



LG HVAC SOLUTION

MULTI VTM **IV** *Tropical*





MULTI V IV Development Philosophy

'Vitalizing every environment' is the ultimate goal of LG Air Conditioning and Energy Solution company. It is a vision to provide great vitality to everyone, everywhere on the globe – from consumers' private residences to commercial buildings and shared communal spaces. Under this unified goal, the company is committed to providing highly innovative heating, ventilation and air conditioning (HVAC) solutions, offering building users completely pleasant environments while using less energy.

In the last few years, LG has focused on the development of variable refrigerant flow (VRF) technologies, the latest series of advanced air conditioning solutions. Standing at the forefront of realizing LG's aspirational philosophy is the development of the MULTI V IV: A product which extends the VRF model, ensuring startling operational efficiency in cooling as well as heating for high-rise buildings, while defying comparison to any conventional HVACs.

As many manufacturers have now incorporated VRF

technologies into their products, the likelihood of further innovating on this platform has been perceived as being fairly low. However, thanks to LG's high level of expertise and dedication, the company has been able to achieve a technological breakthrough on its latest VRF system – the MULTI V IV, namely the drastic reduction in the cause of 'hidden energy loss', which is a big factor in the ineffective performance of HVAC.

In the development process of the MULTI V IV, LG has undertaken close observation, testing, analysis and extensive R&D, in order to create an industry-first technology aimed at improving operational efficiency. It is the latest innovation in LG's long experience in air conditioning which dates back to 1968 and another success for the company's dedicated R&D capacity. With HVAC innovation at the core of the product, the MULTI V IV represents a symbol of LG's unprecedented achievement, driven by the 'Vitalizing every environment' development philosophy.

'The True Leader of 4', MULTI V IV

In order for the MULTI V IV to achieve unbeatable seasonal efficiency, LG has made ceaseless efforts, driving breakthrough VRF technological advancements that make the MULTI V IV differentiated from its predecessor, the MULTI V III. Finally, LG has helped to raise the standard of VRF technologies by developing the true fourth generation VRF system, rather than merely upgrading several numerical indicators or offering generic functions.

Thus, LG is dedicated to the 'four key elements' that determine operational efficiency, which includes compressor, heat exchanger, oil and refrigerant technology. These four elements play key roles to maximize the energy efficiency

of its VRF solutions. However, they also generated some of hidden loss in conventional models.

As the result of heavy investment and extensive R&D to remove all forms of hidden loss, company's own technologies, including High Pressure Oil Return (HiPOR™), Active Refrigerant Control, Smart Oil Return and the Variable Heat Exchanger Circuit have been developed for the MULTI V IV, contributing to raise seasonal efficiency.

LG is proud to introduce customers worldwide to its latest air conditioning solution, MULTI V IV. This groundbreaking product represents the embodiment of the company's consistent commitment to excellence and technological innovation.














INDOOR UNITS

If you need a highly efficient air conditioning system in your building,
MULTI V is the right choice for you

MULTI VTM IV Tropical

INDOOR UNIT LINE UP

kW			1.5	2.2	2.8	3.6	4.5
Btu / h			5k	7k	9k	12k	15k
Wall Mounted							
Ceiling Cassettes	4 Way Cassette (570x570)						
	4 Way Cassette (840x840)						
	2 Way Cassette						
	1 Way Cassette						
Ceiling Concealed Ducts	Low Static						
	Built-in						
	High Static						
Fresh Air Intake Units							
Ceiling & Floor							
Ceiling Suspended							

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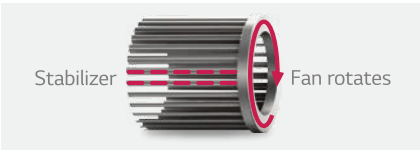
WALL MOUNTED

Low Noise Level

The indoor unit operates quietly in sleep mode for peace and quiet for in bedroom or office. For example, LG model ARNU09GSBL2, ARNU12GSBL2 in sleep mode is only 19dB. In addition, the indoor units have reduced vibration and noise thanks to a super quiet fan and motor.

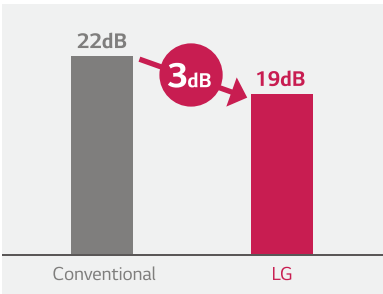
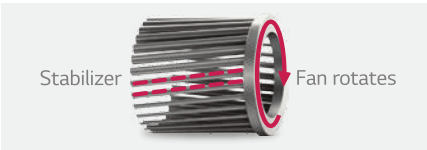
Conventional

When the fan rotates, the stabiliser and the fan blade are in parallel (= the contact of lines)
→ Instantaneous pressure change is great.



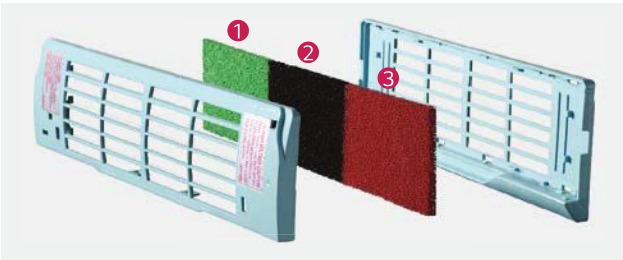
Skew Fan

When the fan rotates, the stabiliser and the fan blade are not in parallel (= the contact of points)
→ Instantaneous pressure change is small.



Deodorising (Triple Filter)

The triple filter consists of three special filters that can reduce the side effects caused by some organic compounds including formaldehyde. It has the ability to remove unpleasant odours and can create a more comfortable environment.

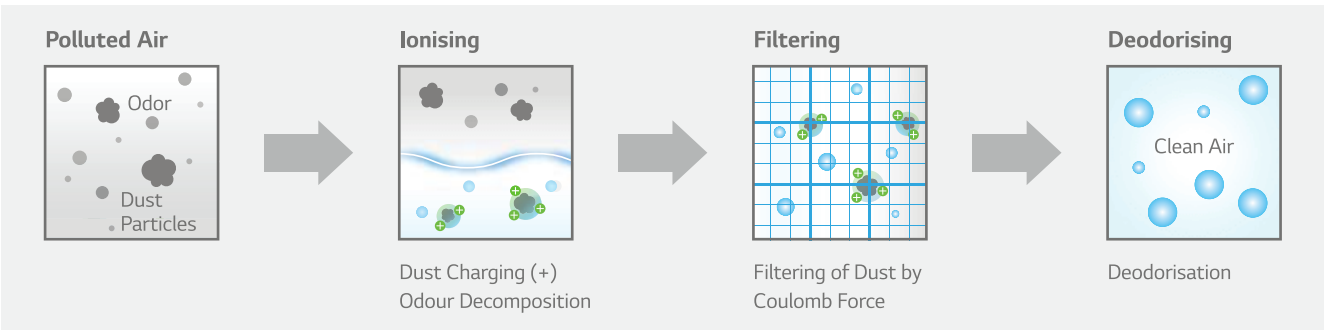


- Red filter removes smells such as smoke and food smells.
- Black filter removes the odour of new buildings such as formaldehyde.
- Blue filter removes the chemical smells such as the smell of fresh paint.

- ① VOC filter removes odour and hazardous VOCs that are discharged from household materials made out of chemical substances (carpet, paint, cleaners, furniture, etc.) (VOC= Volatile Organic Chemical)
- ② Formaldehyde filter removes formaldehyde, a leading cause of sick building syndrome, and can prevent dermatitis, vomiting, and pneumonia
- ③ Common odour filter removes ordinary odours that can cause migraines and chronic fatigue syndrome

Eliminating (Plasma Filter)

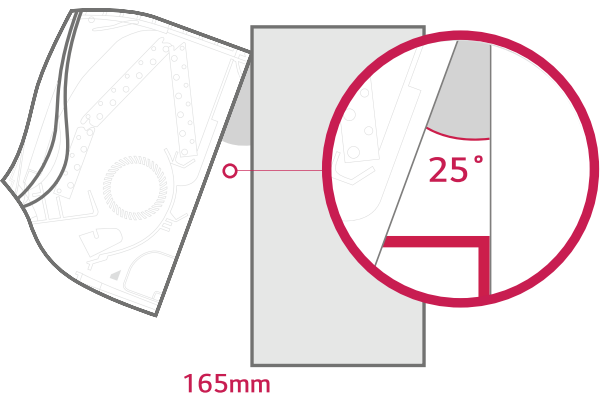
The plasma air purifying system, first developed by LG, reduces the presence of microscopic contaminants that cause allergies and asthma, such as dust particles, mites and pet fur.



WALL MOUNTED

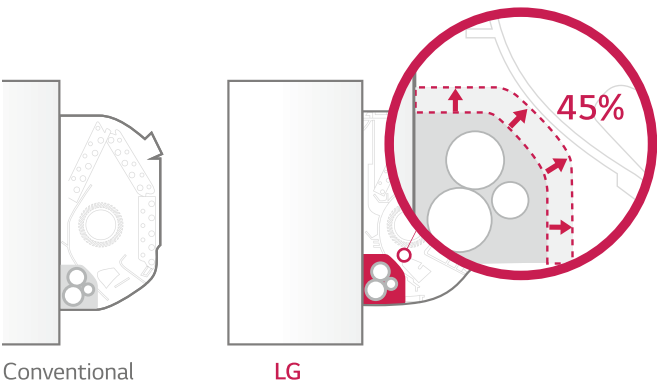
Installation Support Clip

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



Wider Tubing Space

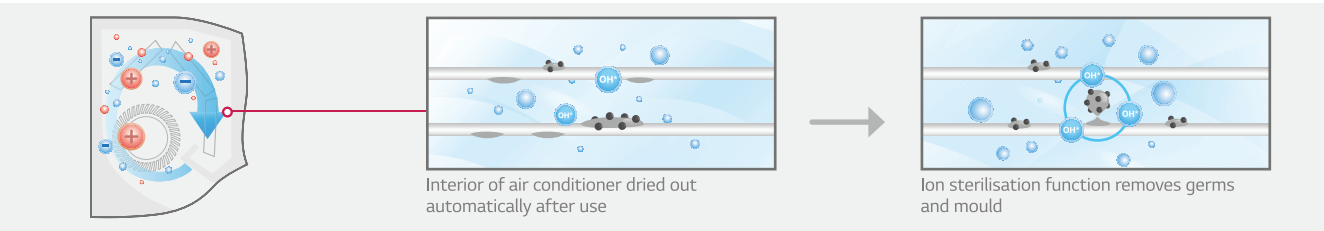
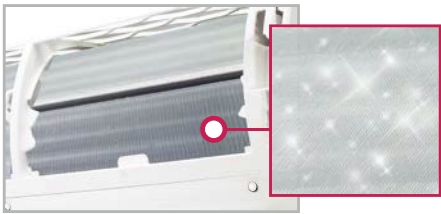
The tubing space is up to 45% wider than previous models for easier installation. The tubing space is wider than many products currently on the market.



INDOOR UNITS

Auto Cleaning

A major cause of air conditioner odours is mould and bacteria that can breed in the heat exchanger. The auto clean function dries the wet heat exchanger to prevent mould and bacteria from breeding which can significantly reduce smells and saves the user from frequent cleaning.

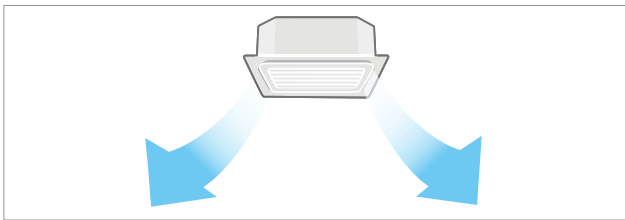


CEILING CASSETTE

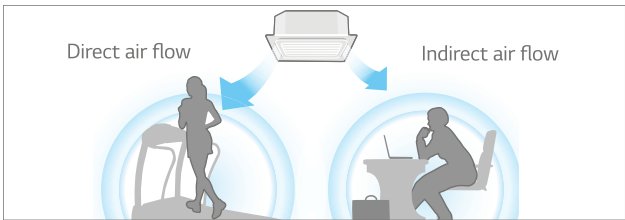
Independent Vane Control

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

All vane operation



Independent Vane Control

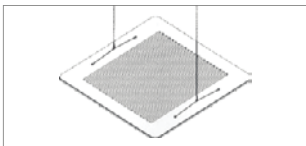


Auto Elevation Grille

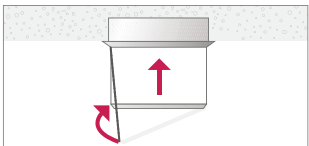
Easy filter cleaning with elevation grill.



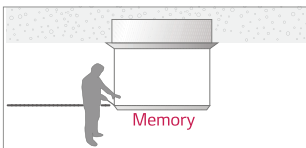
4-Point Support Structure



Auto Leveling



Memory for User's Level



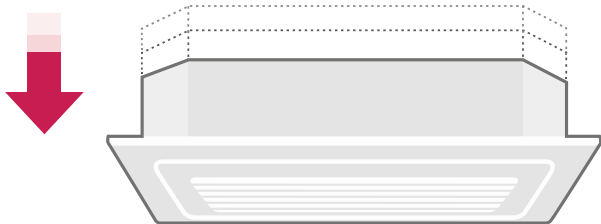
Auto Stop Detection



*Except ARNU05GTRC2, ARNU07GTRC2, ARNU09GTRC2, ARNU12GTRC2, ARNU15GTQC2, ARNU18GTQC2
*Operating with wired remote controller PQRCVSL0(QW) and wireless remote controller included in PTEGMO.

Compact Size

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



Length width : 840X840mm

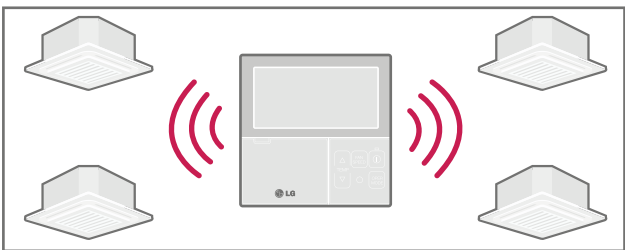
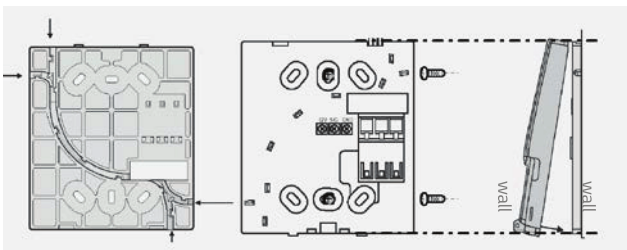
Standard Inverter	Height
7.1-8.0 kW	204mm
10.0 kW	246mm
12.5-15 kW	288mm

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

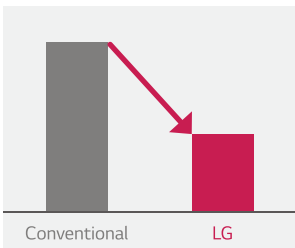
Easy & solid attachment to the wall



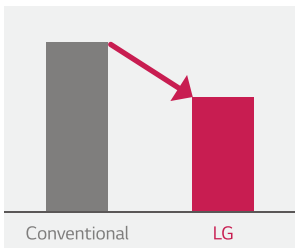
Swirl Swing

Swirl swing distributes air evenly throughout the room to ensure a more comfortable environment by adjusting the movement of the vane.

Comparison of temperatures

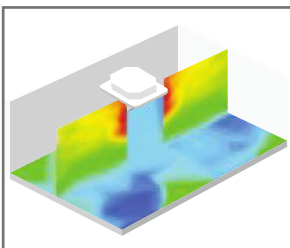


Vertical temperature differences

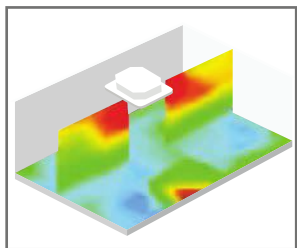


Horizontal temperature differences

Normal air flow



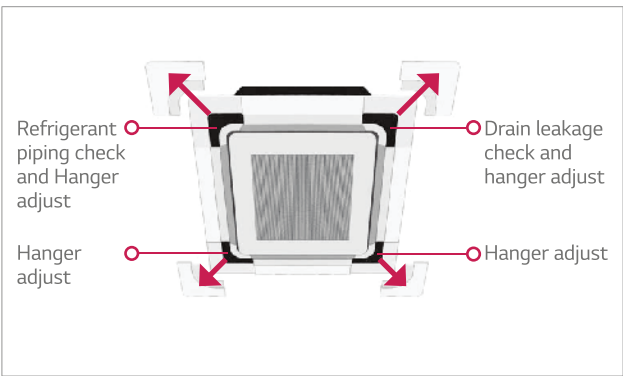
Swirl swing (pleasant air)



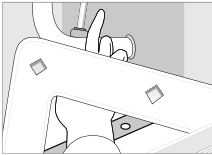
Convenient Panel Installation

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

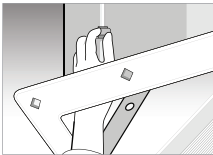
Detachable Corner Design



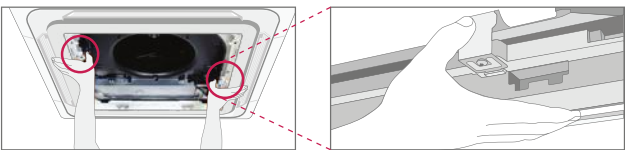
Drain leakage check



Hanger adjust



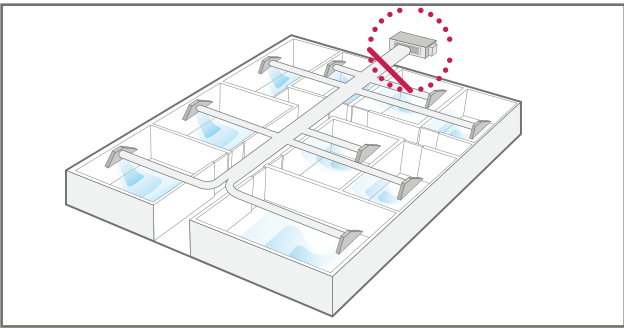
It is easy to install the panel to the body, using the button type panel design.



CEILING CONCEALED DUCT

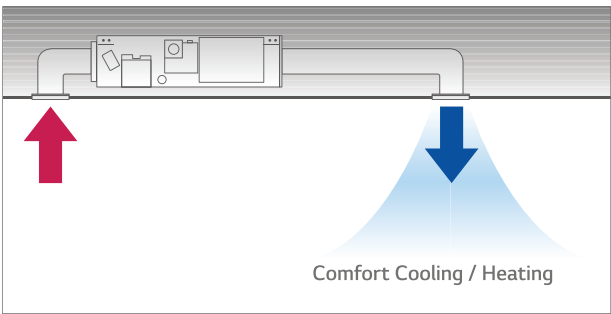
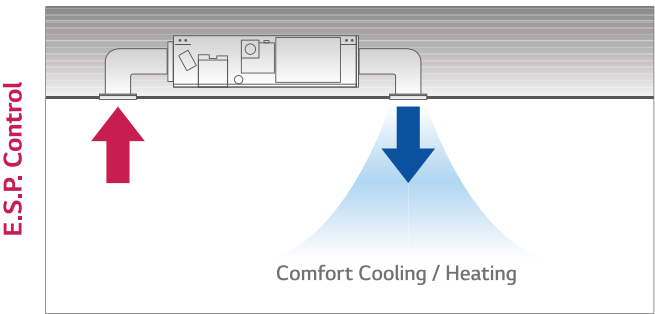
Operation for Multiple Rooms

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

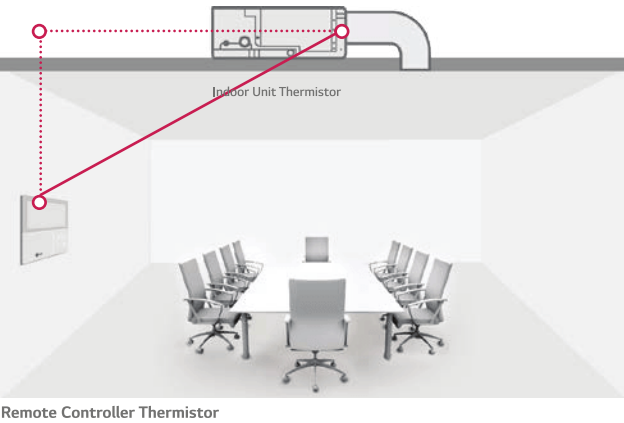
E.S.P. control function can make air volume controlled easily with remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure. No additional accessories are necessary to control air flow.



Two Thermistors Control

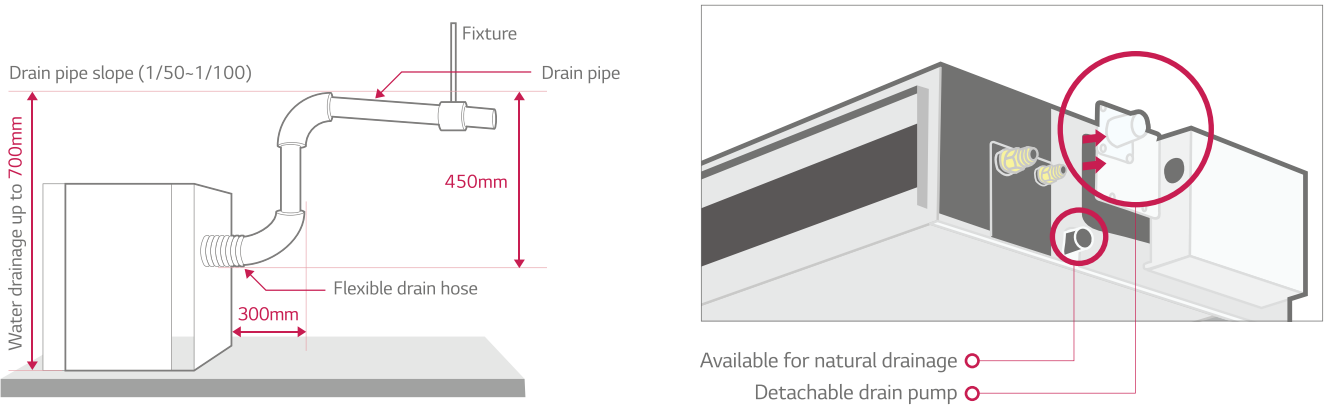
The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Two thermistors can optimise indoor air temperature for a more comfortable environment.

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



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.

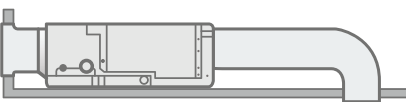


Flexible Installation (Low static duct only)

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

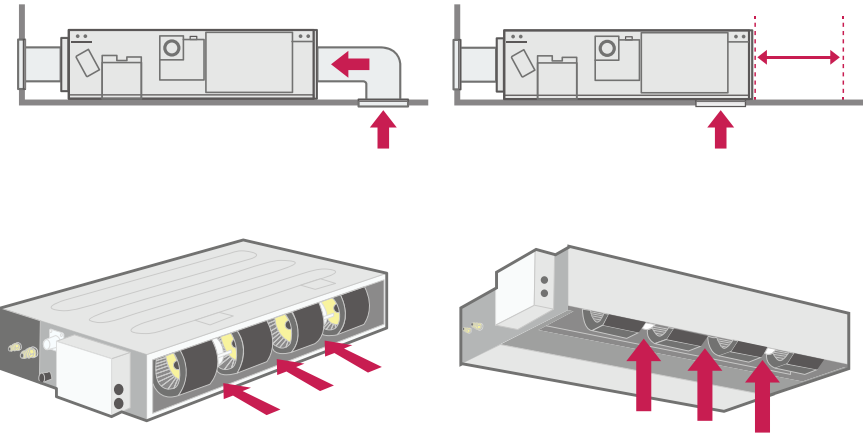
Conventional

Air intake at the only rear



New Low Static Duct

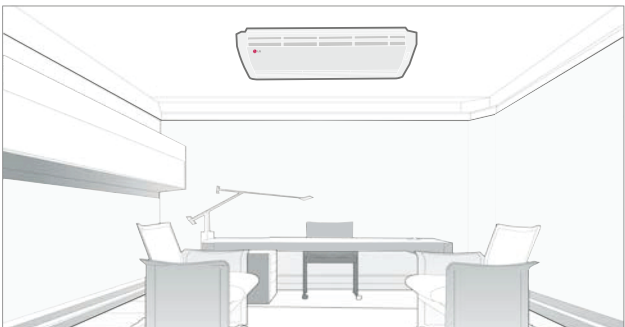
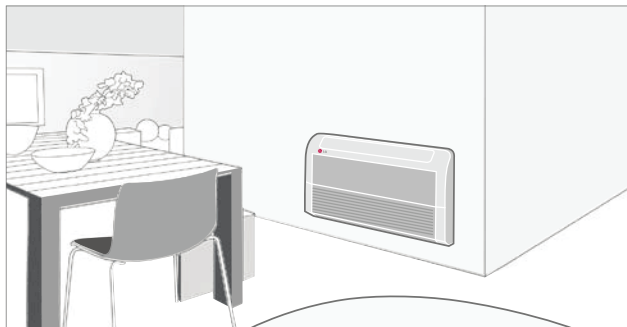
Air intake at the rear or bottom



CEILING & FLOOR CEILING SUSPENDED

Flexible Installation

The ceiling and floor models can be installed either on the ceiling or on the floor. This saves space when installed in the shops or offices.

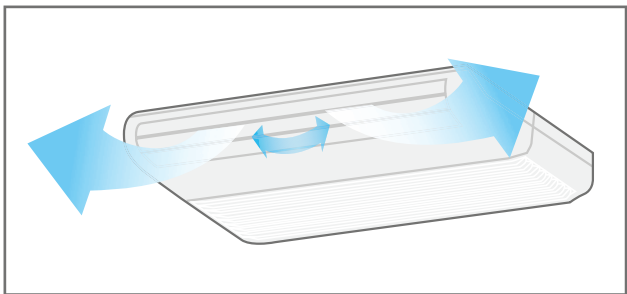


* Ceiling & Floor : ARNU09GVEA2, ARNU12GVEA2

Airflow Direction Control

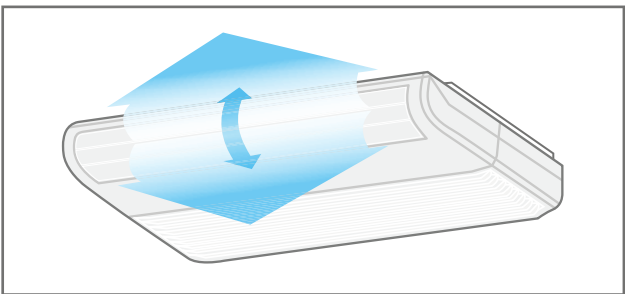
Horizontal Airflow Direction Control

Adjust the horizontal airflow direction by manually moving the horizontal airflow direction louvre by hand.



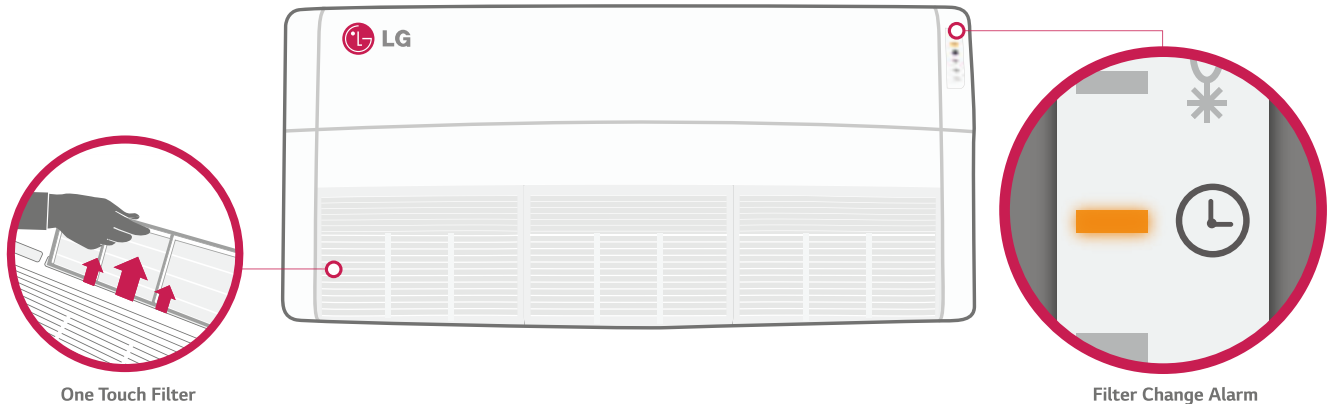
Vertical Airflow Direction Control

The airflow direction can be adjusted as desired by using the remote control.



Filter Change Alarm

The filter change alarm informs you when the unit has been operating for 2,400 hours. It is very easy to clean or change the filter.



Wall Mounted

ARNU05GSBL2

ARNU07GSBL2

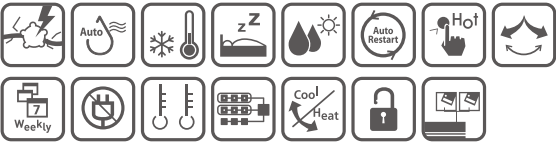
ARNU09GSBL2

ARNU12GSBL2

ARNU15GSBL2

ARNU18GSCL2

ARNU24GSCL2



					ARNU07GSBL2	ARNU09GSBL2	ARNU12GSBL2	ARNU15GSBL2	ARNU18GSCL2	ARNU24GSCL2
Capacity	Cooling	Nom	kW	1.6	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	Nom	kW	1.8	2.5	3.2	4.0	5.0	6.3	8.0
Power Input	Cooling	Nom	W	21.0	21.0	21.0	21.0	21.0	39.5	39.5
	Heating	Nom	W	21.0	21.0	21.0	21.0	21.0	39.5	39.5
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	Cooling	H/M/L	m³/min	6.5/6.0/5.5	7.0/6.5/5.5	8.2/7.0/5.5	9.5/8.2/6.5	10.5/9.0/7.0	12.5/12.0/11.3	14.0/12.7/11.5
	Heating	H/M/L	m³/min	6.5/6.0/5.5	7.0/6.5/5.5	8.2/7.0/5.5	9.5/8.2/6.5	10.5/9.0/7.0	12.5/12.0/11.3	14.0/12.7/11.5
Sound Pressure		H/M/L	dBA	30/29/28	32/30/28	34/32/28	37/34/30	40/36/32	38/35/33	43/39/35
Dimensions		Body	WxHxD	mm	895x289x215	895x289x215	895x289x215	895x289x215	1,030x325x255	1,030x325x255
Net Weight			kg(lbs)	10.0 (22.0)	10.0 (22.0)	10.0 (22.0)	10.0 (22.0)	10.0 (22.0)	14.0 (30.9)	14.0 (30.9)
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)	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)	12.7(1/2)	15.88(5/8)
	Drain	I.D.	mm(inch)	16(5/8)	16(5/8)	16(5/8)	16(5/8)	16(5/8)	16(5/8)	16(5/8)

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

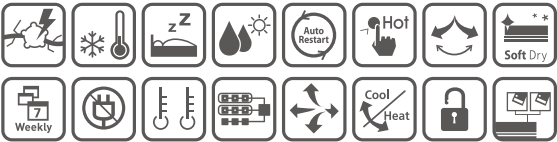
Accessories

			ARNU09GSBL2	ARNU12GSBL2	ARNU15GSBL2	ARNU18GSCL2	ARNU24GSCL2
Dry Contact	Without Case (1 Contact Point)		PQDSA				
	With Case (1 Contact Point)		PQDSB / PQDSB1				
	With Case (2 Contact Point)		PQDSBC				

				Wireless Remote Controller
		Simple Type	Simple Type for Hotel	
				
PQRCUDS0	PQRCVSL0QW	PQRCVCL0Q (Black) PQRCVCL0QW (white)	PQRCHCA0Q(Black) PQRCHCA0QW(White)	PQWRHQ0FDB

4 Way Cassette (570×570)

ARNU05GTRC2 ARNU07GTRC2 ARNU09GTRC2
ARNU12GTRC2 ARNU15GTQC2 ARNU18GTQC2



Model				ARNU05GTRC2	ARNU07GTRC2	ARNU09GTRC2	ARNU12GTRC2	ARNU15GTQC2	ARNU18GTQC2
Capacity	Cooling	Nom	kW	1.6	2.2	2.8	3.6	4.5	5.6
	Heating	Nom	kW	1.8	2.5	3.2	4.0	5.0	6.3
Power Input	Cooling	Nom	W	30	30	30	30	30	30
	Heating	Nom	W	30	30	30	30	30	30
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	Cooling	H/M/L	m³/min	7.5 / 7.0 / 6.6	7.5 / 7.0 / 6.6	8.0 / 7.5 / 7.1	8.7 / 8.0 / 7.0	11.0 / 10.0 / 9.3	11.2 / 11.0 / 10.0
	Heating	H/M/L	m³/min	7.5 / 7.0 / 6.6	7.5 / 7.0 / 6.6	8.0 / 7.5 / 7.1	8.7 / 8.0 / 7.0	11.0 / 10.0 / 9.3	11.2 / 11.0 / 10.0
Sound Pressure		H/M/L	dBa	29 / 27 / 26	29 / 27 / 26	30 / 29 / 27	32 / 30 / 27	36 / 34 / 32	37 / 35 / 34
Dimensions	Body	WxHxD	mm	570 x 570 x 214	570 x 570 x 214	570 x 570 x 214	570 x 570 x 214	570 x 570 x 256	570 x 570 x 256
Net Weight			kg(lbs)	13.1(28.9)	13.1(28.9)	14.2(31.3)	14.2(31.3)	15.5(34.2)	15.5(34.2)
Neoplasma Purifying Filter				PTPKQ0	PTPKQ0	PTPKQ0	PTPKQ0	PTPKQ0	PTPKQ0
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)	6.35(1/4)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)
Decoration Panel	Model			PT-UQC	PT-UQC	PT-UQC	PT-UQC	PT-UQC	PT-UQC
	Colour			Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog
	Dimensions	WxDxH	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
	Weight		kg	3	3	3	3	3	3







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

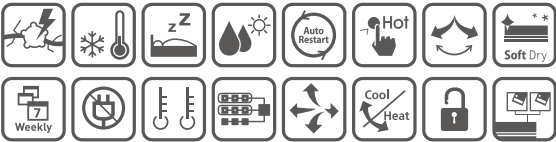
Accessories

Model		ARNU05GTRC2	ARNU07GTRC2	ARNU09GTRC2	ARNU12GTRC2	ARNU15GTQC2	ARNU18GTQC2
Dry Contact	Without Case (1 Contact Point)	PQDSA					
	With Case (1 Contact Point)	PQDSB / PQDSB1					
	With Case (2 Contact Point)	PQDSBC					
Front Panel		PT-UQC					

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
 PQRCUDS0(white) PQRCUDSOB(blue) PQRCUDSOS(silver)	 PQRCVSL0	 PQRCVSL0QW	 PQRCVCL0Q (Black) PQRCVCL0QW (white)	 PQRCHCA0Q(Black) PQRCHCA0QW(White)	 PQWRHQ0FDB

4 Way Cassette (840×840)

ARNU24GTPC2 ARNU28GTPC2
ARNU36GTNC2 ARNU42GTMC2 ARNU48GTMC2



Model				ARNU24GTPC2	ARNU28GTPC2	ARNU36GTNC2	ARNU42GTMC2	ARNU48GTMC2
Capacity	Cooling	Nom	kW	7.1	8.2	10.6	12.3	14.1
	Heating	Nom	kW	8.0	9.2	11.9	13.8	15.9
Power Input	Cooling	Nom	W	33	33	144	144	144
	Heating	Nom	W	33	33	144	144	144
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
Airflow Rate	Cooling	H/M/L	m³/min	17 / 15 / 13	19 / 16 / 14	25 / 21 / 19	30 / 27 / 24	31 / 29 / 27
	Heating	H/M/L	m³/min	17 / 15 / 13	19 / 16 / 14	25 / 21 / 19	30 / 27 / 24	31 / 29 / 27
Sound Pressure		H/M/L	dBA	36 / 34 / 31	39 / 35 / 33	43 / 40 / 37	44 / 41 / 38	46 / 43 / 41
Dimensions	Body	WxHxD	mm	840 x 840 x 204	840 x 840 x 204	840 x 840 x 246	840 x 840 x 288	840 x 840 x 288
Net Weight			kg(lbs)	20.8(45.8)	20.8(45.8)	23.5(51.8)	25.6(56.4)	25.6(56.4)
Neoplasma Purifying Filter				PTPKM0	PTPKM0	PTPKM0	PTPKM0	PTPKM0
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)
	Gas		mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Colour			Morning fog	Morning fog	Morning fog	Morning fog	Morning fog
	Dimensions	WxDxH	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
	Weight		kg	5.6	5.6	5.6	5.6	5.6

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

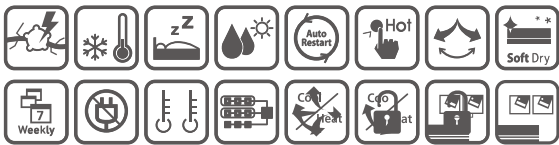
Accessories

Model	ARNU24GTPC2	ARNU28GTPC2	ARNU36GTNC2	ARNU42GTMC2	ARNU48GTMC2
Dry Contact	Without Case (1 Contact Point)				
	PQDSA				
	With Case (1 Contact Point)				
Front Panel	PQDSB / PQDSB1				
	PQDSBC				
Auto Elevation Grille	PT-UMC1				
Ventilation Kit	PTEGMO				
			PTVK410 / PTVK420 / PTVK 430		

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
					
PQRCUDS0(white) PQRCUDS0B(blue) PQRCUDS0S(silver)	PQRCVSL0	PQRCVSL0QW	PQRCVCL0Q (Black) PQRCVCL0QW (white)	PQRCHCA0Q(Black) PQRCHCA0QW(White)	PQWRHQ0FDB

2 Way Cassette

ARNU18G**TLC2** ARNU24G**TLC2**



Model				ARNU18G TLC2	ARNU24G TLC2
Capacity	Cooling	Nom	kW	5.6	7.1
	Heating	Nom	kW	6.3	8.0
Power Input	Cooling	Nom	W	70	70
	Heating	Nom	W	70	70
Power Supply		ø/V/Hz		1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m³/min	13 / 12 / 10	17 / 15 / 13
	Heating	H/M/L	m³/min	13 / 12 / 10	17 / 15 / 13
Sound Pressure		H/M/L	dBA	40 / 36 / 32	42 / 38 / 34
Dimensions		Body	WxHxD	830 x 550 x 225	830 x 550 x 225
Net Weight			kg(lbs)	22(48.5)	22(48.5)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	15.88(5/8)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)
Decoration Panel	Model			PT-HLC	PT-HLC
	Colour			Morning fog	Morning fog
	Dimensions	WxDxH	mm	1,050 x 28 x 640	1,050 x 28 x 640
	Weight		kg	4.0	4.0

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

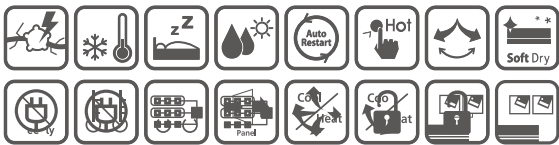
Accessories

Model		ARNU18G TLC2	ARNU24G TLC2
Dry Contact	Without Case (1 Contact Point)	PQDSA	
	With Case (1 Contact Point)	PQDSB / PQDSB1	
	With Case (2 Contact Point)	PQDSBC	

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
 PQRCUDS0(white) PQRCUDS0B(blue) PQRCUDS0S(silver)	 PQRCVSL0	 PQRCVSL0QW	 PQRCVCL0Q (Black) PQRCVCL0QW (white)	 PQRCHCA0Q(Black) PQRCHCA0QW(White)	 PQWRHQ0FDB

1 Way Cassette

ARNU07GTUC2 ARNU09GTUC2
ARNU12GTUC2 ARNU18GTTC2 ARNU24GTTC2



Grill Type

Model				ARNU07GTUC2	ARNU09GTUC2	ARNU12GTUC2	ARNU18GTTC2	ARNU24GTTC2
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	Nom	W	40	40	40	70	70
	Heating	Nom	W	40	40	40	70	70
Power Supply				ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m³/min	8.2 / 7.3 / 6.4	9.2 / 8.6 / 8.2	10 / 9.2 / 8.2	13.3 / 12.1 / 10.9	14.6 / 13.3 / 11.5
	Heating	H/M/L	m³/min	8.2 / 7.3 / 6.4	9.2 / 8.6 / 8.2	10 / 9.2 / 8.2	13.3 / 12.1 / 10.9	14.6 / 13.3 / 11.5
Sound Pressure		H/M/L	dBA	32 / 29 / 25	35 / 34 / 32	38 / 35 / 32	40 / 37 / 35	43 / 40 / 36
Dimensions	Body	WxHxD	mm	860 x 450 x 132	860 x 450 x 132	860 x 450 x 132	1,180 x 450 x 132	1,180 x 450 x 132
Net Weight			kg(lbs)	14.7(32.4)	14.7(32.4)	14.7(32.4)	18.7(41.23)	18.7(41.23)
Piping Connection	Liquid		mm(inch)	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)	15.88(5/8)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)
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)
	Colour			White	White	White	White	White
	Dimensions	WxDxH	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

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

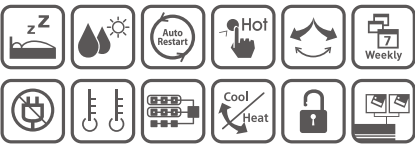
Accessories

Model		ARNU07GTUC2	ARNU09GTUC2	ARNU12GTUC2	ARNU18GTTC2	ARNU24GTTC2
Dry Contact	Without Case (1 Contact Point)	PQDSA				
	With Case (1 Contact Point)	PQDSB / PQDSB1				
	With Case (2 Contact Point)	PQDSBC				

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
					
PQRCUDS0(white) PQRCUDS0B(blue) PQRCUDS0S(silver)	PQRCVSL0	PQRCVSL0QW	PQRCVCL0Q (Black) PQRCVCL0QW (white)	PQRCCHA0Q(Black) PQRCCHA0QW(White)	PQWRHQ0FDB

Low Static Duct

ARNU05GL1G2 ARNU07GL1G2 ARNU09GL1G2



Model				ARNU05GL1G2	ARNU07GL1G2	ARNU09GL1G2
Capacity	Cooling	Nom	kW	1.7	2.2	2.8
	Heating	Nom	kW	1.9	2.5	3.2
Power Input	Cooling	Nom	W	40	40	40
	Heating	Nom	W	40	40	40
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate (High mode)	Cooling	H/M/L	m³/min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5
	Heating	H/M/L	m³/min	6.7 / 6.2 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	2.54(25)	2.54(25)	2.54(25)
Sound Pressure		H/M/L	dBA	25 / 24 / 22	26 / 24 / 22	28 / 25 / 22
Dimensions	Body	WxHxD	mm	700 x 190 x 700	700 x 190 x 700	700 x 190 x 700
Net Weight			kg(lbs)	17.5(38.6)	17.5(38.6)	17.5(38.6)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drain	I.D.	mm(inch)	25.4(1)	25.4(1)	25.4(1)
Fan motor output x Numver				19 x 1	19 x 1	19 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. L1 : The Sound Pressure test condition is based on 20 Pa (Static Pressue) as standard.

Accessories

Model		ARNU05GL1G2	ARNU07GL1G2	ARNU09GL1G2
Dry Contact	Without Case (1 Contact Point)	PQDSA		
	With Case (1 Contact Point)	PQDSB / PQDSB1		
	With Case (2 Contact Point)	PQDSBC		

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
 PQRCUDS0(white) PQRCUDS0B(blue) PQRCUDS0S(silver)	 PQRCVSL0	 PQRCVSL0QW	 PQRCVCL0Q (Black) PQRCVCL0QW (white)	 PQRCHCA0Q(Black) PQRCHCA0QW(White)	 PQWRHQ0FDB

Low Static Duct

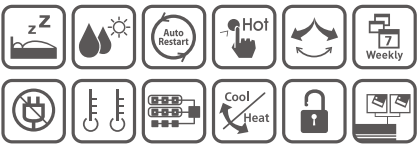
ARNU12GL2G2

ARNU15GL2G2

ARNU18GL2G2

ARNU21GL3G2

ARNU24GL3G2



Model				ARNU12GL2G2	ARNU15GL2G2	ARNU18GL2G2	ARNU21GL3G2	ARNU24GL3G2
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	Nom	W	85	85	85	115	115
	Heating	Nom	W	85	85	85	115	115
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
Airflow Rate (High mode)	Cooling	H/M/L	m³/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	m³/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			High Mode - Factory Set	mmAq(Pa)	2.54(25)	2.54(25)	2.54(25)	2.54(25)
Sound Pressure			H/M/L	dBA	30 / 27 / 25	33 / 30 / 28	35 / 32 / 29	35 / 29 / 28
Dimensions			Body	WxHxD	mm	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700
Net Weight				kg(lbs)	23(50.7)	23(50.7)	27(59.5)	27(59.5)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)	15.88(5/8)
	Drain	I.D.	mm(inch)	25.4(1)	25.4(1)	25.4(1)	25.4(1)	25.4(1)
Fan motor output x Numver			W	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 2	19 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. L2, L3 : The Sound Pressure test condition is based on 20 Pa (Static Pressue) as standard.

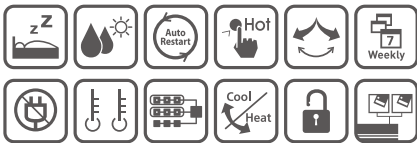
Accessories

Model		ARNU12GL2G2	ARNU15GL2G2	ARNU18GL2G2	ARNU21GL3G2	ARNU24GL3G2
Dry Contact	Without Case (1 Contact Point)	PQDSA				
	With Case (1 Contact Point)	PQDSB / PQDSB1				
	With Case (2 Contact Point)	PQDSBC				

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
 PQRCUDS0(white) PQRCUDS0B(blue) PQRCUDS0S(silver)	 PQRCVSL0	 PQRCVSL0QW	 PQRCVCLOQ (Black) PQRCVCLOQW (white)	 PQRCHCA0Q(Black) PQRCHCA0QW(White)	 PQWRHQ0FDB

High Static Duct

ARNU07GBHA2 ARNU09GBHA2 ARNU12GBHA2
ARNU15GBHA2 ARNU18GBHA2 ARNU24GBHA2



Model				ARNU07GBHA2	ARNU09GBHA2	ARNU12GBHA2	ARNU15GBHA2	ARNU18GBHA2	ARNU24GBHA2
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				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	Cooling	H/M/L	m³/min	6.5 / 5.8 / 5.4	8.1 / 6.5 / 5.8	9.6 / 8.1 / 6.5	11.3 / 9.6 / 6.5	13.0 / 11.3 / 9.6	16.0 / 14.4 / 13.0
	Heating	H/M/L	m³/min	6.5 / 5.8 / 5.4	8.1 / 6.5 / 5.8	9.6 / 8.1 / 6.5	11.3 / 9.6 / 6.5	13.0 / 11.3 / 9.6	16.0 / 14.4 / 13.0
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	118 x 1	118 x 1	118 x 1	118 x 1	118 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.

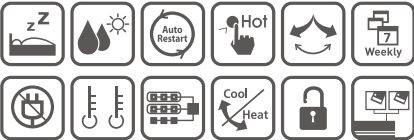
Accessories

Model		ARNU07GBHA2	ARNU09GBHA2	ARNU12GBHA2	ARNU15GBHA2	ARNU18GBHA2	ARNU24GBHA2
Dry Contact	Without Case (1 Contact Point)	PQDSA					
	With Case (1 Contact Point)	PQDSB / PQDSB1					
	With Case (2 Contact Point)	PQDSBC					

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
 PQRCUDS0(white) PQRCUDS0B(blue) PQRCUDS0S(silver)	 PQRCVSL0	 PQRCVSL0QW	 PQRCVCL0Q (Black) PQRCVCL0QW (white)	 PQRCHCA0Q(Black) PQRCHCA0QW(White)	 PQWRHQ0FDB

High Static Duct

ARNU28GBGA2 ARNU36GBGA2 ARNU42GBGA2
ARNU48GBRA2 ARNU54GBRA2 ARNU76GB8A2 ARNU96GB8A2



Model				ARNU28GBGA2	ARNU36GBGA2	ARNU42GBGA2	ARNU48GBRA2	ARNU54GBRA2	ARNU76GB8A2	ARNU96GB8A2
Capacity	Cooling	Nom	kW	8.2	10.6	12.3	14.1	15.8	22.4	28.0
	Heating	Nom	kW	9.2	11.9	13.8	15.9	18.0	25.2	31.5
Power Input	Cooling	Nom	W	450	450	450	450	450	800	800
	Heating	Nom	W	450	450	450	450	450	800	800
Power Supply				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	Cooling	H/M/L	m³/min	25.9 / 24.1 / 21.8	32.3 / 29.0 / 25.3	34.5 / 32.3 / 30.7	44.8 / 40.6 / 33.3	51.0 / 44.8 / 40.6	60.0 / 50.0 / 50.0	72.0 / 64.0 / 64.0
	Heating	H/M/L	m³/min	25.9 / 24.1 / 21.8	32.3 / 29.0 / 25.3	34.5 / 32.3 / 30.7	44.8 / 40.6 / 33.3	51.0 / 44.8 / 40.6	60.0 / 50.0 / 50.0	72.0 / 64.0 / 64.0
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	10(98)	10(98)	10(98)	14(137)	14(137)	22(216)	22(216)
Sound Pressure			H/M/L dBA	29 / 25 / 23	33 / 31 / 28	36 / 33 / 30	38 / 36 / 34	39 / 37 / 35	45 / 41 / 40	47 / 42 / 41
Dimensions	Body	WxHxD	mm	1,182 x 298 x 450	1,182 x 298 x 450	1,182 x 298 x 450	1,230 x 380 x 590	1,230 x 380 x 590	1,562 x 460 x 688	1,562 x 460 x 688
Net Weight			kg(lbs)	38.0(83.8)	38(83.8)	38(83.8)	53(117)	53(117)	87(192)	87(192)
Piping Connection	Liquid			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			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(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)	25(31/32)
Fan motor output x Number				W	350 x 1	350 x 1	350 x 1	185 x 2	185 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 Pressue) as standard.

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

INDOOR UNITS

Accessories

Model		ARNU28GBGA2	ARNU36GBGA2	ARNU42GBGA2	ARNU48GBRA2	ARNU54GBRA2	ARNU76GB8A2	ARNU96GB8A2
Dry Contact	Without Case (1 Contact Point)	PQDSA						
	With Case (1 Contact Point)	PQDSB / PQDSB1						
	With Case (2 Contact Point)	PQDSBC						

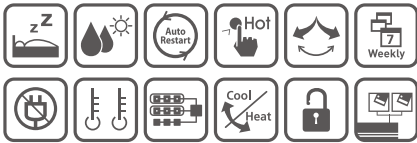
Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
 PQRCUDS0(white) PQRCUDSOB(blue) PQRCUDSOS(silver)	 PQRCVSLO	 PQRCVSL0QW	 PQRCVCLOQ (Black) PQRCVCLOQW (white)	 PQRCHCA0Q(Black) PQRCHCA0QW(White)	 PQWRHQ0FDB

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High Static Duct 2

ARNU12GBGA2 ARNU15GBGA2

ARNU18GBGA2 ARNU24GBGA2



Model				ARNU12GBGA2	ARNU15GBGA2	ARNU18GBGA2	ARNU24GBGA2
Capacity	Cooling	Nom	kW	3.6	4.5	5.6	7.1
	Heating	Nom	kW	4.0	5.0	6.3	8.0
Power Input	Cooling	Nom	W	450	450	450	450
	Heating	Nom	W	450	450	450	450
Power Supply			ø/V/Hz	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50
Airflow Rate (High mode)	Cooling	H/M/L	m³/min	13.5 / 12.1 / 9.4	13.8 / 11.8 / 9.5	15.2 / 13.8 / 11.8	19.0 / 15.2 / 13.8
	Heating	H/M/L	m³/min	13.5 / 12.1 / 9.4	13.8 / 11.8 / 9.5	15.2 / 13.8 / 11.8	19.0 / 15.2 / 13.8
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	6(59)	8(78)	8(78)	8(78)
Sound Pressure		H/M/L	dBA	32 / 31 / 30	33 / 32 / 31	33 / 32 / 31	36 / 35 / 33
Dimensions	Body	WxHxD	mm	1,182 x 298 x 450	1,182 x 298 x 450	1,182 x 298 x 450	1,182 x 298 x 450
Net Weight			kg(lbs)	38.0(83.8)	38.0(83.8)	38.0(83.8)	38.0(83.8)
Piping Connection	Liquid		mm(inch)	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)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)	25(31/32)
Fan motor output x Number			W	350 x 1	350 x 1	350 x 1	350 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. BG, BR : The Sound Pressure test condition is based on 50 Pa (Static Pressue) as standard.

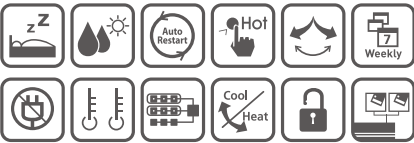
Accessories

Model		ARNU07GBHA2	ARNU09GBHA2	ARNU12GBHA2	ARNU15GBHA2	ARNU18GBHA2	ARNU24GBHA2
Dry Contact	Without Case (1 Contact Point)	PQDSA					
	With Case (1 Contact Point)	PQDSB / PQDSB1					
	With Case (2 Contact Point)	PQDSBC					

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
					
PQRCUDS0(white) PQRCUDS0B(blue) PQRCUDS0S(silver)	PQRCVSLO	PQRCVSLOQW	PQRCVCL0Q (Black) PQRCVCL0QW (white)	PQRCHCA0Q(Black) PQRCHCA0QW(White)	PQWRHQ0FDB

High Static Duct 2

ARNU28GBRA2 ARNU36GBRA2 ARNU42GBRA2



Model				ARNU28GBRA2	ARNU36GBRA2	ARNU42GBRA2
Capacity	Cooling	Nom	kW	8.2	10.6	12.3
	Heating	Nom	kW	9.2	11.9	13.8
Power Input	Cooling	Nom	W	450	450	450
	Heating	Nom	W	450	450	450
Power Supply			ø/V/Hz	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50
Airflow Rate (High mode)	Cooling	H/M/L	m³/min	36.2 / 32.1 / 28.5	39.1 / 33.3 / 29.7	42.2 / 39.1 / 33.3
	Heating	H/M/L	m³/min	36.2 / 32.1 / 28.5	39.1 / 33.3 / 29.7	42.2 / 39.1 / 33.3
External Static Pressure	High Mode - Factory Set		mmAq(Pa)	14(137)	14(137)	14(137)
Sound Pressure		H/M/L	dBA	41 / 40 / 39	42 / 41 / 40	43 / 42 / 41
Dimensions	Body	WxHxD	mm	1,562 x 460 x 688	1,562 x 460 x 688	1,562 x 460 x 688
Net Weight			kg(lbs)	53(116.8)	53(116.8)	53(116.8)
Piping Connection	Liquid		mm(inch)	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)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)
Fan motor output x Number			W	185 x 2	185 x 2	185x2

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 Pressue) as standard.

INDOOR UNITS

Accessories

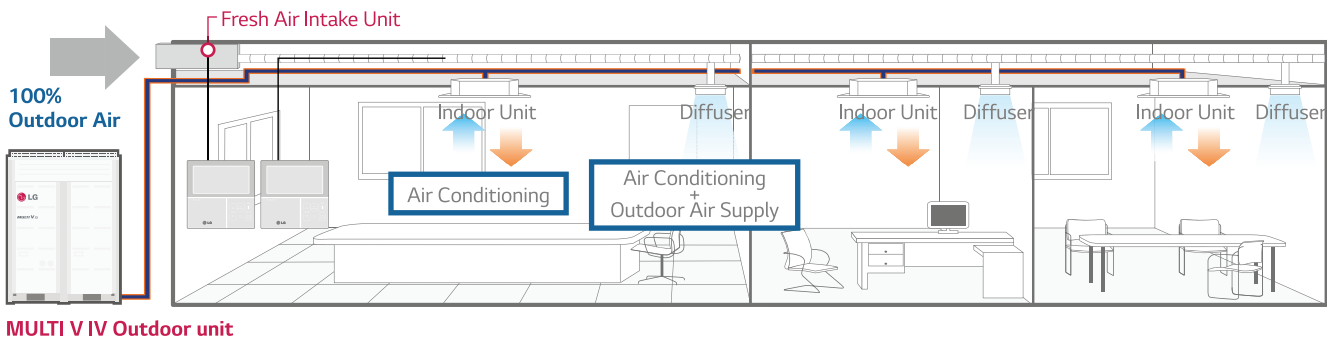
Model	ARNU28GBGA2	ARNU36GBGA2	ARNU42GBGA2	ARNU48GBRA2	ARNU54GBRA2	ARNU76GB8A2	ARNU96GB8A2
Dry Contact	Without Case (1 Contact Point)			PQDSA			
	With Case (1 Contact Point)			PQDSB / PQDSB1			
	With Case (2 Contact Point)			PQDSBC			

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
 PQRCUDS0(white) PQRCUDS0B(blue) PQRCUDS0S(silver)	 PQRCVSLO	 PQRCVSL0QW	 PQRCVCL0Q (Black) PQRCVCL0QW (white)	 PQRCHCA0Q(Black) PQRCHCA0QW(White)	 PQWRHQ0FDB

FRESH AIR INTAKE UNIT

Fresh Outdoor Air Supply

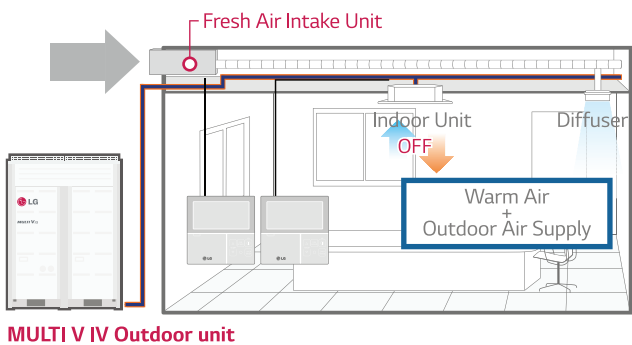
The LG Fresh Air Intake Unit (FAU) is the alternative solution for ventilation, which supplies the fresh outdoor air indoors as well as being able to cool and heat air inside simultaneously. It means the indoor space can have positive air pressure consistently, which can block cold, hot or contaminated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



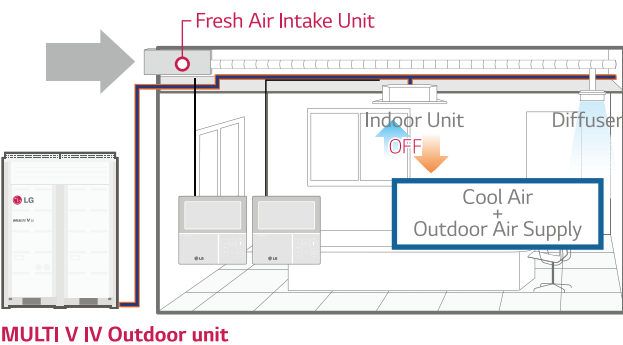
Economic Operation

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

Spring Season



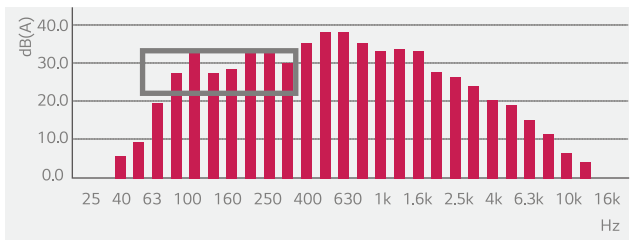
Autumn Season



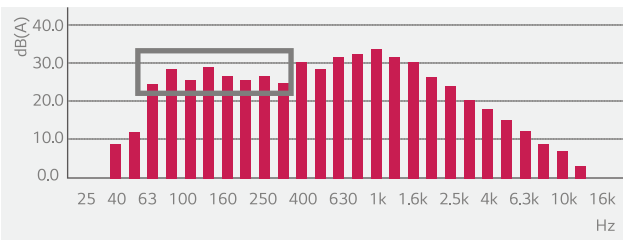
BLDC Fan Motor

It can reduce a noise at low frequencies.

AC Tap Motor



BLDC motor



Fresh Air Intake Unit

ARNU48GBRZ2 ARNU76GB8Z2 ARNU96GB8Z2



ARNU48GBRZ2



ARNU76GB8Z2



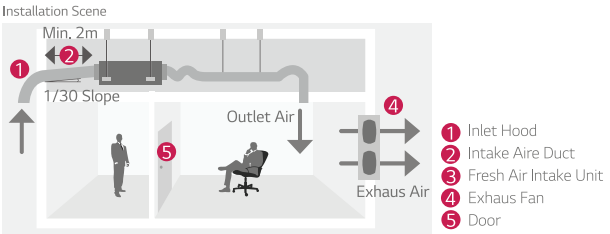
ARNU96GB8Z2

Model				ARNU48GBRZ2	ARNU76GB8Z2	ARNU96GB8Z2
Capacity	Cooling	Nom	kW	14.1	22.4	28.0
	Heating	Nom	kW	13.5	21.4	26.7
Power Input	Cooling	Nom	W	169	230	360
	Heating	Nom	W	169	230	360
Power Supply				1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate (High mode)	Cooling	H/M/L	m³/min	18.8 / 14.7 / 14.7	23.7 / 13.2 / 13.2	35.7 / 23.7 / 23.7
	Heating	H/M/L	m³/min	18.8 / 14.7 / 14.7	23.7 / 13.2 / 13.2	35.7 / 23.7 / 23.7
External Static Pressure				18(0.7)	22(0.86)	22(0.86)
High Mode - Factory Set				44 / 42 / 42	49 / 47 / 47	50 / 48 / 48
Dimensions				Body WxDxH mm	1,230 x 380 x 590	1,562 x 460 x 688
Net Weight				kg(lbs)	45(99)	73(161)
Piping Connection	Liquid		mm(inch)	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)
	Drain	I.D.	mm(inch)	25(31/32)	25(31/32)	25(31/32)
Fan motor output x Number				W	195 x 1	375 x 1

Note :

1. Capacities are based on the following conditions:



Cooling - Outdoor temp. 33°C(91.4°F)DB / 28°C(82.4°F)WB
IDU-ODU Piping Length : 7.5m
Level Difference of Zero
Heating - Outdoor temp. 0°C(32°F)DB / -2.9°C(26.78°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



CAUTION

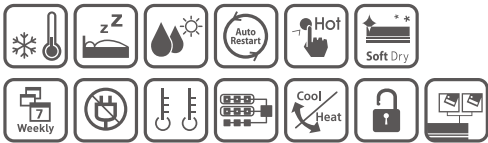
1. Operation range (Cooling : 5°C ~ 43°C, Heating : -5°C ~ 43°C)
2. Installation of exhaust fan is recommended for a sealed room.
3. Indoor Unit Connection

No	Connection Condition	Combination
1	Fresh Air Intake Units only are connected with outdoor units	1) The total capcity of Fresh Air Intak Unit should be 50~100% of outdoor unit.
		2) The max quantity of Fresh Air Intake is 2 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.

Wired Remote Controller	
Standard Type	Standard Type
	
PQRCVSLO	PQRCVSLQW

Ceiling & Floor

ARNU09GVEA2 ARNU12GVEA2



Model				ARNU09GVEA2	ARNU12GVEA2
Capacity	Cooling	Nom	kW	2.8	3.6
	Heating	Nom	kW	3.2	4.0
Power Input	Cooling	Nom	W	30	30
	Heating	Nom	W	30	30
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m³/min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.9
	Heating	H/M/L	m³/min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.9
Sound Pressure		H/M/L	dBA	36 / 32 / 28	38 / 36 / 30
Dimensions	Body	WxDxH	mm	900 x 490 x 200	900 x 490 x 200
Net Weight			kg(lbs)	13.7(30.2)	13.7(30.2)
	Liquid		mm(inch)	6.35(1/4)	6.35(1/4)
Piping Connection	Gas		mm(inch)	12.7(1/2)	12.7(1/2)
	Drain	I.D.	mm(inch)	16(5/8)	16(5/8)

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

Accessories

Model		ARNU09GVEA2	ARNU12GVEA2
Dry Contact	Without Case (1 Contact Point)	PQDSA	
	With Case (1 Contact Point)	PQDSB / PQDSB1	
	With Case (2 Contact Point)	PQDSBC	

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
 PQRCUDS0(white) PQRCUDSOB(blue) PQRCUDSOS(silver)	 PQRCVSL0	 PQRCVSL0QW	 PQRCVCL0Q (Black) PQRCVCL0QW (white)	 PQRCHCA0Q(Black) PQRCHCA0QW(White)	 PQWRHQ0FDB

Ceiling Suspended

URNU18GVJA2 URNU24GVJA2 URNU36GVKA2 URNU48GVLA2



Model				URNU18GVJA2	URNU24GVJA2	URNU36GVKA2	URNU48GVLA2
Capacity	Cooling	Nom	kW	5.6	7.1	10.6	14.1
	Heating	Nom	kW	6.3	8.0	11.9	15.9
Power Input	Cooling	Nom	W	63	63	140	190
	Heating	Nom	W	63	63	140	190
Power Supply			ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
Airflow Rate	Cooling	H/M/L	m³/min	16.0 / 14.0 /12.0	18.0 / 16.0 / 14.0	24.6 / 23 / 21.4	35 / 32 / 30
	Heating	H/M/L	m³/min	16.0 / 14.0 /12.0	18.0 / 16.0 / 14.0	24.6 / 23 / 21.4	35 / 32 / 30
Sound Pressure		H/M/L	dBA	42 / 40 / 37	43 / 41 / 39	48 / 46 / 44	49 / 48 / 47
Dimensions	Body	WxDxH	mm	950 x 650 x 220	950 x 650 x 220	1350 x 650 x 220	1750 x 650 x 220
Net Weight			kg(lbs)	24.6(54.2)	24.6(54.2)	35.0(77.2)	45.0(99.2)
Piping Connection	Liquid		mm(inch)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas		mm(inch)	12.7(1/2)	15.9(5/8)	15.9(5/8)	15.9(5/8)
	Drain	I.D.	mm(inch)	16(5/8)	16(5/8)	16(5/8)	16(5/8)

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

INDOOR UNITS



Accessories

Model		URNU18GVJA2	URNU24GVJA2	URNU36GVKA2	URNU48GVLA2
Dry Contact	Without Case (1 Contact Point)	PQDSA			
	With Case (1 Contact Point)	PQDSB / PQDSB1			
	With Case (2 Contact Point)	PQDSBC			

Wired Remote Controller					Wireless Remote Controller
Deluxe Type	Standard Type	Standard Type	Simple Type	Simple Type for Hotel	
 <div>PQRCUDSO(white) PQRCUDSOB(blue) PQRCUDSOS(silver)</div>	 <div>PQRCVSL0</div>	 <div>PQRCVSL0QW</div>	 <div>PQRCVCL0Q (Black) PQRCVCL0QW (white)</div>	 <div>PQRCHCA0Q(Black) PQRCHCA0QW(White)</div>	 <div>PQWRHQ0FDB</div>

FUNCTIONS

<div>  <div> <div>LG</div> <div>Life's Good</div> </div> </div>		Standard	4way Cassette	2 way Cassette	1 way Cassette	Low Static	High Static
							
NEO Plasma Air Purifying System		O	O	O	O		
Jet Cool		O	O	O	O		
Dehumidification		O	O	O	O	O	O
Hot Start (Heat pump only)		O	O	O	O	O	O
Child Lock Function (Wired remote controller only)		O	O	O	O	O	O
Soft Dry Operation Mode		O	O	O	O	O	O
Low Standby Power		O	O	O	O	O	O
Group Control (Wired remote controller only)		O	O	O	O	O	O
Auto Changeover (MULTI V Heat Recovery only)		O	O	O	O	O	O
Auto Clean		O		O	O		
Sleep Mode Auto Operation		O	O	O	O	O	O
Auto Restart		O	O	O	O	O	O
4-Way Air Deflection			O				
Swirl Swing			O	O			
Weekly Program (Wired remote controller only)		O	O	O	O	O	O
Two Thermistor Control (Wired remote controller only)		O	O	O	O	O	O
Changable Panel					O		
Second Remote Control		O	O	O	O	O	O

Ceiling & Floor	Ceiling Suspended
	
○	○
○	○
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○	INDOOR UNITS ○
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The air conditioners manufactured by LG have received ISO9001 certificate for quality assurance and ISO14001 certificate for environmental management system.