



Features & Benefits

- Modern design with V-shape and black vane
- Powerful air speed and volume can reach up to 15m

Key Applications

- Retail
- Restaurant
- Shop

CEILING		CEILING & FLOOR CONVERTIBLE	CEILING SUSPENDED
Smart	Wi-Fi	○	○
Fast Cooling & Heating	Jet Cool	○	○
Comfort	Sleep mode	○	○
	Timer (On / Off)	○	○
	Timer (Weekly)	○	○
	Two thermistor control	○	○
	Group control	○	○

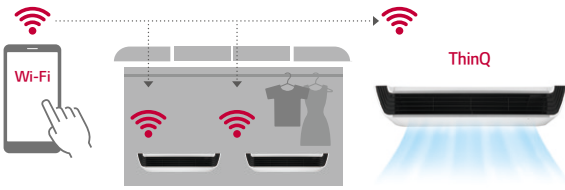
※ ○: Applied, - : Not applied

Wi-Fi Control

Access your air conditioner anytime and from anywhere.

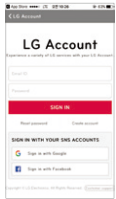
ThinQ

Search “ThinQ” on Google market or the App Store to download the app.



Easy Registration and Log-in

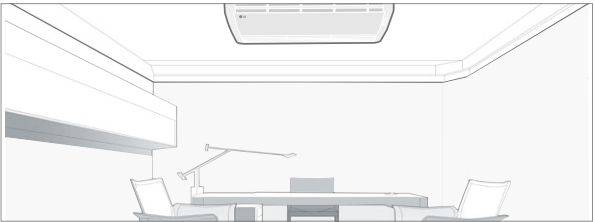
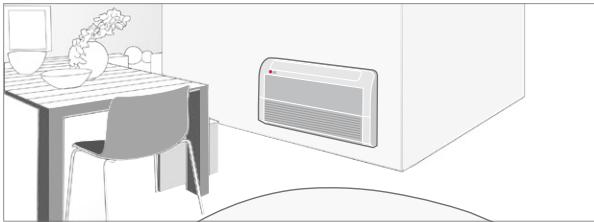
Follow the easy set-up steps that will activate ThinQ’s impressive feature.



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

Flexible

The ceiling and floor models can be installed either on the ceiling or on the floor.



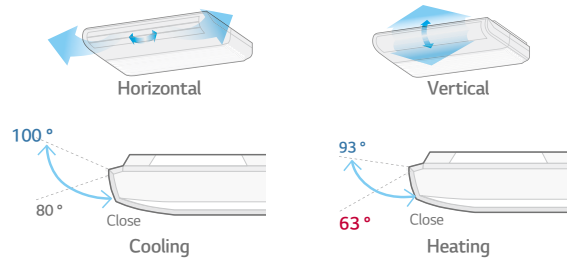
Filter Change Alarm

The filter change alarm informs you when the unit has been operating for 2,400 hours.



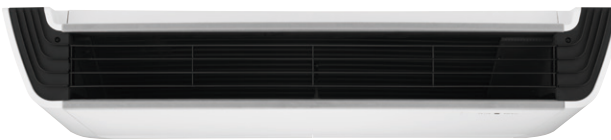
Air Flow Direction Control

Vertical air flow direction can be adjusted using remote controller, and horizontal air flow direction can be adjusted manually.



Differentiated Design

Modern elegance design with V-shape and black vane is appropriate for any commercial space. It received iF Design Award.



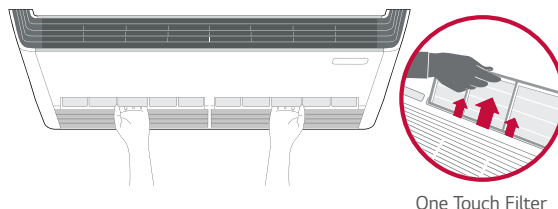
Powerful Cooling & Heating

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



One Touch & 2 Piece Filter

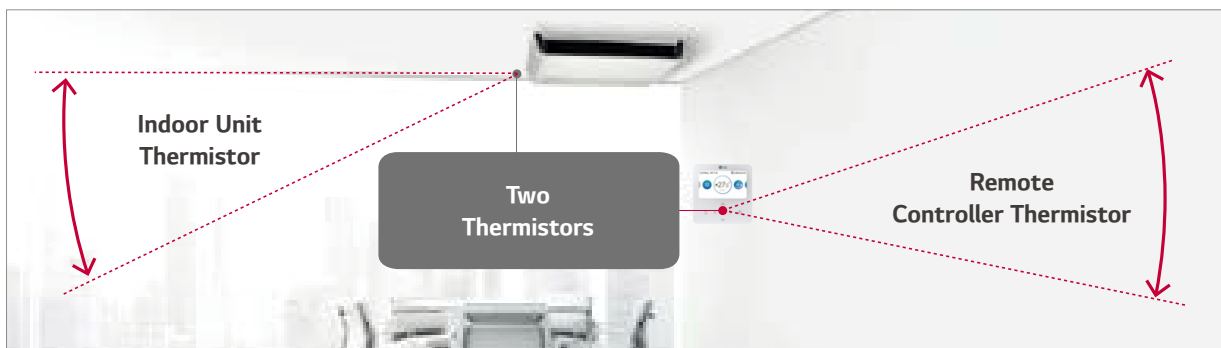
Easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.



One Touch Filter

Two Thermistors Control

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



ARNU09GVEA4 / ARNU12GVEA4



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

Note : 1. Performance tested under EN14511
2. Capacities are based on the following conditions
- Cooling : Indoor temp. 27℃ (80.6℉) DB / 19℃ (66.2℉) WB, Outdoor temp. 35℃ (95℉) DB / 24℃ (75.2℉) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20℃ (68℉) DB / 15℃ (59℉) WB, Outdoor temp. 7℃ (44.6℉) DB / 6℃ (42.8℉) WB, Interconnecting piping length 7.5m, Level difference of zero
3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

CHASSIS	ARNU09GVEA4	ARNU12GVEA4
Drain Pump	-	
Refrigerant Leakage Detector	PRLDNVS0	
EEV Kit	PRGK024A0	
Multi-tenant Power Module	PINPMB001	
Plasma Kit	-	
Robot Cleaner	-	
Pre Filter (Washable)	○	
Ion Generator	-	
CO ₂ Sensor	-	
Ventilation Kit	-	
IR Receiver	-	
Zone Controller	-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB320, PDRYCB400 (2 points input), PDRYCB500 (Modbus)	
External Input (1 point)	○	
Wi-Fi	PWFMD200 ¹⁾	

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

ARNU18GV1A4 / ARNU24GV1A4
ARNU36GV2A4 / ARNU48GV2A4



MODEL		UNIT	ARNU18GV1A4	ARNU24GV1A4	ARNU36GV2A4	ARNU48GV2A4
Cooling Capacity		kW	5.6	7.1	10.6	14.1
Heating Capacity		kW	6.3	8.0	11.9	15.9
Power Input (H / M / L)	Nominal	W	23 / 20 / 17	25 / 21 / 17	84 / 77 / 66	91 / 79 / 66
Exterior Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
RAL Code			RAL 9001	RAL 9001	RAL 9001	RAL 9001
Dimensions (W x H x D)	Body	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
	Shipping	mm	1,315 x 320 x 772	1,315 x 320 x 772	1,715 x 320 x 772	1,715 x 320 x 772
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	85.9 x 1	85.9 x 1	125 x 1	125 x 1
	Air Flow Rate (H / M / L)	m³/min	13.5 / 12.5 / 12.0	14.0 / 13.0 / 12.0	27.0 / 24.0 / 20.0	29.0 / 24.0 / 20.0
	Motor Type		BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16 (5/8)	Ø16 (5/8)	Ø16 (5/8)	Ø16 (5/8)
Weight	Body	kg	29.0	29.0	37.0	37.0
Sound Pressure Levels (H / M / L)		dB(A)	36 / 34 / 33	37 / 35 / 33	45 / 44 / 40.5	47 / 44 / 40.5
Sound Power Levels (H / M / L)		dB(A)	61 / 59 / 56	62 / 59 / 56	68 / 66 / 64	68 / 67 / 66
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Transmission Cable		mm² x cores	1.0 ~ 1.5 × 2C	1.0 ~ 1.5 × 2C	1.0 ~ 1.5 × 2C	1.0 ~ 1.5 × 2C

Note : 1. Performance tested under EN14511
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3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

CHASSIS	ARNU18GV1A4	ARNU24GV1A4	ARNU36GV2A4	ARNU48GV2A4
Drain Pump	-			
Cassette Cover	-			
Refrigerant Leakage Detector	PRLDNVS0			
EEV Kit	-			
Multi-tenant Power Module	PINPMB001			
Robot Cleaner	-			
Pre Filter (Washable)	○			
Ion Generator	-			
CO ₂ Sensor	-			
Ventilation Kit	-			
IR Receiver	-			
Zone Controller	-			
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB320, PDRYCB400 (2 points input), PDRYCB500 (Modbus)			
External Input (1 point)	○			
Wi-Fi	PWFMD200			

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

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

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

WIRED REMOTE CONTROLLER					CENTRALIZED CONTROLLER				
PREMIUM (PREMTA000 PREMTA000A PREMTA000B)	STANDARD III (PREMTB100) (PREMTB10)	STANDARD II (PREMTBB01) (PREMTB001)	SIMPLE		AC EZ (PQCSZ250S0)	AC EZ TOUCH (PACEZA000)	AC SMART 5 (PACSS5A000)	ACP 5 (PACP5A000)	AC MANAGER 5 (PACM5A000)
			SIMPLE FOR HOTEL (PQRCHCA0Q / QW)	SIMPLE (PQRCVCL0Q / QW)					
○	○	○	-	-	-	○	○	○	○
-	-	-	-	-	-	○	○	○	○
○	○	-	-	-	-	○	○	○	○
○	○	-	-	-	-	○	○	○	○
○	○	○	-	-	-	-	○	○	○
○	○	○	-	-	-	-	-	-	-
○	○	○	-	-	-	-	-	-	-
○	○	○	-	-	-	-	○	○	-
○	○	○	-	-	-	-	-	-	-
○ (4 step)	○ (4 step)	○ (3 step)	○ (3 step)	○ (3 step)	-	-	-	-	-
○	○	○	○	○	-	-	-	-	-
○	○	○	-	-	-	-	-	-	-
○	○	○	-	-	○	○	○	○	○
○	○	○	-	-	-	-	-	-	-
○	○	-	-	-	-	-	○	○	-
○	○	-	-	-	-	-	○	○	-
○	○	-	-	-	-	-	○	○	-
○	○	-	-	-	-	○	○	○	-

※ ○ : Applied, - : Not applied

Controller Product		Controller														
		Premium	Standard III	Standard II	Standard I	Simple	Simple for Hotel	Wireless	Dry Contact							
																
		PREMTA000 PREMTA000A PREMTA000B	PREMTBB10	PREMTB100	PREMTBB01	PREMTB001	PQRCVCLOQ	PQRCVCLOQW	PQRCHCA0Q	PQRCHCA0QW	PWLSSB21H (H/P)	Simple Dry Contact PDRYCB000	2 points Dry Contact PDRYCB400	Dry Contact for Thermostat PDRYCB320	For Modbus PDRYCB500	
4 Way		ARNU-A4 ARNU-B4	○	○		○		○		○	○	○	○	○	○	
	Ceiling Mounted Cassette		ARNU-B4 ARNU-C4	○	○	○		○		○	○	○	○	○	○	
	2 Way / 1 Way															
Round CST		ARNU-A4	○	○	○		○		○		○	○	○	○	○	
	High Sensible		ARNU-A4	○	○	○		○		○	△	○	○	○	○	
	Ceiling Concealed Duct		ARNU-A4	○	○	○		○		○	△	○	○	○	○	
High / Mid Statics		ARNU-G4	○	○	○		○		○		△	○	○	○	○	
	Low Statics															
	FAU (Fresh Air intake)		ARNU-Z4	○	○	○		○		○	△	○	○	○	○	
Convertible & Ceiling Suspended		ARNU-A4	○	○	○		○		○		○	○	○	○	○	
	Console		ARNU-A4	○	○	○		○		○	○	○	○	○	○	
	Floor Standing		ARNU-A4 ARNU-U4	○	○	○		○		○	○	○	○	○	○	
Wall Mounted		ARNU-A4	○	○	○		○		○		○	○	○	○	○	
	Energy Recovery Ventilator		ARNU-R4	○	○	○		○		○	○	○	○	○	○	
	Energy Recovery Ventilator with DX coil		ARNU-A4 ARNU-C4 ARNU-N4	○	○	○		○		○	○	○	○	○	○	
HYDRO KIT ¹⁾		ARNH-A4	-	-	-		-		-		-	○	-	○	-	
	Energy Recovery Ventilator		Energy Recovery Ventilator	○	○	○		-		-	-	○	-	-	○	
	Energy Recovery Ventilator with DX coil		Energy Recovery Ventilator with DX coil	○	○	○		-		-	-	○	-	-	○	
AHU Communication Kit			○	○	○		-		-		△	-	-	-	-	

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

Controller Name	Wired Remote Controller					Wireless Remote Controller	Wi-Fi Modem
	Premium	Standard III	Standard II	Simple	Simple (Hotel)		
Model Name							
	PREMTA000 PREMTA000A PREMTA000B	PREMTB100 PREMTBB10	PREMTB001 PREMTBB01	PQRCVCLOQ PQRCVCLOQW	PQRCHCA0Q PQRCHCA0QW	PWLSSB21H (H/P)	PWFMD200
Basic	On / Off	○	○	○	○	○	○
	Fan Speed Control	○	○	○	○	○	○
	Temperature Setting	○	○	○	○	○	○
	Mode Change	○	○	○	○	-	○
	Auto Swing	○	○	○	○	○	
	Vane Control (Louver Angle)	○	○	○	○	○	○
	E.S.P (External Static Pressure)	○	○	○	○	-	-
	Electric Failure Compensation	○	○	○	○	-	○
	Indoor Temperature Display	○	○	○	○	○	
	ALL Button Lock (Child Lock)	○	○	○	○	-	-
Advanced	Schedule / Timer	Weekly - Yearly	Weekly - Yearly	Weekly	-	-	Sleep / On / Off Weekly
	Additional Mode Setting ¹⁾	○	○	○	-	-	-
	Time Display	○	○	○	-	-	○
	Humid. Display	○	○	-	-	-	-
	Advanced Lock (mode, set point, set point range, on/off Lock)	Advanced Lock	Advanced Lock	-	-	-	-
	Filter Sign	○	○	○	-	-	-
	Energy Management ²⁾	○	○	○	-	-	-
	Dual Set Point	○	○	-	-	-	-
	Human Detection	-	○	-	-	-	-
	Temp, Humidity Compensation	○	○	-	-	-	-
ETC	Wi-Fi AP mode setting	○	○	○	○	○	-
	Operation Status LED	○	○	○	○	○	-
	Wireless Remote Controller Receiver	○ ³⁾	-	○ ³⁾	○ ³⁾	○ ³⁾	-
	Display	5 inch Color	4.3 inch Color	4.3 inch mono	2.6 inch mono	2.6 inch mono	2 inch mono
	Size (W x H x D, mm)	137 x 121 x 16.5	120 x 120 x 16	120 x 121 x 16	70 x 121 x 16	70 x 121 x 16	51 x 153 x 26
	Black Control for Screen Saver	○	○	-	-	-	-

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