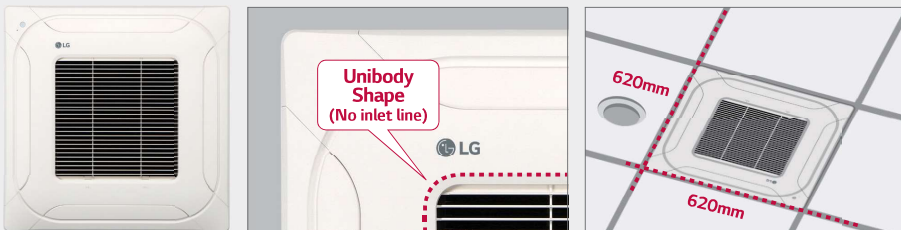


CEILING MOUNTED CASSETTE (4 WAY)

NEW

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



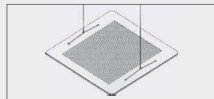
Auto Elevation Grille

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

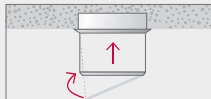
Easy filter cleaning with elevation grill.



4-Point Support Structure



Auto Leveling



Memory for User's Level



Auto Stop Detection



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

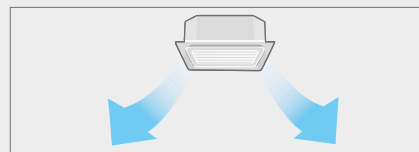
* Except ARNU05GTRC4, ARNU07GTRC4, ARNU09GTRC4, ARNU12GTRC4, ARNU15GTQC4, ARNU18GTQC4, ARNU21GTQC4

* Applied to Cassette panel PT-UMC1

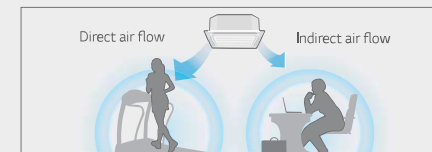
Independent Vane Control

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

All Vane Operation

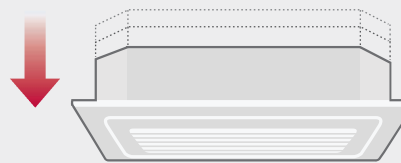


Independent Vane Control



Compact Size

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

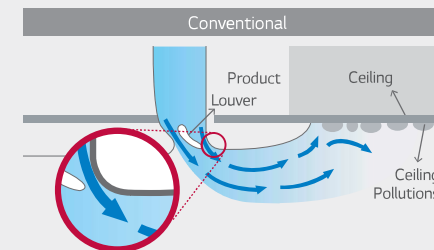
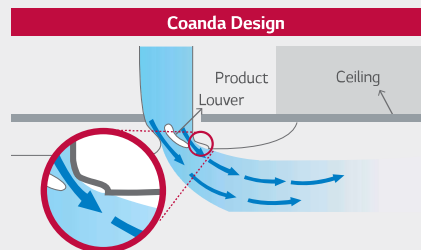


Length width : 840 x 840mm

Capacity	Height
7.1 - 9.0kW	204mm
10.5kW	246mm
12.3 - 15.8kW	288mm

Prevent Ceiling Pollution

Coanda design of air outlet can prevent contamination of ceiling.



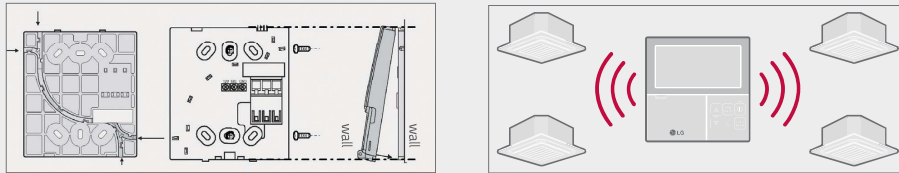
CEILING MOUNTED CASSETTE (4 WAY / 2 WAY)

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.

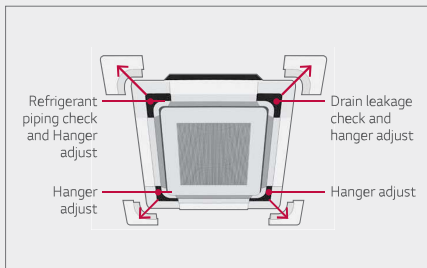
Easy & Solid Attachment to the Wall



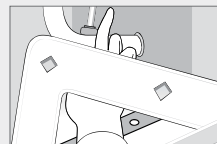
Convenient Panel Installation

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



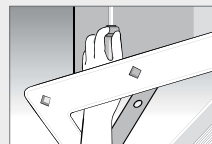
Drain leakage check



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

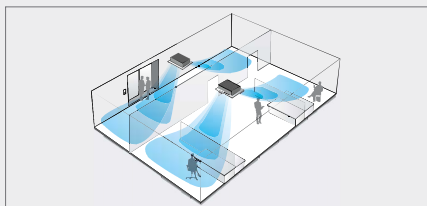


Hanger adjust



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.

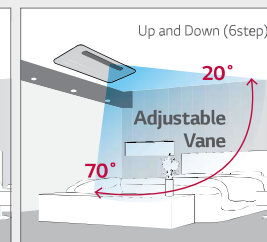
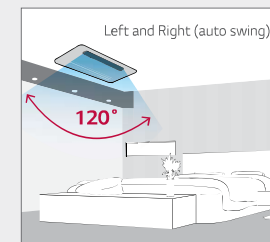


CEILING MOUNTED CASSETTE (1 WAY)

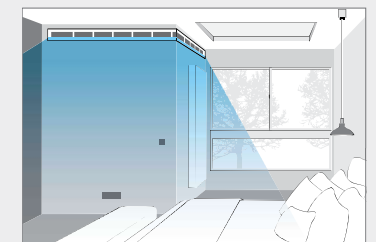
6-Step Vane Control

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

Moving Air Flow_1way cassette



Fixed Air Flow_Duct system



Minimized Height

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

Size Comparison

	LG	A company	B company
1way cassette	132	215	230
Duct	190	200	200

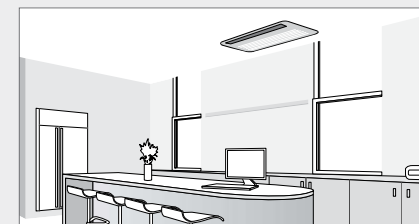
Unit : mm



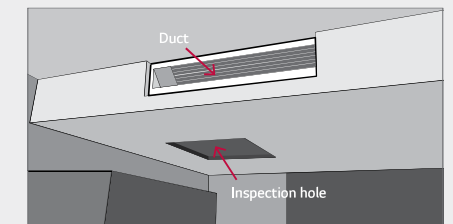
Flexible Installation

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

1Way cassette



Duct



4 WAY CASSETTE (570x570)

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



NEW

Model	Independent Unit		ARNU05G C4	ARNU07G C4	ARNU09G C4	ARNU12G C4	ARNU15G C4	ARNU18G C4	ARNU21G C4	
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 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	9,52	
	Gas		mm	12,7	12,7	12,7	12,7	12,7	15,88	
	Drain	LD	mm	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	
	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)	
	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	
	Weight		kg	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	
	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)	
	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	
	Weight		kg	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. LD: Internal Diameter

Accessories

Model	ARNU05G C4	ARNU07G C4	ARNU09G C4	ARNU12G C4	ARNU15G C4	ARNU18G C4	ARNU21G C4
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 II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTB001 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCCHA0Q (Black) PQRCCHA0QW (White)	PQWRHQFDB

4 WAY CASSETTE (840x840)

ARNU24GTPC4 / ARNU28GTPC4 / ARNU30GTPC4 / ARNU36GTNC4
ARNU42GTM C4 / ARNU48GTM C4 / ARNU54GTM C4



NEW

Model	Independent Unit		ARNU24G C4	ARNU28G C4	ARNU30G C4	ARNU36G C4	ARNU42G C4	ARNU48G C4	ARNU54G C4	
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	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	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	
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	
	Gas		mm	15,88	15,88	15,88	15,88	15,88	15,88	
	Drain	LD	mm	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	
	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)	
	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	
	Weight		kg	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. LD: Internal Diameter

Accessories

Model	ARNU24G C4	ARNU28G C4	ARNU30G C4	ARNU36G C4	ARNU42G C4	ARNU48G C4	ARNU54G C4
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-UMC1						
Auto Elevation Grille	PTEGM0						
Ventilation Kit	PTVK410 / PTVK420 / PTVK430						

Wired Remote Controller					Wireless Remote Controller
Premium	Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTB001 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCCHA0Q (Black) PQRCCHA0QW (White)	PQWRHQFDB

2 WAY CASSETTE



ARNU09G**TLC4** / ARNU12G**TLC4**
ARNU18G**TLC4** / ARNU24G**TLC4**

Model	Independent Unit		ARNU09G C4	ARNU12G C4	ARNU18G C4	ARNU24G C4	
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	9.0 / 8.0 / 7.0	10.0 / 9.0 / 8.0	13.0 / 12.0 / 10.0	17.0 / 15.0 / 13.0	
	Heating	H / M / L m ³ / min	9.0 / 8.0 / 7.0	10.0 / 9.0 / 8.0	13.0 / 12.0 / 10.0	17.0 / 15.0 / 13.0	
Sound Pressure	H / M / L dBA		36 / 34 / 32	38 / 36 / 32	40 / 36 / 32	42 / 38 / 34	
Sound Power	H / M / L dBA		55 / 53 / 51	58 / 55 / 51	59 / 55 / 51	61 / 58 / 53	
Dimensions	Body	W x H x D mm	830 x 225 x 550	830 x 225 x 550	830 x 225 x 550	830 x 225 x 550	
Net Weight			kg	20.6	20.6	20.6	
Piping Connection	Liquid	mm		6.35	6.35	9.52	
	Gas	mm		12.7	12.7	15.88	
	Drain	I.D	mm	25.0	25.0	25.0	
	Model			PT-HLC	PT-HLC	PT-HLC	PT-HLC
Decoration Panel	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	1,050 x 28 x 640	1,050 x 28 x 640	1,050 x 28 x 640	1,050 x 28 x 640	
	Weight	kg		4.0	4.0	4.0	

* 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	ARNU09G C4	ARNU12G C4	ARNU18G C4	ARNU24G C4
Dry Contact	Simple (1 Contact point with case)			
	2 Contact point			
	For Thermostat (On-Off / Mode / Fan speed)			
	Modbus Communication			
Front Panel	PT-HLC			
EEV Kit for MULTI V indoor	PRGK024A0			

Wired Remote Controller					Wireless Remote Controller
Premium	Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTB001 (Black)	PQRCHCAOQ (Black) PQRCHCAOQW (White)	PQRCHCAOQ (Black) PQRCHCAOQW (White)	PQWRHQFDB

1 WAY CASSETTE



ARNU07G**TUC4** / ARNU09G**TUC4** / ARNU12G**TUC4**
ARNU18G**TTC4** / ARNU24G**TTC4**

Model	Independent Unit		ARNU07G C4	ARNU09G C4	ARNU12G C4	ARNU18G C4	ARNU24G C4	
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	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	
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 dBA		32 / 29 / 25	35 / 34 / 32	38 / 35 / 32	40 / 37 / 35	43 / 40 / 36	
Sound Power	H / M / L dBA		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	15.6	15.6	
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-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	ARNU07G C4	ARNU09G C4	ARNU12G C4	ARNU18G C4	ARNU24G C4
Dry Contact	Simple (1 Contact point with case)				
	2 Contact point				
	For Thermostat (On-Off / Mode / Fan speed)				
	Modbus Communication				
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 II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTB001 (Black)	PQRCHCAOQ (Black) PQRCHCAOQW (White)	PQRCHCAOQ (Black) PQRCHCAOQW (White)	PQWRHQFDB