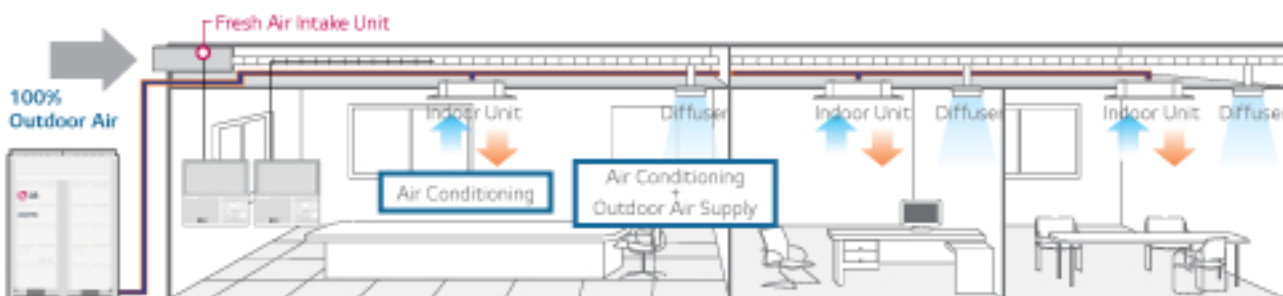


FRESH AIR INTAKE UNIT

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.

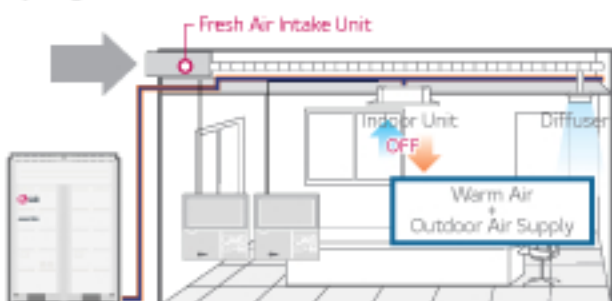


MULTI V IV Outdoor unit

Economic Operation

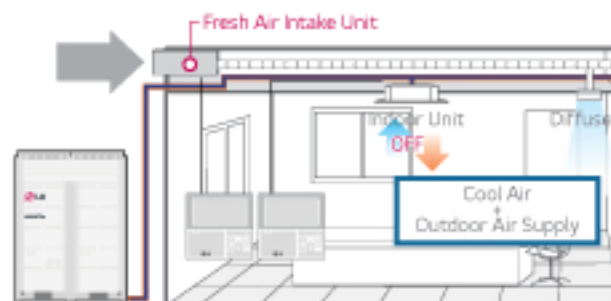
Using the free cooling and heating can save costs by blowing the natural outdoor air inside when the season change.

Spring Season



MULTI V IV Outdoor unit

Autumn Season

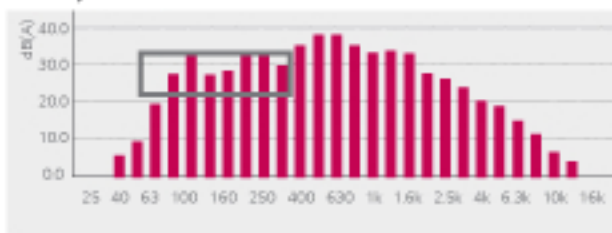


MULTI V IV Outdoor unit

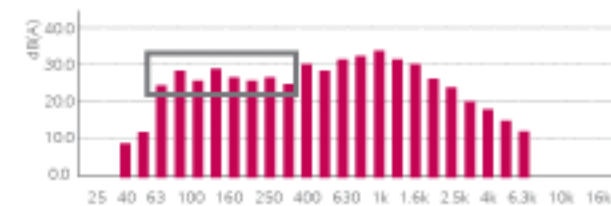
BLDC Fan Motor

It can reduce a noise at low frequencies.

AC Tap Motor



BLDC motor



FRESH AIR INTAKE UNIT

ARNU48GBRZ2 / ARNU76GB8Z2 / ARNU96GB8Z2



ARNU48GBRZ2



ARNU76GB8Z2



ARNU96GB8Z2

Model	Independent Unit		ARNU48GBRZ2	ARNU76GB8Z2	ARNU96GB8Z2
Capacity	Cooling	Nom. kW	14.1	22.4	28
	Heating	Nom. kW	13.5	21.4	26.7
Power Input	Cooling	Nom. W	1690	2300	3600
	Heating	Nom. W	1690	2300	3600
Power Supply			1 / 220-240 / 50, 60	1 / 220-240 / 50, 60	1 / 220-240 / 50, 60
Airflow Rate	Cooling	H/W/L m ³ /min	18.8/14.7/14.7	23.7/13.2/13.2	35.7/23.7/23.7
	Heating	H/W/L m ³ /min	18.8/14.7/14.7	23.7/13.2/13.2	35.7/23.7/23.7
Sound Pressure			44/42/42	49/47/47	50/48/48
Sound Power			65 / 63 / 62	69 / 67 / 67	70 / 68 / 68
Dimensions	Body	WxHxD mm	1,230 x 380 x 590	1,562 x 460 x 688	1,562 x 460 x 688
Net Weight		kg	45	73	73
	Liquid	mm	Ø9.52	Ø9.52	Ø9.52
Piping Connection	Gas	mm	Ø15.88	Ø19.05	Ø22.2
	Drain	ID mm	25	25	25
Fan Motor Output x Number			195 x 1	375 x 1	375 x 1

* This product contains Fluorinated Greenhouse Gases (R410A)

Note:

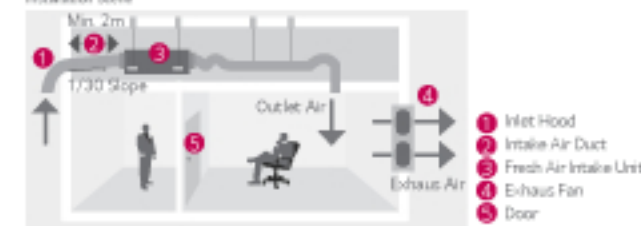
1. Capacities are based on the following conditions:

Cooling - Outdoor temp. 33°C(91.4°F)DB / 26°C(78.8°F)WB
 IDU-ODU Piping Length: 7.5m
 Level Difference of Zero
 Heating - Outdoor temp. 0°C(32°F)DB / -2.5°C(26.7°F)WB
 Interconnecting Piping Length: 7.5m
 Level Difference of Zero

2. Capacities are not capacities.

3. Noise Level is under standard model. For actual High Model (Factory set) condition, Noise Level may exceed the standard level by 1.5dB(A).

Installation Scene



4. Due to our policy of innovation scene specifications may be changed without prior notification. S.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 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.

Accessories

Model	ARNU48GBRZ2	ARNU76GB8Z2	ARNU96GB8Z2
Dry Contact	Simple (1 Contact point without case)	PQDSA	
	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					Wired Remote Controller
Premium	Standard	Simple	Simple for Hotel		
PREMTA000 PREMTA000A PREMTA000B	PQRCV5L0QW	PQRCU050	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCVCA0Q (Black) PQRCVCA0QW (White)	PQWRH00FDB