / 15.5
	Heating	H/M/L	m ³ /min	8.5 / 7.5 / 6.0	10.0 / 8.5 / 7.5	12.0 / 10.0 / 8.5	13.5 / 12.0 / 8.5	15.5 / 13.5 / 12.4	18.3 / 16.9 / 15.5
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	8(78)	8(78)	8(78)	8(78)	8(78)	8(78)
Sound Pressure			H/M/L dBA	26 / 25 / 23	26 / 25 / 23	27 / 26 / 23	28 / 27 / 25	30 / 29 / 26	33 / 31 / 28
Dimensions	Body	WxHxD	mm	882 x 260 x 450	882 x 260 x 450	882 x 260 x 450	882 x 260 x 450	882 x 260 x 450	882 x 260 x 450
Net Weight			kg(lbs)	26(57.4)	26(57.4)	26(57.4)	26(57.4)	26.5(58.4)	26.5(58.4)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)
Fan motor output x Number			W	154 x 1	154 x 1	154 x 1	154 x 1	154 x 1	154 x 1

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. BH : The Sound Pressure test condition is based on 50 Pa (Static Pressue) as standard.

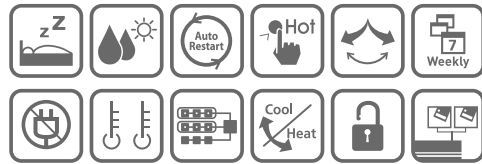
Accessories

Model	ARNU07GBHA4	ARNU09GBHA4	ARNU12GBHA4	ARNU15GBHA4	ARNU18GBHA4	ARNU24GBHA4
Dry Contact	Simple (1 Contact Point with Case)		PDRYCB000			
	2 Contact Point		PDRYCB400			
	For Thermostat (On-Off / Mode / Fan Speed)		PDRYCB300			
	Modbus Communication		PDRYCB500			

Wired Remote Controller					Wireless Remote Controller
Premium	Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTBB01 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCHCA0Q (Black) PQRCHCA0QW (White)	PQWRHQ0FB

High Static Duct

ARNU28GBHA4 ARNU36GBGA4 ARNU42GBGA4 ARNU48GBGA4
ARNU54GBRA4 ARNU60GB7A4 ARNU76GB8A4 ARNU96GB8A4



Model				ARNU28GBHA4	ARNU36GBGA4	ARNU42GBGA4	ARNU48GBGA4	ARNU54GBRA4	ARNU60GB7A4	ARNU76GB8A4	ARNU96GB8A4
Capacity	Cooling	Nom	kW	8.2	10.6	12.3	14.1	15.8	17.5	22.4	28.0
	Heating	Nom	kW	9.2	11.9	13.8	15.9	18.0	19.7	25.2	31.5
Power Input	Cooling	Nom	W	150	450	450	450	450	400	800	800
	Heating	Nom	W	150	450	450	450	450	400	800	800
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 / 220-240 / 50
Airflow Rate (High mode)	Cooling	H/M/L	m ³ /min	19.8 / 17.6 / 15.7	32.3 / 29.0 / 25.3	34.5 / 32.3 / 30.7	34.6 / 31.8 / 27.9	51.0 / 44.8 / 40.6	51.6 / 48.5 / 44.3	60.0 / 50.0 / 50.0	72.0 / 64.0 / 64.0
	Heating	H/M/L	m ³ /min	19.8 / 17.6 / 15.7	32.3 / 29.0 / 25.3	34.5 / 32.3 / 30.7	34.6 / 31.8 / 27.9	51.0 / 44.8 / 40.6	51.6 / 48.5 / 44.3	60.0 / 50.0 / 50.0	72.0 / 64.0 / 64.0
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	8(78)	10(98)	10(98)	10(98)	14(137)	14(137)	22(216)	22(216)
Sound Pressure		H/M/L	dBA	39 / 38 / 36	33 / 31 / 28	36 / 33 / 30	41 / 38 / 37	39 / 37 / 35	41 / 39 / 37	45 / 41 / 40	47 / 42 / 41
Dimensions	Body	WxHxD	mm	882 x 260 x 450	1,182 x 298 x 450	1,182 x 298 x 450	1,182 x 298 x 450	1,230 x 380 x 590	1,320 x 400 x 534	1,562 x 460 x 688	1,562 x 460 x 688
Net Weight			kg(lbs)	27.0(59.5)	38(83.8)	38(83.8)	38(83.8)	53(117)	55(121)	87(192)	87(192)
Piping Connection	Liquid		mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas		mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)	22.2(7/8)
	Drain	I.D.	mm(inch)	25(1)	25(31/32)	25(31/32)	25(1)	25(31/32)	25(1)	25(31/32)	25(31/32)
Fan motor output x Number			W	154 x 1	350 x 1	350 x 1	350 x 1	185 x 2	195 x 2	375 x 2	375 x 2

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. BG, BR : The Sound Pressure test condition is based on 50 Pa (Static Pressure) as standard.
4. B8 : The Sound Pressure test condition is based on 220 Pa (High Static Pressure) as standard.

INDOOR
UNITS

Accessories

Model	ARNU28GBHA4	ARNU36GBGA4	ARNU42GBGA4	ARNU48GBGA4	ARNU54GBRA4	ARNU60GB7A4	ARNU76GB8A4	ARNU96GB8A4
Dry Contact	Simple (1 Contact Point with Case)							PDRYCB000
	2 Contact Point							PDRYCB400
	For Thermostat (On-Off / Mode / Fan Speed)							PDRYCB300
	Modbus Communication							PDRYCB500

Wired Remote Controller					Wireless Remote Controller
Premium	Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTB001 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCHCA0Q (Black) PQRCHCA0QW (White)	PQWRHQFDB

INDOOR UNIT SPECIFICATION

BUILT-IN

ARNU07GB3G4 / ARNU09GB3G4 / ARNU12GB3G4



Model	Independent Unit			ARNU07GB3G4	ARNU09GB3G4	ARNU12GB3G4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6
	Heating	Nom	kW	2.5	3.2	4.0
Power Input	Cooling / Heating	Nom ¹⁾	W	30	38	41
	Cooling / Heating	Rated ²⁾	W	85	85	85
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
Airflow Rate	Cooling	H / M / L	m ³ /min	8.0 / 6.5 / 5.5	9.0 / 7.0 / 6.0	10.0 / 8.0 / 6.5
	Heating	H / M / L	m ³ /min	8.0 / 6.5 / 5.5	9.0 / 7.0 / 6.0	10.0 / 8.0 / 6.5
External Static Pressure		Min - Max	mmAq(Pa)	0(0) - 4(39)	0(0) - 4(39)	0(0) - 4(39)
Sound Pressure		H / M / L	dBA	33 / 32 / 29	34 / 33 / 32	35 / 34 / 33
Sound Power		H / M / L	dBA	53 / 52 / 49	54 / 52 / 51	55 / 53 / 52
Dimensions	Body	W x H x D	mm	820 x 190 x 575	820 x 190 x 575	820 x 190 x 575
Net Weight			kg	21.0	21.0	21.0
Piping Connection	Liquid		mm	6.35	6.35	6.35
	Gas		mm	12.7	12.7	12.7
	Drain	I.D	mm	25.4	25.4	25.4

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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	ARNU07GB3G4	ARNU09GB3G4	ARNU12GB3G4
Dry Contact	Simple (1 Contact Point with Case)		PDRYCB000
	2 Contact Point		PDRYCB400
	For Thermostat (On-Off / Mode / Fan Speed)		PDRYCB300
	Modbus Communication		PDRYCB500
Suction Grille			PBSGB30
Suction Canvas			PBSC30
EEV Kit for MULTI V Indoor			PRGK024A0
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

ARNU15GB3G4 / ARNU18GB4G4 / ARNU24GB4G4



Model	Independent Unit			ARNU15GB3G4	ARNU18GB4G4	ARNU24GB4G4
Capacity	Cooling	Nom	kW	4.5	5.6	7.1
	Heating	Nom	kW	5.0	6.3	8.0
Power Input	Cooling / Heating	Nom ¹⁾	W	53	60	83
	Cooling / Heating	Rated ²⁾	W	85	115	115
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
Airflow Rate	Cooling	H / M / L	m ³ /min	11.0 / 10.0 / 8.0	14.0 / 12.0 / 10.0	17.0 / 15.0 / 10.0
	Heating	H / M / L	m ³ /min	11.0 / 10.0 / 8.0	14.0 / 12.0 / 10.0	17.0 / 15.0 / 10.0
External Static Pressure		Min - Max	mmAq(Pa)	0(0) - 4(39)	0(0) - 4(39)	0(0) - 4(39)
Sound Pressure		H / M / L	dBA	41 / 40 / 37	43 / 40 / 37	46 / 43 / 37
Sound Power		H / M / L	dBA	60 / 55 / 53	61 / 58 / 55	62 / 61 / 55
Dimensions	Body	W x H x D	mm	820 x 190 x 575	1,100 x 190 x 575	1,100 x 190 x 575
Net Weight			kg	21.0	26.0	26.0
Piping Connection	Liquid		mm	6.35	6.35	9.52
	Gas		mm	12.7	12.7	15.88
	Drain	I.D	mm	25.4	25.4	25.4

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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	ARNU15GB3G4	ARNU18GB4G4	ARNU24GB4G4
Dry Contact	Simple (1 Contact Point with Case)		PDRYCB000
	2 Contact Point		PDRYCB400
	For Thermostat (On-Off / Mode / Fan Speed)		PDRYCB300
	Modbus Communication		PDRYCB500
Suction Grille	PBSGB30		PBSGB40
Suction Canvas	PBSC30		PBSC40
EEV Kit for MULTI V Indoor		PRGK024A0	-
IR Receiver		PWLRVN000	

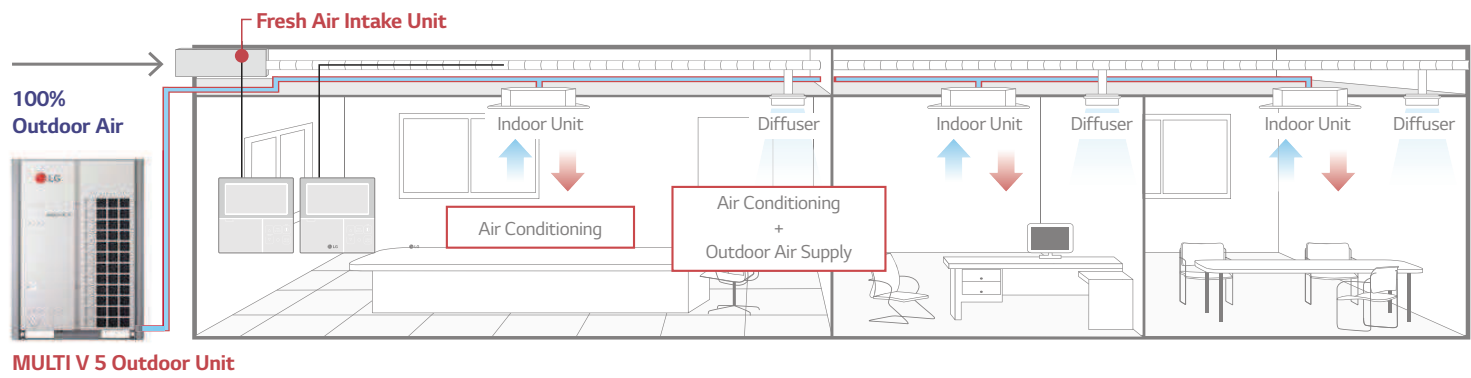
Wired Remote Controller							Wireless Remote Controller
Premium	Standard III		Standard II		Simple	Simple for Hotel	
							
PREMTA000 PREMTA000A PREMTA000B	PREMTB100 (White)	PREMTBB10 (Black)	PREMTB001 (White)	PREMTBB01 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCHCA0Q (Black) PQRCHCA0QW (White)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

INDOOR UNIT KEY FEATURES

FRESH AIR INTAKE UNIT

Fresh Outdoor Air Supply

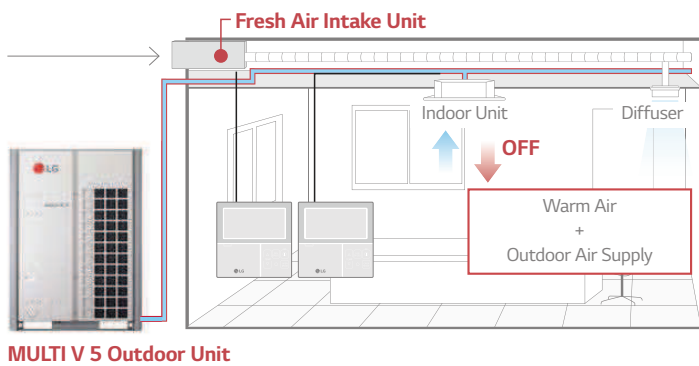
The LG Fresh Air Intake Unit (FAU) is the alternative solution for ventilation, which supplies the fresh outdoor air indoors as well as being able to cool and heat air inside simultaneously. It means the indoor space can have positive air pressure consistently, which can block cold, hot or contaminated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



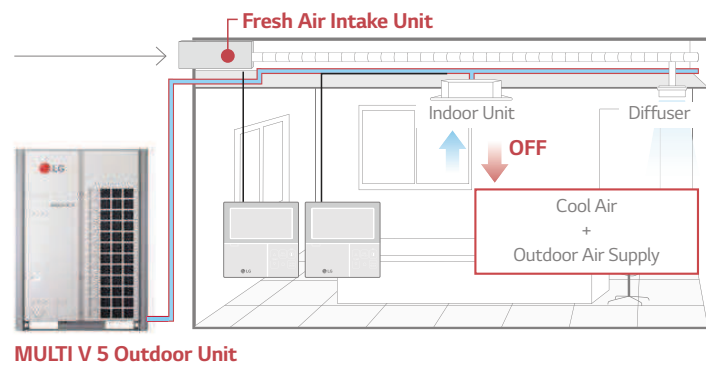
Economic Operation

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

Spring Season



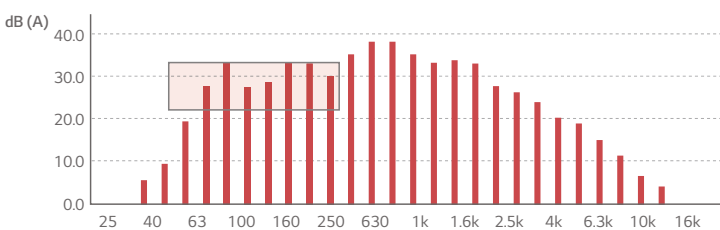
Autumn Season



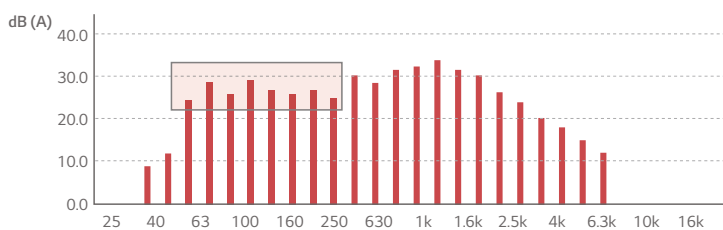
BLDC Fan Motor

It can reduce a noise at low frequencies.

AC Tap Motor



BLDC Motor



INDOOR UNIT SPECIFICATION

FRESH AIR INTAKE UNIT

ARNU48GBRZ4 / ARNU76GB8Z4 / ARNU96GB8Z4



Model	Independent Unit			ARNU48GBRZ4	ARNU76GB8Z4	ARNU96GB8Z4
Capacity	Cooling	Nom	kW	14.1	22.4	28.0
	Heating	Nom	kW	13.5	21.4	26.7
Power Input	Cooling / Heating	Nom ¹⁾	W	169	253	360
	Cooling / Heating	Rated ²⁾	W	169	360	360
Power Supply			∅ / V / Hz	1 / 220-240 / 50 1 / 220 / 60	1 / 220-240 / 50 1 / 220 / 60	1 / 220-240 / 50 1 / 220 / 60
Airflow Rate	Cooling	H / M / L	m ³ /min	18.8 / 14.7 / 14.7	23.7 / 13.2 / 13.2	35.7 / 23.7 / 23.7
	Heating	H / M / L	m ³ /min	18.8 / 14.7 / 14.7	23.7 / 13.2 / 13.2	35.7 / 23.7 / 23.7
Sound Pressure		H / M / L	dBA	41 / 40 / 38	45 / 43 / 43	47 / 45 / 45
Sound Power		H / M / L	dBA	62 / 63 / 62	70 / 67 / 67	72 / 68 / 68
Dimensions	Body	W x H x D	mm	1,230 x 380 x 590	1,562 x 460 x 688	1,562 x 460 x 688
Net Weight			kg	45.0	73.0	73.0
	Liquid		mm	9.52	9.52	9.52
Piping Connection	Gas		mm	15.88	19.05	22.2
	Drain	I.D	mm	25.0	25.0	25.0

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) Rated : Max power input allowed for fan motor

Note : 1. Capacities are based on the following conditions

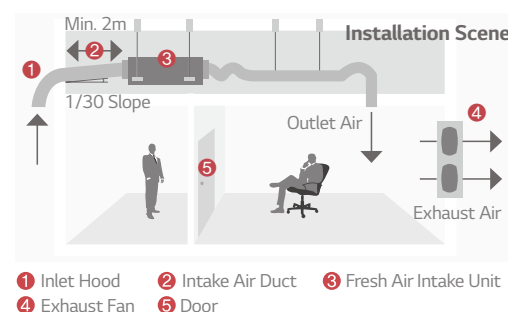
- Cooling : Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero

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 capacity of fresh air intake 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

Model	ARNU48GBRZ4	ARNU76GB8Z4	ARNU96GB8Z4
Dry Contact	Simple (1 Contact Point with Case)		PDRYCB000
	2 Contact Point		PDRYCB400
	For Thermostat (On-Off / Mode / Fan Speed)		PDRYCB300
	Modbus Communication		PDRYCB500
IR Receiver			PWLRVN000

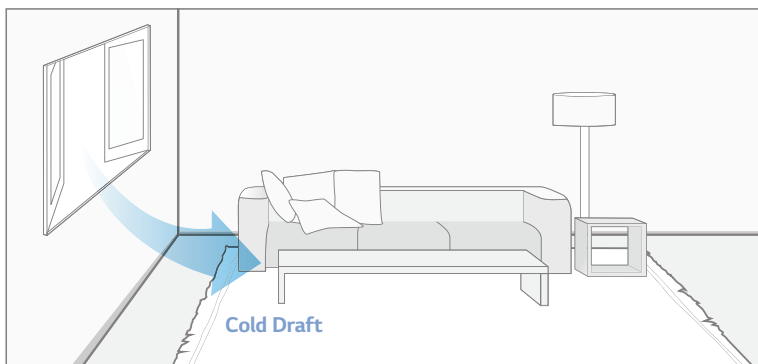
Wired Remote Controller							Wireless Remote Controller
Premium	Standard III		Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB100 (White)	PREMTBB10 (Black)	PREMTB001 (White)	PREMTBB01 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCHCA0Q (Black) PQRCHCA0QW (White)	PQWRHQ0FDB

FLOOR STANDING UNIT

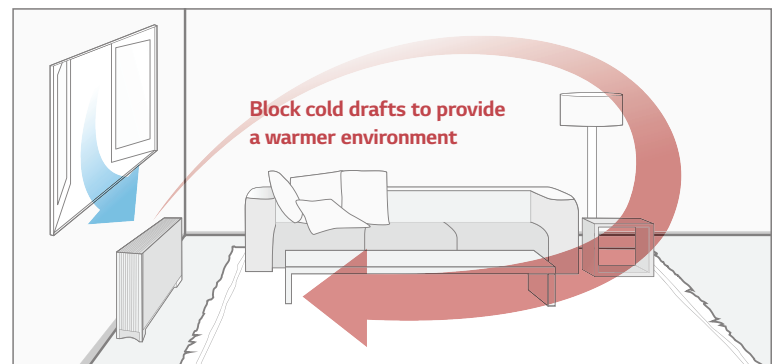
Block Cold Draft

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

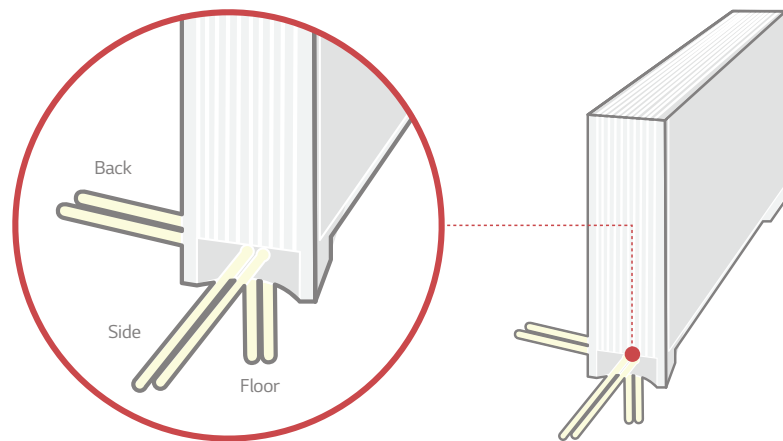


With Floor Standing



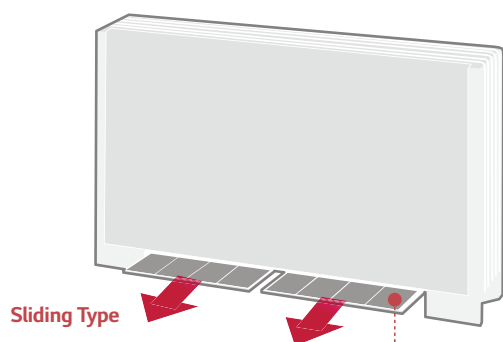
3 Way Flexible Installation

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

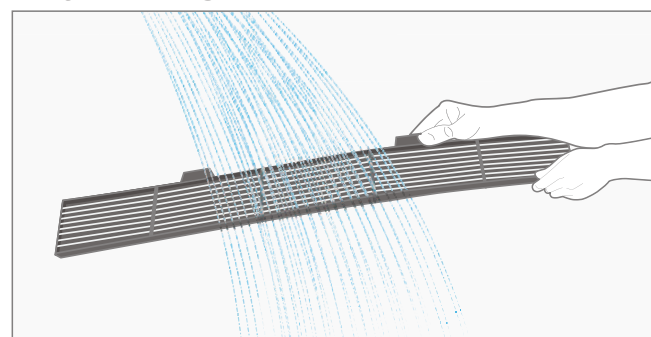


Sliding Type Filter

Easy maintenance and extended product life with sliding type filter.



Easy cleaning



INDOOR UNIT SPECIFICATION

FLOOR STANDING UNIT

ARNU07GCE*4 / ARNU09GCE*4 / ARNU12GCE*4
ARNU15GCE*4 / ARNU18GCF*4 / ARNU24GCF*4



* A : Floor Standing with case

* U : Floor Standing without case

Model	Independent Unit			ARNU07GCE*4	ARNU09GCE*4	ARNU12GCE*4	ARNU15GCE*4	ARNU18GCF*4	ARNU24GCF*4
Capacity	Cooling	Nom	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	Nom	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input	Cooling / Heating	Nom ¹⁾	W	24	30	36	44	54	84
	Cooling / Heating	Rated ²⁾	W	85	85	85	85	115	115
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
Airflow Rate	Cooling	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
	Heating	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
Sound Pressure	H / M / L		dBA	35 / 33 / 31	36 / 34 / 32	37 / 35 / 33	38 / 37 / 35	40 / 37 / 34	43 / 40 / 37
Sound Power	H / M / L		dBA	54 / 52 / 50	55 / 54 / 52	57 / 55 / 54	59 / 57 / 55	60 / 57 / 54	61 / 60 / 57
Dimensions	Body	W x H x D	mm	1,067 x 635 x 203 (A) 978 x 639 x 190 (U)	1,067 x 635 x 203 (A) 978 x 639 x 190 (U)	1,067 x 635 x 203 (A) 978 x 639 x 190 (U)	1,067 x 635 x 203 (A) 978 x 639 x 190 (U)	1,345 x 635 x 203 (A) 1,256 x 639 x 190 (U)	1,345 x 635 x 203 (A) 1,256 x 639 x 190 (U)
Net Weight ³⁾			kg	27.0 (A) / 20.0 (U)	27.0 (A) / 20.0 (U)	27.0 (A) / 20.0 (U)	27.0 (A) / 20.0 (U)	34.0 (A) / 27.0 (U)	34.0 (A) / 27.0 (U)
Piping Connection	Liquid			6.35	6.35	6.35	6.35	6.35	9.52
	Gas			12.7	12.7	12.7	12.7	12.7	15.88
	Drain	I.D	mm	12.0	12.0	12.0	12.0	12.0	12.0

* This product contains Fluorinated Greenhouse Gases. (R410A)

1) Nom. : Performance tested under EN14511

2) 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	ARNU12GCE*4	ARNU15GCE*4	ARNU18GCF*4	ARNU24GCF*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				PRGK024A0		
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

VENTILATION SOLUTION

ERV



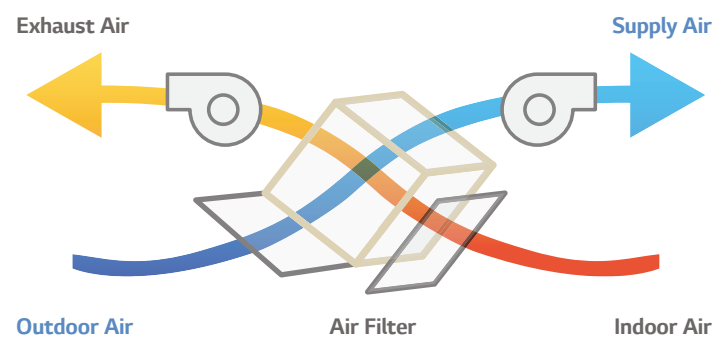


VENTILATION SOLUTION KEY FEATURES

ERV

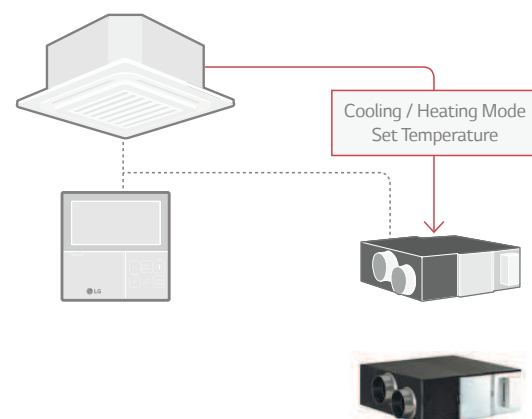
High Efficiency Heat Exchanger

Efficiency and comfort is ensured through the high-efficiency energy recovery central core which recovers energy from the indoor air and transfers it to the fresh incoming air without mixing airstream.



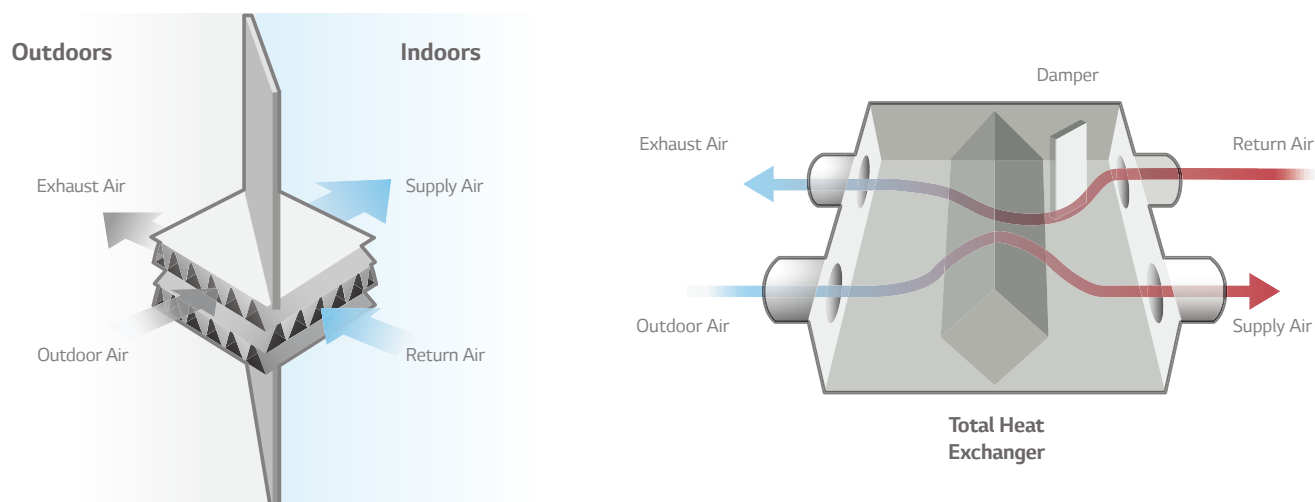
Interlocking with Air Conditioning System

- LG ERV can be interlocked with air conditioners and controlled individually.
- This function can be operated when the system is connected with a remote control.



Compulsory Exhausting System

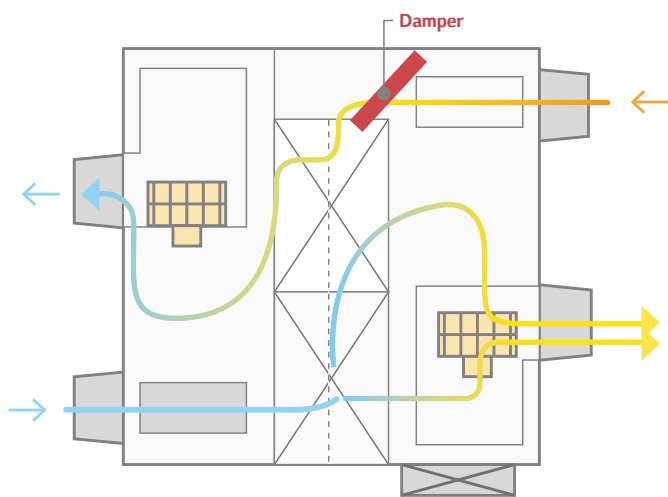
The exhausting system using high static and sirocco fan removes contaminants effectively from indoor air. Supply and exhaust air flows are completely separated in the total heat exchanger, LG ERV can filter out the impurities before supplying outdoor air and make indoor air fresh and healthy.



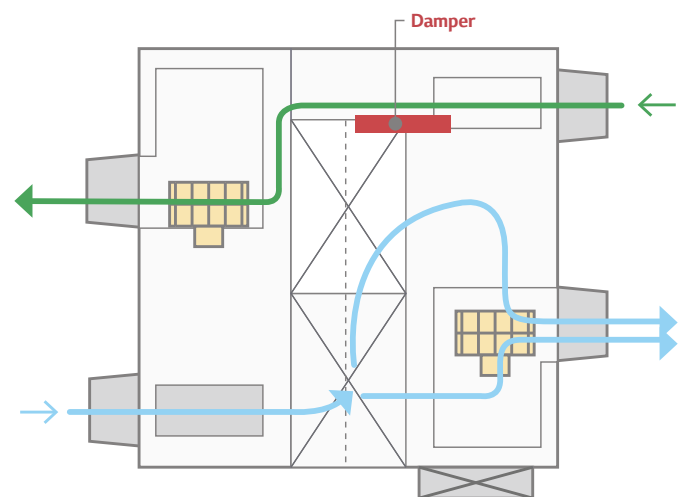
Bypass Ventilation

LG ERV automatically switches the ventilation mode (Enthalpy Heat Exchange Mode / Bypass Mode) according to the indoor / outdoor temperature.

Enthalpy Heat Exchange Mode (Summer / Winter)



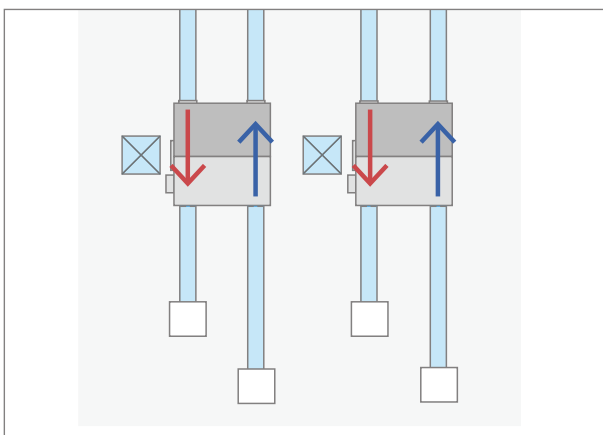
Bypass Mode (Seasonal Change)



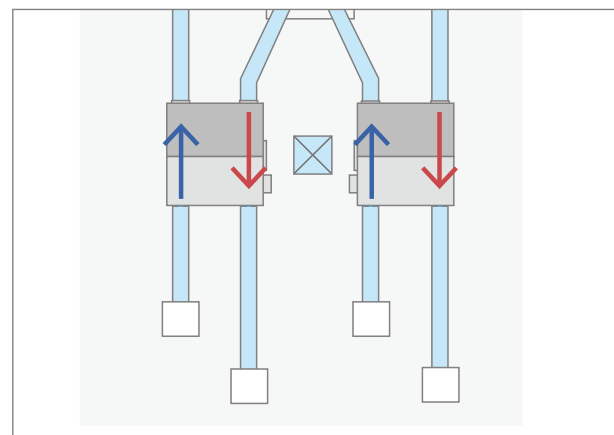
Flexibility of Installation

It's possible to install upside down when you need only one inspection hole.

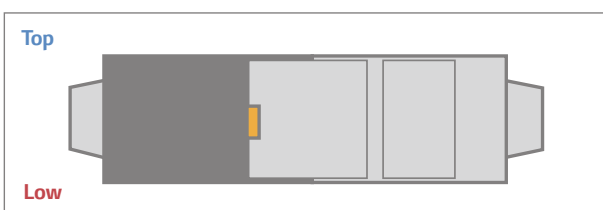
Normal installation of 2 units



Reverse installation of 1 unit (Left unit)



Inspection chamber

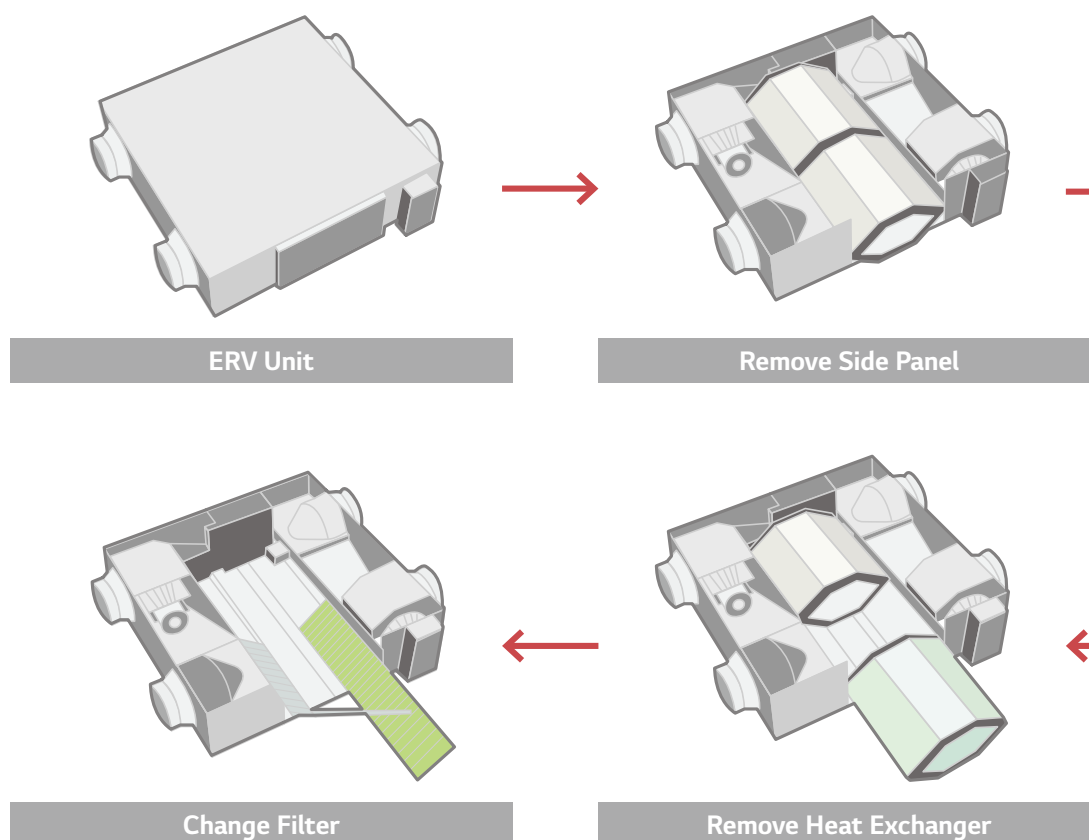


VENTILATION SOLUTION KEY FEATURES

ERV

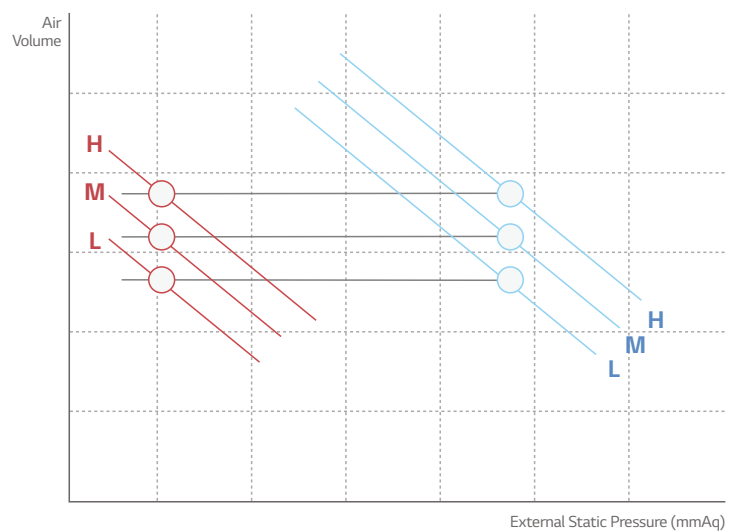
Easy Cleaning and Filter Change

It is easy and convenient to change and clean the filter.



External Static Pressure Control

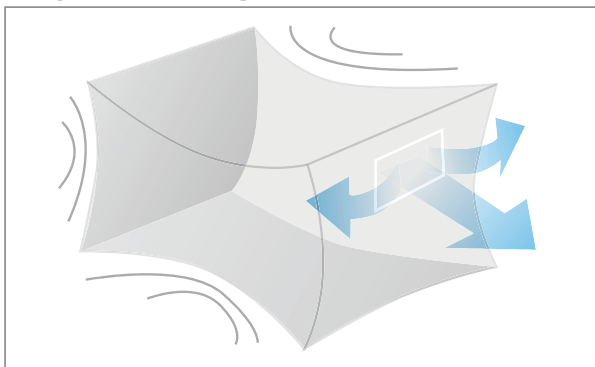
The high static pressure fan can control the air volume depending on the length of the duct. It is also easy to control the pressure level by using the remote controller for a more flexible duct installation and easier testing.



Fast Ventilation Mode

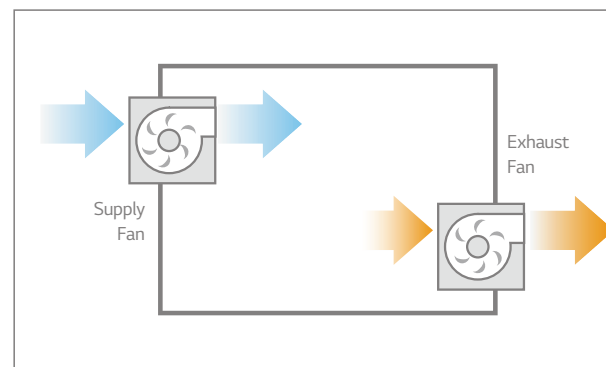
Fast ventilation mode prevents the spread of contaminants under negative indoor pressure, and makes indoor air fresh and comfortable quickly.

Only Exhausting



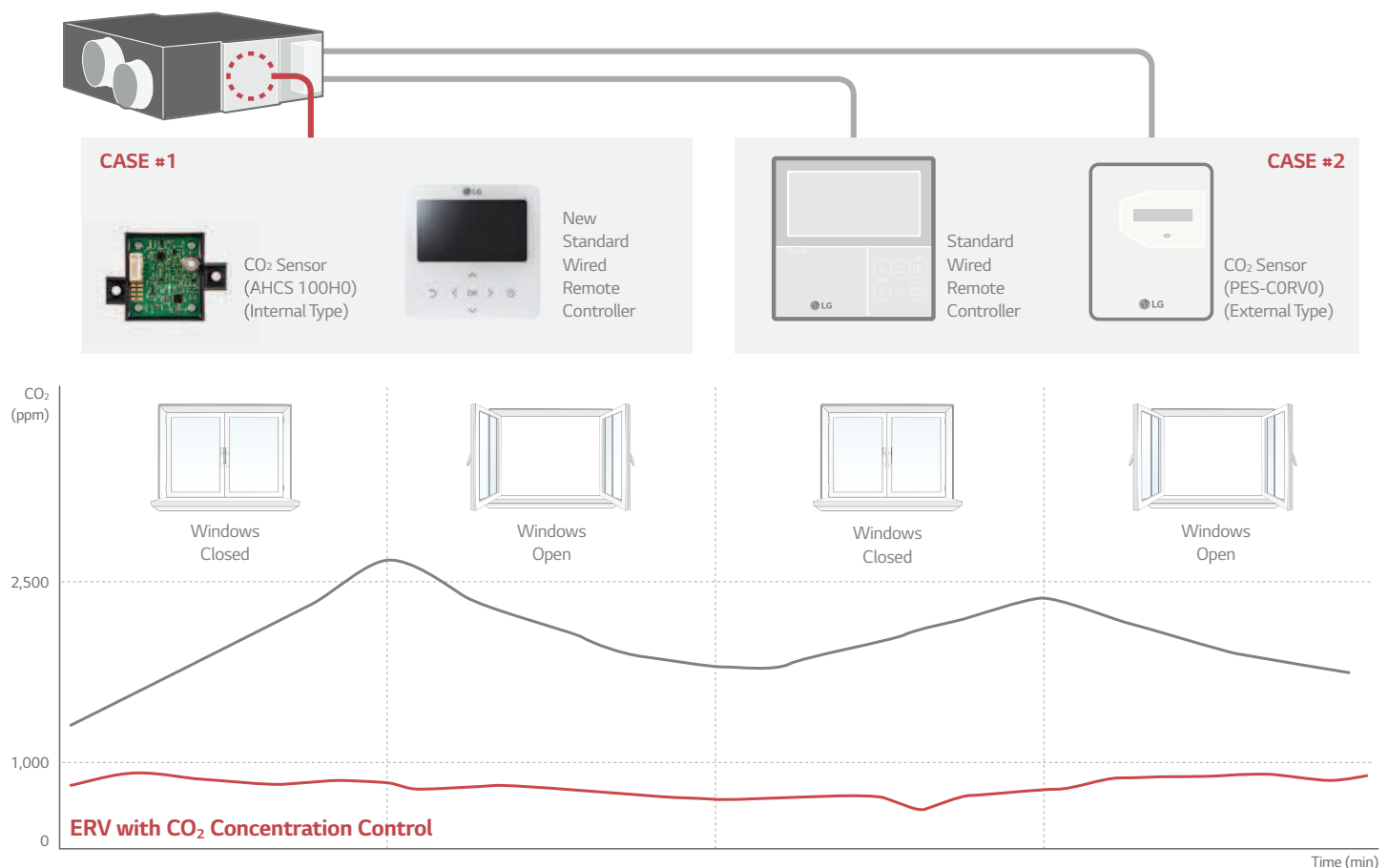
Exhausting operation causes negative indoor air pressure, and cannot fully ventilate.

Fast Ventilation Mode



CO₂ Concentration Control

Using CO₂ sensor, LG ERV controls exhaust air flow automatically to keep indoor air fresh under settled CO₂ concentration.



VENTILATION SOLUTION KEY FEATURES

ERV

New Easy Controller

New wired remote controller is easy for usage.



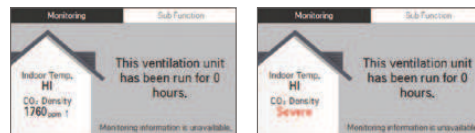
Easy!

- Navigation buttons, easy to use.
- Easy installation setting



Convenient!

- Flexible display
 - Dual display with air conditioner.
 - Zoom selected directory to increase legibility.

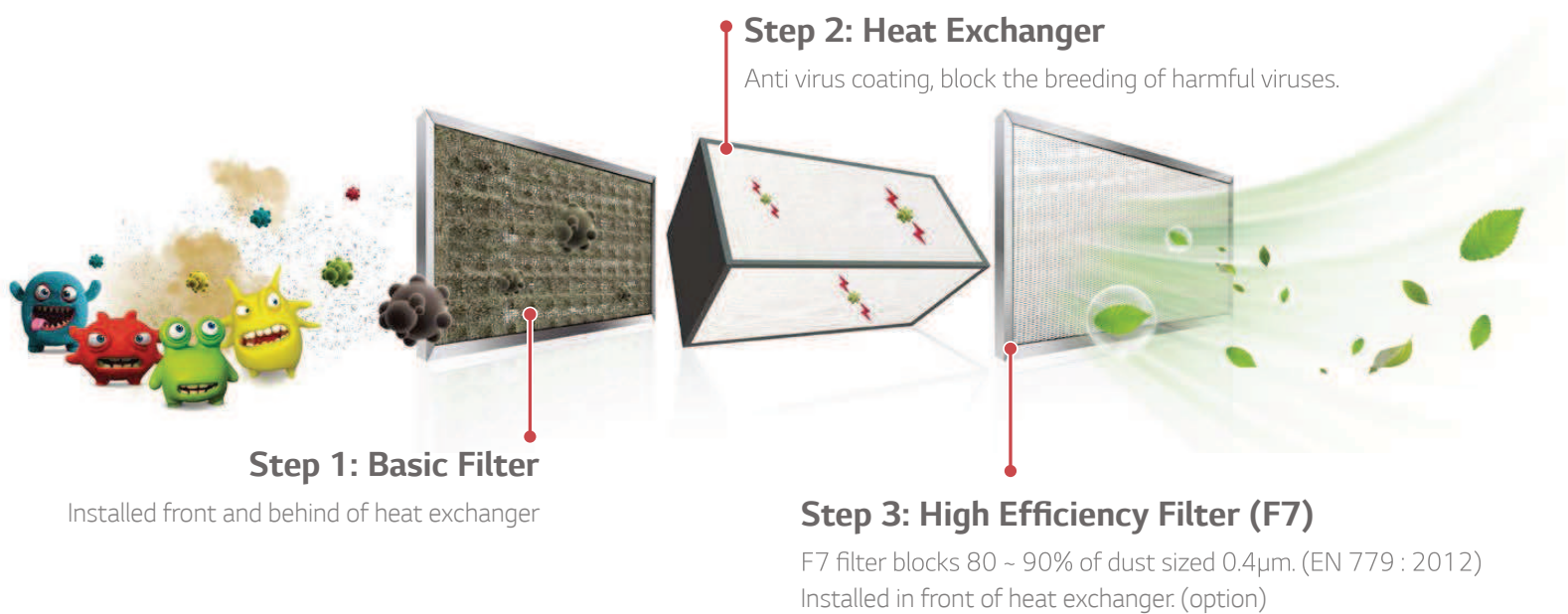


Visible!

- Indoor CO₂ level
- Alarm for filter change / Remained time to change filters

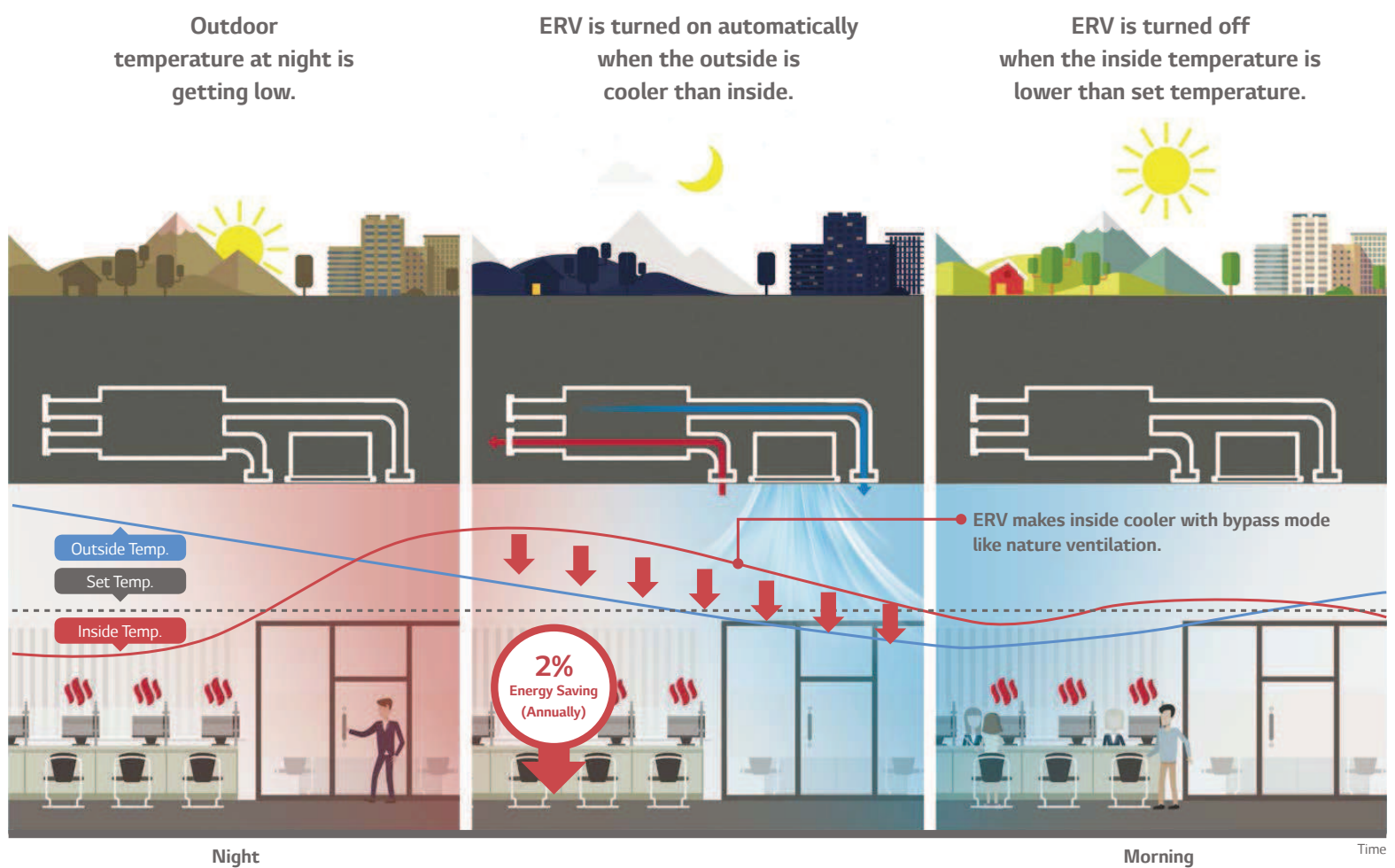
Air Purifying System (3 Steps)

LG ERV can effectively remove the various harmful substances, such as micro dust and viruses. Possible selection of the high efficiency filter(F7) for micro dust removed.



Night Time Cooling

Discharge the indoor heat in the summer night and supply cool outdoor air to indoors. so it can save energy.



* This function is operated with 'Night Time Free Cooling' on remote controller. (with MULTI V only)

** Energy saving ratio Can vary with condition.

*** Available only with Standard III

• Test Condition

- Office (49,000 ft²) / Occupancy : 30 / Area : London, UK
- ERV (1 000 CMH) + MULTI V 4 (12 HP) Unit Combination

- Other conditions are subject to BREEAM.

(Building Research Establishment's Environmental Assessment Method)

VENTILATION SOLUTION SPECIFICATION

ERV

LZ-H025GBA4 / LZ-H035GBA4 / LZ-H050GBA4



Model				LZ-H025GBA4	LZ-H035GBA4	LZ-H050GBA4
Nominal Capacity	CMH (CFM)			250 (147)	350 (206)	500 (294)
Power Supply	Ø / V / Hz			1 / 220-240 / 50, 60		
ERV Mode	Step			SUPER-HIGH / HIGH / LOW		
	Current	SH / H / L	Amps	0.70 / 0.60 / 0.42	1.10 / 0.95 / 0.60	1.92 / 1.58 / 0.79
	Power Input	SH / H / L	W	97 / 78 / 52	180 / 163 / 88	240 / 220 / 90
	Air Flow	SH / H / L	CMH (CFM)	250 / 250 / 150 (147 / 147 / 88)	350 / 350 / 210 (206 / 206 / 123)	500 / 500 / 320 (294 / 294 / 124)
	External Static Pressure	SH / H / L	Pa (inWTR)	100 / 70 / 50 (0.40 / 0.28 / 0.20)	150 / 130 / 100 (0.60 / 0.52 / 0.40)	150 / 100 / 50 (0.60 / 0.40 / 0.20)
	Temperature Exchange Efficiency	SH / H / L	%	80 / 80 / 83	75 / 75 / 77	78 / 78 / 79
	Enthalpy Exchange Efficiency	Heating (SH / H / L)	%	70 / 70 / 72	68 / 68 / 70	73 / 73 / 75
		Cooling (SH / H / L)	%	66 / 66 / 68	63 / 63 / 65	66 / 66 / 69
Noise Level (Sound Level, 1.5m)	SH / H / L	dB (A)	29 / 28 / 24	32 / 30 / 27	34 / 32 / 25	
Bypass Mode	Step			SUPER-HIGH / HIGH / LOW		
	Current	SH / H / L	Amps	0.70 / 0.60 / 0.42	1.10 / 0.95 / 0.60	1.92 / 1.58 / 0.79
	Power Input	SH / H / L	W	97 / 78 / 52	180 / 163 / 88	240 / 220 / 90
	Air Flow	SH / H / L	CMH (CFM)	250 / 250 / 150 (147 / 147 / 88)	350 / 350 / 210 (206 / 206 / 123)	500 / 500 / 320 (294 / 294 / 124)
	External Static Pressure	SH / H / L	Pa (inWTR)	100 / 70 / 50 (0.40 / 0.28 / 0.20)	150 / 130 / 100 (0.60 / 0.52 / 0.40)	150 / 100 / 50 (0.60 / 0.40 / 0.20)
	Noise Level (Sound Level, 1.5m)	SH / H / L	dB (A)	29 / 29 / 25	32 / 30 / 27	35 / 33 / 25
Heat Exchanger	Type			Air to air cross flow heat exchange		
Net Weight	kg		44	44	44	
Dimension	W x H x D	mm	988 x 273 x 1,014			
Duct work*	Qty	EA	4			
	Size (Ø)	mm	Ø200			
Supply Air Fan	Qty	EA	1			
	Type		Direct-Drive (Sirocco Fan)			
Exhaust Air Fan	Qty	EA	1			
	Type		Direct-Drive (Sirocco Fan)			
Filters (Default)	Qty	EA	2		2	
	Type		Cleanable fibrous fleeces			
	Size (W x H x D)	mm	855 x 10 x 160		855 x 6 x 230	
Filters (Optional)	Model		AHFT035H0		AHFT050H0	
	Qty	EA	2		2	
	Type		F7		F7	
	Size (W x H x D)	mm	423.5 x 132 x 25		425 x 194 x 25	
Dry Contact			PDRYCB000			

Note : 1. ERV mode : Total Heat Recovery Ventilation mode

2. * : Refer to dimensional drawings.

3. Noise level :

- The operating conditions are assumed to be standard
- Sound measured at 1.5m below the center the body.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The sound level at the air discharge port is about 8 dB(A) higher than the unit's operating sound.

4. Temperature and Enthalpy Exchange Efficiency at cooling








Indoor Temperature : 26.5°C DB, 64.5% RH, Outdoor Temperature : 34.5°C DB, 75% RH

5. Temperature and Enthalpy Exchange Efficiency at heating

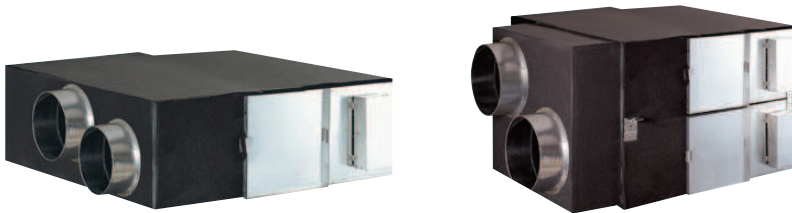
Indoor Temperature : 20.5°C DB, 59.5% RH, Outdoor Temperature : 5°C DB, 65% RH

6. Temperature Exchange efficiency is tested at heating condition.

7. F7 Filter is 2 pieces in 1 filter package

Premium	Standard III		Standard II		CO ₂ Sensor	
						
PREMTA000 PREMTA000A PREMTA000B	PREMTB100	PREMTBB10	PREMTBB01	PREMTB001	PES-CORV0 (External Type)	AHCS100H0 (Internal Type)

LZ-H080GBA4 / LZ-H100GBA4
LZ-H150GBA4 / LZ-H200GBA4



Model				LZ-H080GBA4	LZ-H100GBA4	LZ-H150GBA4	LZ-H200GBA4
Nominal Capacity	CMH (CFM)			800 (471)	1,000 (589)	1,500 (883)	2,000 (1,177)
Power Supply	Ø / V / Hz			1 / 220-240 / 50, 60			
ERV Mode	Step	-		SUPER-HIGH / HIGH / LOW			
	Current	SH / H / L	Amps	2.77 / 2.16 / 1.44	3.41 / 2.90 / 1.76	5.60 / 5.40 / 2.90	6.80 / 5.90 / 3.60
	Power Input	SH / H / L	W	390 / 280 / 187	480 / 385 / 210	780 / 540 / 377	960 / 770 / 420
	Air Flow	SH / H / L	CMH (CFM)	800 / 800 / 660 (471 / 471 / 388)	1,000 / 1,000 / 800 (589 / 589 / 471)	1,500 / 1,500 / 1,200 (883 / 883 / 706)	2,000 / 2,000 / 1,600 (1,177 / 1,177 / 942)
	External Static Pressure	SH / H / L	Pa (inWTR)	200 / 110 / 60 (0.80 / 0.44 / 0.24)	160 / 90 / 50 (0.64 / 0.36 / 0.20)	200 / 110 / 60 (0.80 / 0.44 / 0.24)	160 / 90 / 50 (0.64 / 0.36 / 0.20)
	Temperature Exchange Efficiency	SH / H / L	%	79 / 79 / 82	77 / 77 / 78	79 / 79 / 82	77 / 77 / 78
	Enthalpy Exchange Efficiency	Heating (SH / H / L)	%	72 / 72 / 74	70 / 70 / 72	72 / 72 / 74	70 / 70 / 72
		Cooling (SH / H / L)	%	63 / 63 / 66	59 / 59 / 63	63 / 63 / 66	59 / 59 / 63
	Noise Level (Sound Level, 1.5m)	SH / H / L	dB (A)	40 / 37 / 31	41 / 38 / 32	43 / 40 / 34	44 / 41 / 35
	Bypass Mode	Step	-		SUPER-HIGH / HIGH / LOW		
Current		SH / H / L	Amps	2.77 / 2.16 / 1.44	3.41 / 2.90 / 1.76	5.60 / 5.40 / 2.90	6.80 / 5.90 / 3.60
Power Input		SH / H / L	W	390 / 280 / 187	480 / 385 / 210	780 / 540 / 377	960 / 770 / 420
Air Flow		SH / H / L	CMH (CFM)	800 / 800 / 660 (471 / 471 / 388)	1,000 / 1,000 / 800 (589 / 589 / 471)	1,500 / 1,500 / 1,200 (883 / 883 / 706)	2,000 / 2,000 / 1,600 (1,177 / 1,177 / 942)
External Static Pressure		SH / H / L	Pa (inWTR)	200 / 110 / 60 (0.80 / 0.44 / 0.24)	160 / 90 / 50 (0.64 / 0.36 / 0.20)	200 / 110 / 60 (0.80 / 0.44 / 0.24)	160 / 90 / 50 (0.64 / 0.36 / 0.20)
Noise Level (Sound Level, 1.5m)		SH / H / L	dB (A)	41 / 38 / 32	41 / 39 / 33	44 / 41 / 35	44 / 42 / 36
Heat Exchanger	Type	-		Air to air cross flow heat exchange			
Net Weight	kg			62		140	
Dimension	W x H x D	mm		1,062 x 365 x 1,140		1,313 x 738 x 1,140	
Duct work*	Qty	EA		4		4 + 2	
	Size (Ø)	mm		Ø250		Ø250 + Ø350	
Supply Air Fan	Qty	EA		1		2	
	Type	-		Direct-Drive (Sirocco Fan)			
Exhaust Air Fan	Qty	EA		1		2	
	Type	-		Direct-Drive (Sirocco Fan)			
Filters (Default)	Qty	EA		2		4	
	Type	-		Cleanable fibrous fleeces			
	Size (W x H x D)	mm		1,056 x 6 x 212.5			
Filters (Optional)	Model	-		AHFT100H0			
	Qty	EA		2		4	
	Type	-		F7			
	Size (W x H x D)	mm		520 x 192 x 25			
Dry Contact				PDRYCB000			

Note : 1. ERV mode : Total Heat Recovery Ventilation mode

2. * : Refer to dimensional drawings.

3. Noise level :

- The operating conditions are assumed to be standard
- Sound measured at 1.5m below the center the body.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The sound level at the air discharge port is about 8 dB(A) higher than the unit's operating sound.

4. Temperature and Enthalpy Exchange Efficiency at cooling
Indoor Temperature : 26.5°C DB, 64.5% RH, Outdoor Temperature : 34.5°C DB, 75% RH

5. Temperature and Enthalpy Exchange Efficiency at heating
Indoor Temperature : 20.5°C DB, 59.5% RH, Outdoor Temperature : 5°C DB, 65% RH

6. Temperature Exchange efficiency is tested at heating condition.

7. F7 Filter is 2 pieces in 1 filter package

Premium	Standard III		Standard II		CO ₂ Sensor	
PREMTA000 PREMTA000A PREMTA000B	PREMTB100	PREMTBB10	PREMTBB01	PREMTB001	PES-CORV0 (External Type)	AHCS100H0 (Internal Type)

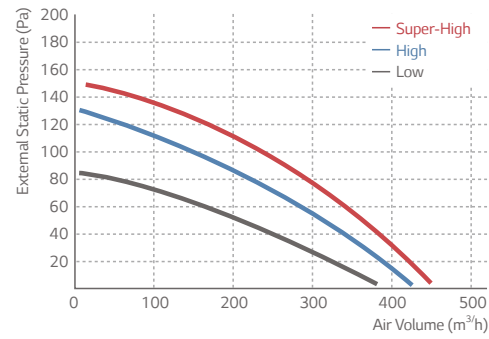
VENTILATION SOLUTION SPECIFICATION

ERV

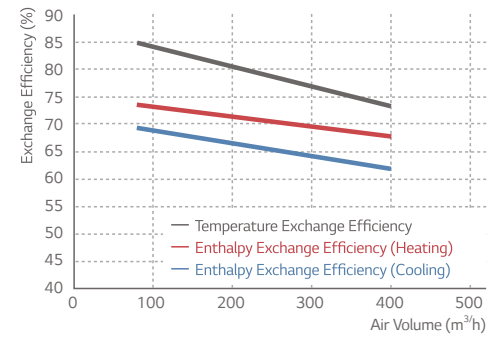
LZ-H025GBA4



Ventilation



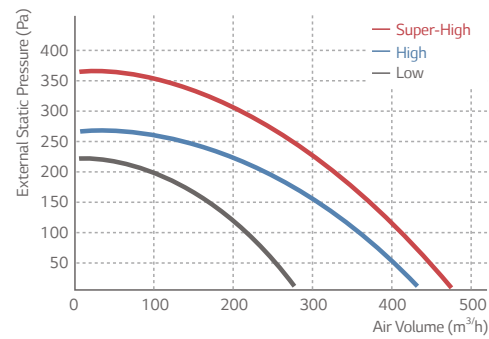
Efficiency



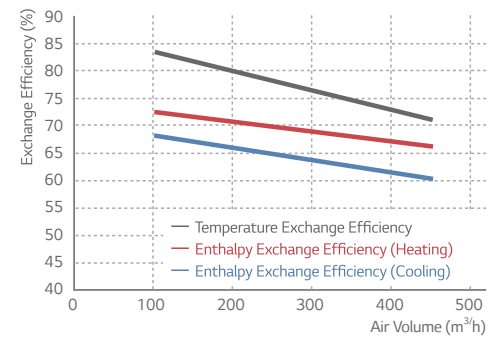
LZ-H035GBA4



Ventilation



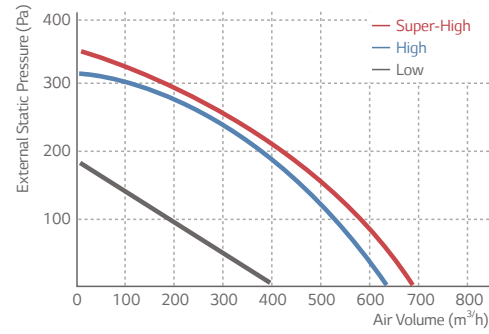
Efficiency



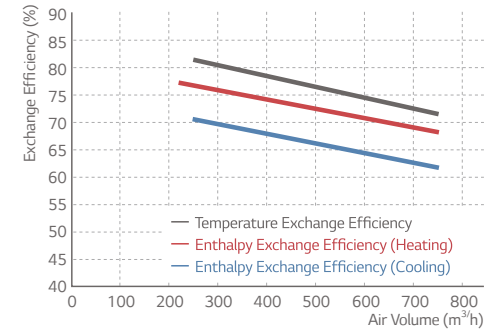
LZ-H050GBA4



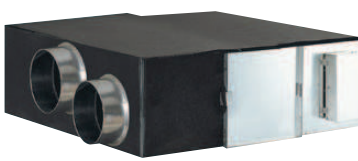
Ventilation



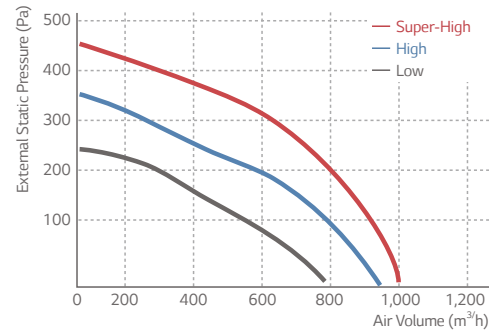
Efficiency



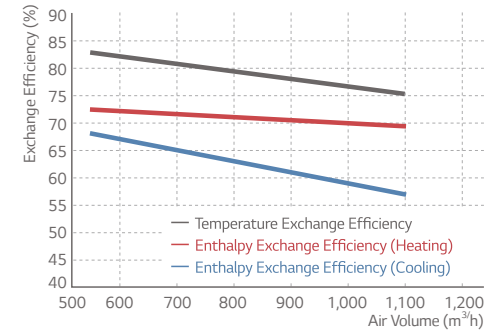
LZ-H080GBA4



Ventilation



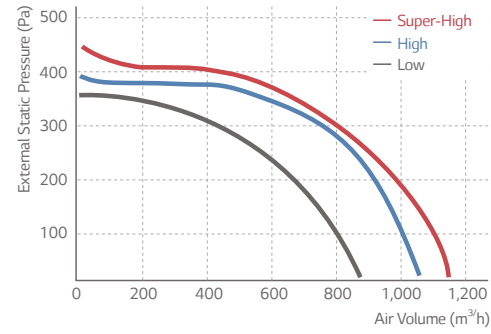
Efficiency



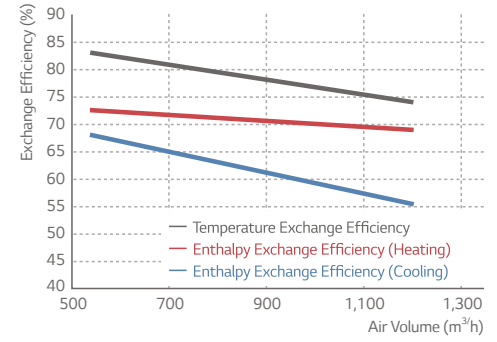
LZ-H100GBA4



Ventilation



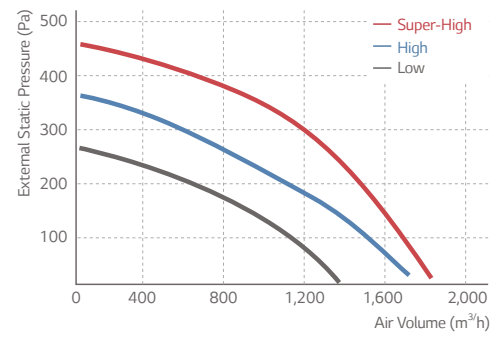
Efficiency



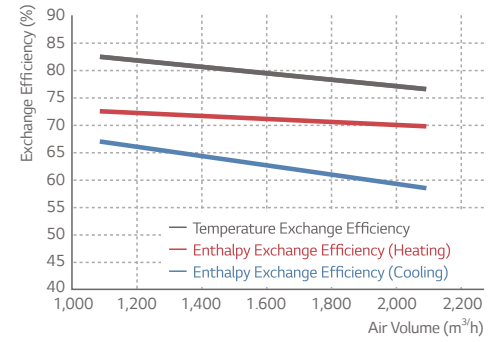
LZ-H150GBA4



Ventilation



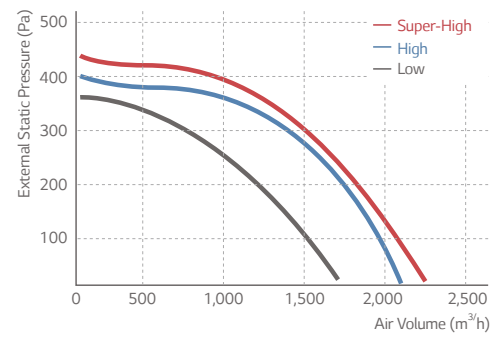
Efficiency



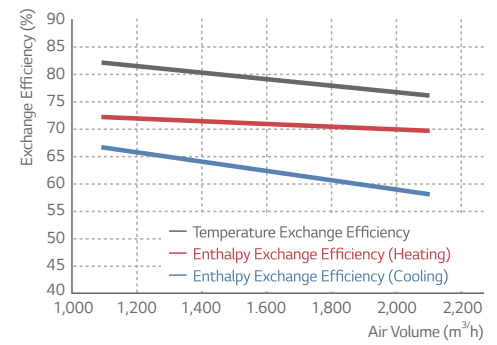
LZ-H200GBA4



Ventilation



Efficiency

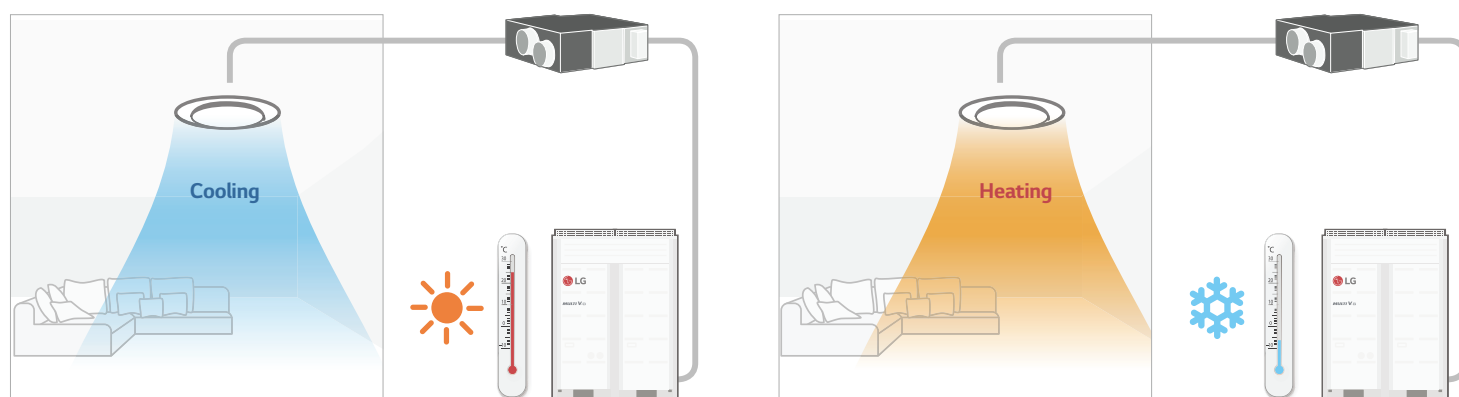


VENTILATION SOLUTION KEY FEATURES

ERV WITH DX COIL

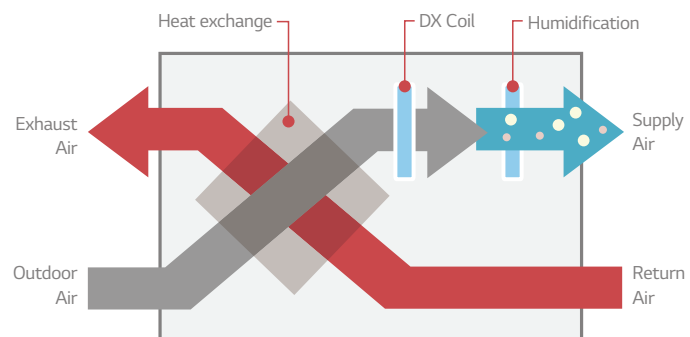
Providing Cool & Warm Fresh Air

During the summer, ERV DX can transform outdoor warm air into cool air for indoors, and it can prevent cold drafts during the winter by supplying warm air.



Total Air Conditioning Solution

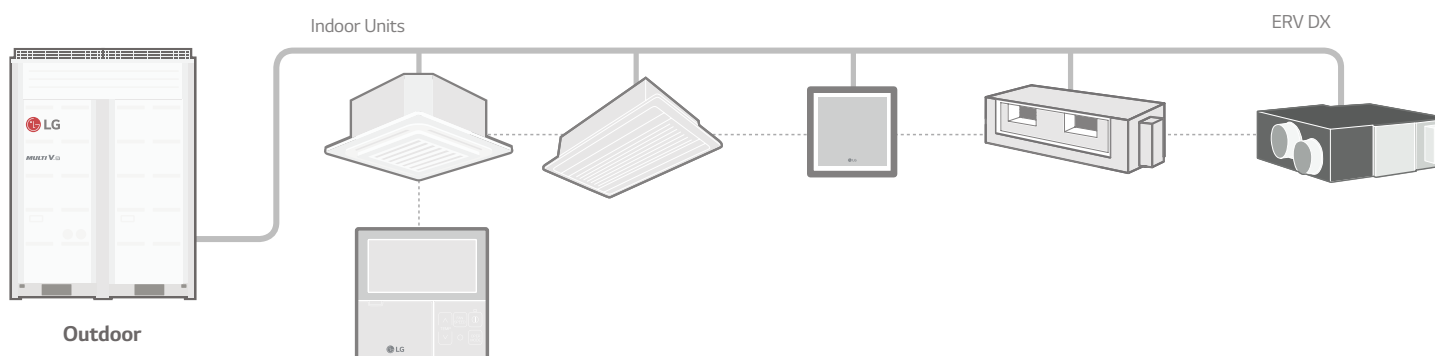
LG ERV DX can be used as a Total Air Conditioning Solution. It can control condition of incoming air with the DX coil and humidifier for making comfortable indoor air. In the summer, LG ERV DX controls the air indoors by cooling and dehumidifying incoming air. In winter, it can provide warm air by heating and humidifying the incoming air.



Interlocking with MULTI V

LG ERV DX can be interlocked with MULTI V.

It can be controlled individually by a wired remote controller connected to MULTI V indoor units.



VENTILATION SOLUTION SPECIFICATION

ERV WITH DX COIL

LZ-H050GXH4 / LZ-H080GXH4 / LZ-H100GXH4
LZ-H050GXN4 / LZ-H080GXN4 / LZ-H100GXN4



Model			LZ-H050GXH4	LZ-H080GXH4	LZ-H100GXH4	LZ-H050GXN4	LZ-H080GXN4	LZ-H100GXN4
Fresh Air Conditioning Load	Cooling 1)	kW	4.93	7.46	9.12	4.93	7.46	9.12
	Heating 2)	kW	6.73	9.80	11.72	6.73	9.80	11.72
Temperature Exchange Efficiency	SH / H / L	%	86 / 86 / 87	80 / 80 / 81	76 / 76 / 78	86 / 86 / 87	80 / 80 / 81	76 / 76 / 78
Enthalpy Exchange Efficiency	Cooling (SH / H / L)	%	61 / 61 / 63	50 / 50 / 53	45 / 45 / 50	61 / 61 / 63	50 / 50 / 53	45 / 45 / 50
	Heating (SH / H / L)	%	76 / 76 / 77	67 / 67 / 69	64 / 64 / 66	76 / 76 / 77	67 / 67 / 69	64 / 64 / 66
Air Flow Rate	Heat Exchange Mode (SH / H / L)	CMH	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820
	Bypass Mode (SH / H / L)	CMH	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820
Fan	External Static Pressure (SH / H / L)	Pa	160 / 120 / 100	140 / 90 / 70	110 / 70 / 60	180 / 150 / 110	170 / 120 / 80	150 / 100 / 70
Humidifier	System		Natural Evaporating Type					
	Amount 3)	kg/h	2.70	4.00	5.40			
	Pressure Feed Water	Mpa	0.02 - 0.49					
Sound Pressure	Heat Exchange Mode (SH / H / L)	dB (A)	38 / 36 / 33	39 / 37 / 34	40 / 38 / 35	39 / 37 / 35	41 / 38 / 36	41 / 39 / 36
	Bypass Mode (SH / H / L)	dB (A)	39 / 37 / 34	40 / 38 / 35	40 / 38 / 35	39 / 37 / 35	41 / 38 / 36	41 / 39 / 36
Refrigerant		R410A						
Power Supply	Ø / V / Hz	1 / 220-240 / 50, 60						
Power Input (Nominal)	Heat Exchange Mode (SH / H / L)	kW	0.25 / 0.20 / 0.15	0.42 / 0.35 / 0.25	0.48 / 0.42 / 0.27	0.25 / 0.20 / 0.15	0.42 / 0.35 / 0.25	0.48 / 0.42 / 0.27
	Bypass Mode (SH / H / L)	kW	0.25 / 0.20 / 0.15	0.42 / 0.35 / 0.25	0.48 / 0.42 / 0.27	0.25 / 0.20 / 0.15	0.42 / 0.35 / 0.25	0.48 / 0.42 / 0.27
Nominal Running Current (RLA)	Heat Exchange Mode (SH / H / L)	A	1.5 / 1.3 / 1.0	2.5 / 2.0 / 1.5	3.6 / 3.2 / 2.3	1.5 / 1.3 / 1.0	2.5 / 2.0 / 1.5	3.6 / 3.2 / 2.3
	Bypass Mode (SH / H / L)	A	1.5 / 1.3 / 1.0	2.5 / 2.0 / 1.5	3.6 / 3.2 / 2.3	1.5 / 1.3 / 1.0	2.5 / 2.0 / 1.5	3.6 / 3.2 / 2.3
Dimensions	W x H x D	mm	1,667 x 365 x 1,140			1,667 x 365 x 1,140		
Net Weight		kg	105			98		
Piping Connection	Liquid	mm	Ø6.35			Ø6.35		
	Gas	mm	Ø12.7			Ø12.7		
	Water	mm	Ø6.35			-		
	Drain (Outer Diameter)	mm	Ø25.4			Ø25.4		
Connection Duct Diameter		mm	Ø250			Ø250		
Remote Controller		Refer to the below Wired Remote Controller table						
Dry Contact	Simple (1 Contact Point with Case)					PDRYCB000		
	2 Contact Point					PDRYCB400		
	For Thermostat (On-Off / Mode / Fan Speed)					PDRYCB300		
	Modbus Communication					PDRYCB500		
Filters (Optional)	Mode	-				AHFT100H0		
	Qty	EA				2		
	Type	-				F7		
	Size (W x H x D)	mm	520 x 192 x 25					

Note : 1) Cooling Capacity Test condition - Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB

2) Heating Capacity Test condition - Indoor temperature : 20°C DB / Outdoor temperature : 7°C DB, 6°C WB

3) Humidifying capacity is based on the following conditions - Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB

* Cooling and heating capacities are based on the following conditions. - Fan is based on High and Super-high. The figures in the parenthesis indicate the heat reclaimed from the heat recovery ventilator.

* The operating sound measured at the point 1.5 m below the center of the unit is converted to that measured at an anechoic chamber built in accordance with the KS B 6879 conditions.








* The actual operating sound varies depending on the surrounding conditions (near running unit's sound, reflected sound and so on) and is normally higher than this value.

* Air flow rate can be changed over to low mode or high mode.

* The specifications, designs and information here are subject to change without notice.

* This product contains Fluorinated Greenhouse Gases. (R410A)

4) F7 Filter is 2 pieces in 1 filter package

Premium	Standard III		Standard II		CO ₂ Sensor	
						
PREMTA000 PREMTA000A PREMTA000B	PREMTB100	PREMTBB10	PREMTBB01	PREMTB001	PES-CORV0 (External Type)	AHCS100H0 (Internal Type)



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