

CEILING MOUNTED CASSETTE



Features & Benefits

- New dual vane 4 way cassette allows comfortable air flow.
- Full 3D Turbo fan decreases air resistance, providing high air flow and low sound levels.

Key Applications

- Retail
- School
- Office
- Hotel
- Dormitory
- Restaurant

	Cassette	4 Way	2 Way	1 Way
Smart	Wi-Fi	○	○	○
Energy Efficiency	Human Detect Sensor	○	-	-
	Drain Pump	○	○	○
	Sleep Mode	○	○	○
Comfort	Timer (On / Off)	○	○	○
	Timer (Weekly)	○	○	○
	Two Thermistor Control	○	○	○
	Group Control	○	○	○



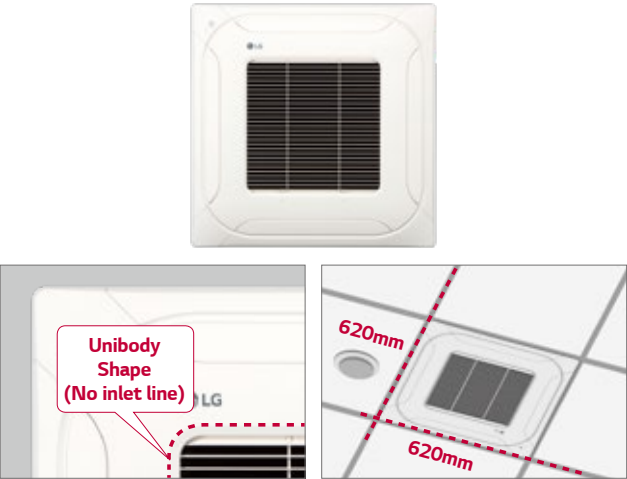
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COMPACT SIZE AND STYLISH DESIGN

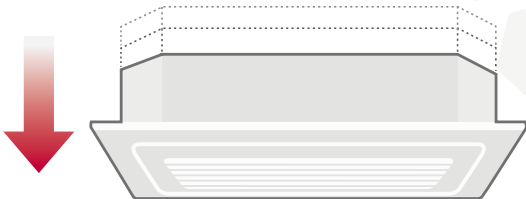
Compact and Stylish Design

- New 4 way cassette panel adapted unibody shape and matching with into the ceiling
- Panel size is fit into the ceiling tile



Compact Size

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

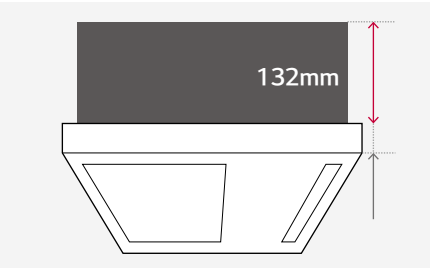


Capacity	Height
7.1 ~ 9.0kW	204mm
10.6kW	246mm
12.3 ~ 15.8kW	288mm

* Length width : 840 x 840mm

Minimized Height

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



Size Comparison (Unit : mm)

	A Company	B Company	LG
1 Way Cassette	215	230	132

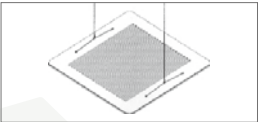
CONVENIENCE

Auto Elevation Grille

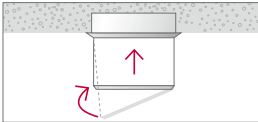
Easy filter cleaning with elevation grill.



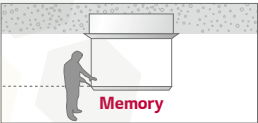
4-Point Support Structure



Auto Leveling



Memory for User's Level



Auto Stop Detection



※ Operating with wired remote controller (Model Name : PREMTB001,PREMTBB01) and wireless remote controller included in PTEGM0.
※ Except ARNU05GTRC4, ARNU07GTRC4, ARNU09GTRC4, ARNU12GTRC4, ARNU15GTQC4, ARNU18GTQC4, ARNU21GTQC4
※ Applied to Cassette panel PT-UMC1

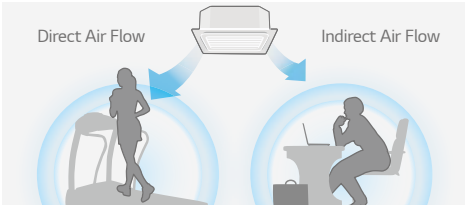
Independent Vane Control

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

All Vane Operation



Independent Vane Control



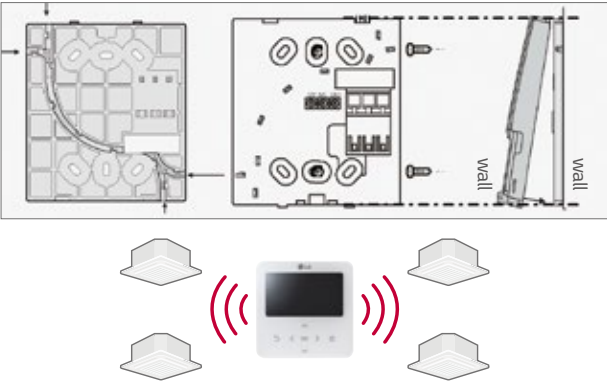
CONVENIENCE

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.

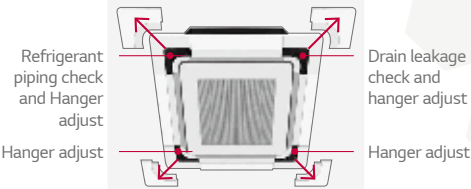
Easy & Solid Attachment to the Wall



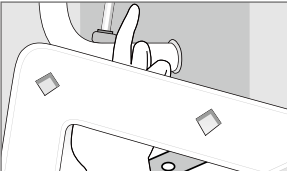
Convenient Panel Installation

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

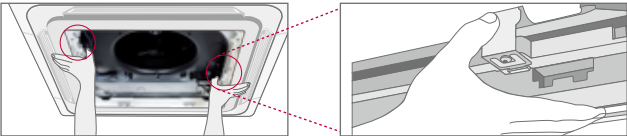
Detachable Corner Design



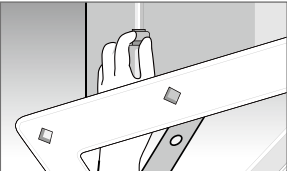
Drain leakage check



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

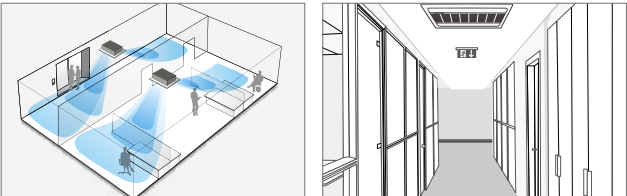


Hanger adjust



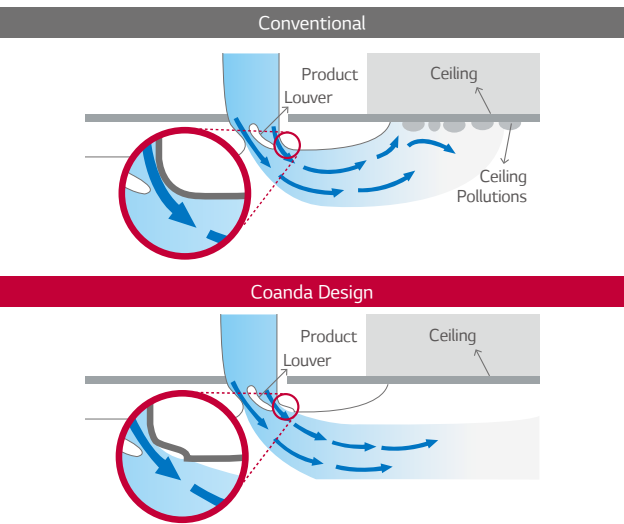
2 Way air flow without temperature variation

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



Prevent Ceiling Pollution

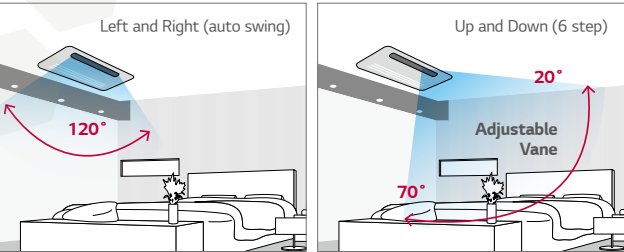
Coanda design of air outlet can prevent contamination of ceiling.



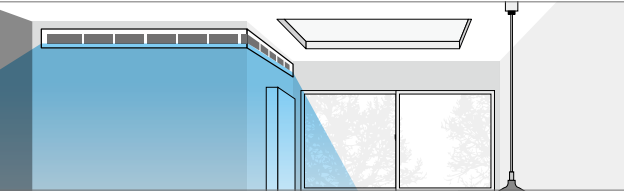
6-Step Vane Control

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

Moving Air Flow 1 Way cassette



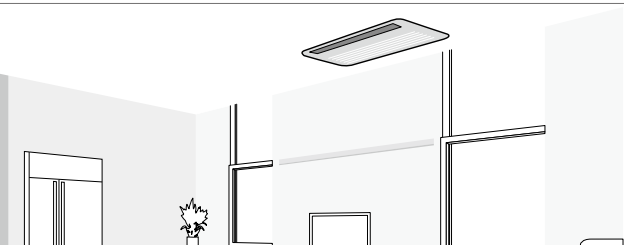
Fixed Air Flow Duct system



Flexible Installation

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

1 Way cassette



4 WAY CASSETTE (570 X 570)

ARNU05GTRB4 / ARNU07GTRB4
ARNU09GTRB4 / ARNU12GTRB4



Model	Unit	ARNU05GTRB4	ARNU07GTRB4	ARNU09GTRB4	ARNU12GTRB4
Cooling Capacity	kW	1.6	2.2	2.8	3.6
Heating Capacity	kW	1.8	2.5	3.2	4.0
Power Input (H / M / L)	Nominal	W	13 / 12 / 11	13 / 12 / 11	14 / 13 / 12
Dimensions (W x H x D)	Body	mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570
	Shipping	mm	667 x 285 x 646	667 x 285 x 646	667 x 285 x 646
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	43 x 1	43 x 1	43 x 1
	Air Flow Rate (H / M / L)	m³/min	7.5 / 7.0 / 6.6	7.5 / 7.0 / 6.6	8.0 / 7.5 / 7.1
	Motor Type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	12.6	12.6	13.7
Sound Pressure Levels (H / M / L)		dB(A)	29 / 27 / 26	29 / 27 / 26	30 / 29 / 27
Sound Power Levels (H / M / L)		dB(A)	45 / 43 / 42	45 / 43 / 42	46 / 43 / 42
Power Supply		Ø, V, Hz	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	700 x 22 x700 620 x 34 x 620	700 x 22 x700 620 x 34 x 620	700 x 22 x700 620 x 34 x 620
	Net Weight	kg	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0

Note : 1. Performance tested under EN14511
2. 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
3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	ARNU05GTRB4	ARNU07GTRB4	ARNU09GTRB4	ARNU12GTRB4
Drain Pump			○	
Cassette Cover			PTDCQ	
Refrigerant Leakage Detector			PRLDNV50	
EEV Kit			PRGK024A0 (-4.5kW)	
Independent Power Module			PRIP0	
Robot Cleaner			-	
Pre Filter (Washable)			○	
Ion Generator			-	
CO ₂ Sensor			-	
Ventilation Kit			PTVK430	
IR Receiver			-	
Zone Controller			-	
Dry Contact (with additional accessory)			PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB500 (Modbus)	
External Input (1 point)			○	
Wi-Fi			PWFMDD200	

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

4 WAY CASSETTE (570 X 570)

ARNU15GTQB4 / ARNU18GTQB4
ARNU21GTQB4



Model		Unit	ARNU15GTQB4	ARNU18GTQB4	ARNU21GTQB4
Cooling Capacity		kW	4.5	5.6	6.0
Heating Capacity		kW	5.0	6.3	6.8
Power Input (H / M / L)	Nominal	W	24 / 21 / 18	25 / 22 / 19	28 / 23 / 20
Dimensions (W x H x D)	Body	mm	570 x 256 x 570	570 x 256 x 570	570 x 256 x 570
	Shipping	mm	667 x 327 x 646	667 x 327 x 646	667 x 327 x 646
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	43 x 1	43 x 1	43 x 1
	Air Flow Rate (H / M / L)	m³/min	11.0 / 10.0 / 9.3	11.2 / 11.0 / 10.0	12.0 / 11.1 / 9.4
	Motor Type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	15.0	15.0	15.0
Sound Pressure Levels (H / M / L)		dB(A)	36 / 34 / 32	37 / 35 / 34	40 / 38 / 34
Sound Power Levels (H / M / L)		dB(A)	50 / 48 / 46	51 / 50 / 46	53 / 51 / 46
Power Supply		Ø, V, Hz	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UQC PT-QCHW0	PT-UQC PT-QCHW0	PT-UQC PT-QCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700
			620 x 34 x 620	620 x 34 x 620	620 x 34 x 620
	Net Weight	kg	3.0 / 3.0	3.0 / 3.0	3.0 / 3.0

Note : 1. Performance tested under EN14511
2. 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
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Accessories

Chassis	ARNU15GTQB4	ARNU18GTQB4	ARNU21GTQB4
Drain Pump		○	
Cassette Cover		PTDCQ	
Refrigerant Leakage Detector		PRLDNVSO	
EEV Kit		PRGK024A0 (-4.5kW)	
Independent Power Module		PRIP0	
Robot Cleaner		-	
Pre Filter (Washable)		○	
Ion Generator		-	
CO ₂ Sensor		-	
Ventilation Kit		PTVK430	
IR Receiver		-	
Zone Controller		-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB500 (Modbus)		
External Input (1 point)		○	
Wi-Fi		PWFMD200	

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

4 WAY CASSETTE (840 X 840)

ARNU24GTPC4 / ARNU28GTPC4
ARNU30GTPC4 / ARNU36GTNC4



Model		Unit	ARNU24GTPC4	ARNU28GTPC4	ARNU30GTPC4	ARNU36GTNC4
Cooling Capacity		kW	7.1	8.2	9.0	10.6
Heating Capacity		kW	8.0	9.2	10.0	11.9
Power Input (H / M / L)	Nominal	W	31 / 26 / 23	40 / 31 / 25	40 / 34 / 27	70 / 53 / 43
Dimensions (W x H x D)	Body	mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840
	Shipping	mm	922 x 276 x 917	922 x 276 x 917	922 x 276 x 917	922 x 318 x 917
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	30 x 1	30 x 1	30 x 1	135 x 1
	Air Flow Rate (H / M / L)	m³/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
	Motor Type		BLDC	BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	20.8	20.8	20.8	23.5
Sound Pressure Levels (H / M / L)		dB(A)	36 / 34 / 31	39 / 35 / 33	40 / 36 / 33	43 / 40 / 37
Sound Power Levels (H / M / L)		dB(A)	46 / 44 / 43	52 / 46 / 44	58 / 57 / 54	56 / 53 / 51
Power Supply		Ø, V, Hz	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001
	Net 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 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Net Weight	kg	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3

Note : 1. Performance tested under EN14511
2. 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
3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	ARNU24GTPC4	ARNU28GTPC4	ARNU30GTPC4	ARNU36GTNC4
Drain Pump			○	
Cassette Cover			PTDCM	
Refrigerant Leakage Detector			PRLDNVSO	
EEV Kit			-	
Independent Power Module			PRIP0	
Robot Cleaner			-	
Pre Filter (Washable)			○	
Ion Generator			-	
CO ₂ Sensor			-	
Ventilation Kit			PTVK430	
IR Receiver			-	
Zone Controller			-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB502 (Modbus)			
External Input (1 point)			○	
Wi-Fi			PWFMD200	

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

4 WAY CASSETTE (840 X 840)

ARNU42GTMC4 / ARNU48GTMC4
ARNU54GTMC4



Model		Unit	ARNU42GTMC4	ARNU48GTMC4	ARNU54GTMC4
Cooling Capacity		kW	12.3	14.1	15.8
Heating Capacity		kW	13.8	15.9	18
Power Input (H / M / L)	Nominal	W	104 / 75 / 53	120 / 80 / 62	135 / 93 / 70
Dimensions (W x H x D)	Body	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Shipping	mm	922 x 360 x 917	922 x 360 x 917	922 x 360 x 917
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	135 x 1	135 x 1	135 x 1
	Air Flow Rate (H / M / L)	m³/min	30.0 / 27.0 / 24.0	31.0 / 29.0 / 27.0	34.0 / 32.0 / 27.0
	Motor Type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	25.6	25.6	26.5
Sound Pressure Levels (H / M / L)		dB(A)	44 / 41 / 38	46 / 43 / 41	50 / 48 / 44
Sound Power Levels (H / M / L)		dB(A)	58 / 55 / 50	60 / 56 / 55	60 / 58 / 55
Power Supply		Ø, V, Hz	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0	PT-UMC1 PT-MCHW0
	Exterior Color		Morning Fog	Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950	950 x 25 x 950 950 x 35 x 950
	Net Weight	kg	5.0 / 6.3	5.0 / 6.3	5.0 / 6.3

Note : 1. Performance tested under EN14511
2. 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
3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	ARNU42CTMC4	ARNU48GTMC4	ARNU54GTMC4
Drain Pump		○	
Cassette Cover		PTDCM	
Refrigerant Leakage Detector		PRLDNVS0	
EEV Kit		-	
Independent Power Module		PRIP0	
Robot Cleaner		-	
Pre Filter (Washable)		○	
Ion Generator		-	
CO ₂ Sensor		-	
Ventilation Kit		PTVK430	
IR Receiver		-	
Zone Controller		-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB502 (Modbus)		
External Input (1 point)		○	
Wi-Fi		PWFMDD200	

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

2 WAY CASSETTE

ARNU09GTSC4 / ARNU12GTSC4



Model		Unit	ARNU09GTSC4	ARNU12GTSC4
Cooling Capacity		kW	2.8	3.6
Heating Capacity		kW	3.2	4.0
Power Input (H / M / L)	Nominal	W	16 / 14 / 11	18 / 14 / 11
Dimensions (W x H x D)	Body	mm	830 x 225 x 600	830 x 225 x 600
	Shipping	mm	1,055 x 290 x 682	1,055 x 290 x 682
Fan	Type		Turbo Fan	Turbo Fan
	Motor Output x Number	W x No.	37 x 1	37 x 1
	Air Flow Rate (H / M / L)	m³/min	10.8 / 9.8 / 9.1	11.1 / 10.3 / 9.1
	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)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	18.1	18.1
Sound Pressure Levels (H / M / L)		dB(A)	33 / 31 / 29	34 / 32 / 29
Sound Power Levels (H / M / L)		dB(A)	42 / 40 / 38	43 / 41 / 39
Power Supply		Ø, V, Hz	1, 220-240, 50/60	1, 220-240, 50/60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-USC	PT-USC
	Exterior Color		Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	1,100 x 28 x 690	1,100 x 28 x 690
	Net Weight	kg	4.7	4.7

Note : 1. Performance tested under EN14511
2. 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
3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	ARNU09GTSC4	ARNU12GTSC4
Drain Pump		○
Cassette Cover		-
Refrigerant Leakage Detector		PRLDNVS0
EEV Kit		PRGK024A0 (-5.6kW)
Independent Power Module		PRIP0
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), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB500 (Modbus)	
External Input (1 point)		○
Wi-Fi		PWFMDD200

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

2 WAY CASSETTE

ARNU18GTSC4 / ARNU24GTSC4



Model		Unit	ARNU18GTSC4	ARNU24GTSC4
Cooling Capacity		kW	5.6	7.1
Heating Capacity		kW	6.3	8.0
Power Input (H / M / L)	Nominal	W	19 / 16 / 14	31 / 22 / 14
Dimensions (W x H x D)	Body	mm	830 x 225 x 600	830 x 225 x 600
	Shipping	mm	1,055 x 290 x 682	1,055 x 290 x 682
Fan	Type		Turbo Fan	Turbo Fan
	Motor Output x Number	W x No.	37 x 1	37 x 1
	Air Flow Rate (H / M / L)	m³/min	11.8 / 10.8 / 9.8	14.5 / 12.4 / 10.3
	Motor Type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	18.1	18.1
Sound Pressure Levels (H / M / L)		dB(A)	35 / 33 / 31	40 / 37 / 33
Sound Power Levels (H / M / L)		dB(A)	44 / 42 / 40	48 / 45 / 40
Power Supply		Ø, V, Hz	1, 220-240, 50/60	1, 220-240, 50/60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-USC	PT-USC
	Exterior Color		Morning Fog	Morning Fog
	RAL Code		RAL 9001	RAL 9001
	Net Dimensions (W x H x D)	mm	1,100 x 28 x 690	1,100 x 28 x 690
	Net Weight	kg	4.7	4.7

Note : 1. Performance tested under EN14511
2. Capacities are based on the following conditions
- Cooling : Indoor temp. 27℃ (80.6°F) DB / 19℃ (66.2°F) WB, Outdoor temp. 35℃ (95°F) DB / 24℃ (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20℃ (68°F) DB / 15℃ (59°F) WB, Outdoor temp. 7℃ (44.6°F) DB / 6℃ (42.8°F) 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	ARNU18GTSC4	ARNU24GTSC4
Drain Pump		○
Cassette Cover		-
Refrigerant Leakage Detector		PRLDNVS0
EEV Kit		PRGK024A0 (~5.6kW)
Independent Power Module		PRIP0
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), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)		○
Wi-Fi		PWFMD200

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

1 WAY CASSETTE

ARNU07GTUB4 / ARNU09GTUB4
ARNU12GTUB4



Model		Unit	ARNU07GTUB4	ARNU09GTUB4	ARNU12GTUB4
Cooling Capacity		kW	2.2	2.8	3.6
Heating Capacity		kW	2.5	3.2	4.0
Power Input (H / M / L)	Nominal	W	20 / 18 / 16	22 / 20 / 18	24 / 22 / 20
Dimensions (W x H x D)	Body	mm	860 x 132 x 450	860 x 132 x 450	860 x 132 x 450
	Shipping	mm	1,129 x 259 x 538	1,129 x 259 x 538	1,129 x 259 x 538
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	30 x 1	30 x 1	30 x 1
	Air Flow Rate (H / M / L)	m³/min	8.2 / 7.3 / 6.4	9.2 / 8.6 / 8.2	10.0 / 9.2 / 8.2
	Motor Type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	13.6	13.6	13.6
Sound Pressure Levels (H / M / L)		dB(A)	32 / 29 / 25	35 / 34 / 32	38 / 35 / 32
Sound Power Levels (H / M / L)		dB(A)	47 / 44 / 41	50 / 48 / 47	52 / 50 / 47
Power Supply		Ø, V, Hz	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UUC (Grill), PT-UUD (Panel)	PT-UUC (Grill), PT-UUD (Panel)	PT-UUC (Grill), PT-UUD (Panel)
	Exterior Color		Noble White	Noble White	Noble White
	RAL Code		RAL 9003	RAL 9003	RAL 9003
	Net 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
	Net Weight	kg	4.6 / 4.6	4.6 / 4.6	4.6 / 4.6

Note : 1. Performance tested under EN14511
2. Capacities are based on the following conditions
- Cooling : Indoor temp. 27℃ (80.6°F) DB / 19℃ (66.2°F) WB, Outdoor temp. 35℃ (95°F) DB / 24℃ (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20℃ (68°F) DB / 15℃ (59°F) WB, Outdoor temp. 7℃ (44.6°F) DB / 6℃ (42.8°F) 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	ARNU07GTUB4	ARNU09GTUB4	ARNU12GTUB4
Drain Pump		○	
Cassette Cover		-	
Refrigerant Leakage Detector		PRLDNVS0	
EEV Kit		PRGK024A0	
Independent Power Module		PRIP0	
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), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB500 (Modbus)	
External Input (1 point)		○	
Wi-Fi		PWFMD200	

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

1 WAY CASSETTE

ARNU18GTTB4 / ARNU24GTTB4



Model		Unit	ARNU18GTTB4	ARNU24GTTB4
Cooling Capacity		kW	5.6	7.1
Heating Capacity		kW	6.3	7.1
Power Input (H / M / L)	Nominal	W	38 / 28 / 24	51 / 33 / 26
Dimensions (W x H x D)	Body	mm	1,180 x 132 x 450	1,180 x 132 x 450
	Shipping	mm	1,499 x 259 x 538	1,499 x 259 x 538
Fan	Type		Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	30 x 1	30 x 1
	Air Flow Rate (H / M / L)	m³/min	13.3 / 12.1 / 10.9	14.6 / 13.3 / 11.5
	Motor Type		BLDC	BLDC
Air Filter			Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	15.6	15.6
Sound Pressure Levels (H / M / L)		dB(A)	40 / 37 / 35	43 / 40 / 36
Sound Power Levels (H / M / L)		dB(A)	56 / 51 / 48	59 / 53 / 50
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-UTC (Grill), PT-UTD (Panel)	PT-UTC (Grill), PT-UTD (Panel)
	Exterior Color		Noble White	Noble White
	RAL Code		RAL 9003	RAL 9003
	Net Dimensions (W x H x D)	mm	1,420 x 34 x 500	1,420 x 34 x 500
	Net Weight	kg	5.5 / 5.5	5.5 / 5.5

Note : 1. Performance tested under EN14511
2. 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
3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	ARNU18GTTB4	ARNU24GTTB4
Drain Pump		○
Cassette Cover		-
Refrigerant Leakage Detector		PRLDNVSO
EEV Kit		-
Independent Power Module		PRIP0
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), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)		○
Wi-Fi		PWFMD200

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

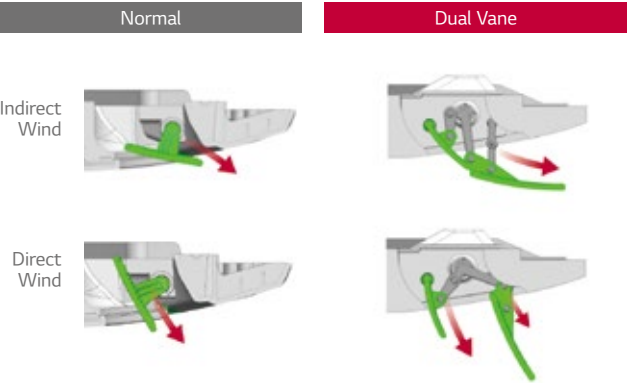
NEW DESIGN

4 Way Air Flow with New Design

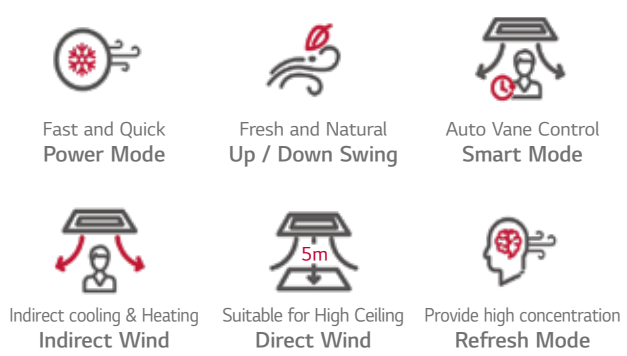
New Excellent Technology (NET) certifies new 4 way dual vane design that promotes comfortable and convenient airflow.



*New types wind

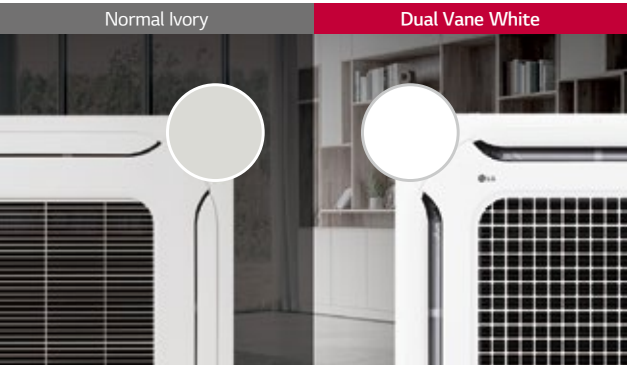


*6 Airflows mode



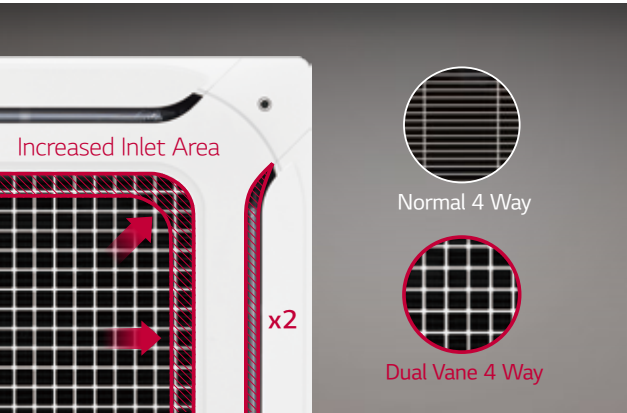
Brighter Color

Color enhancement allows cassette to blend in to most interior ceiling spaces.



Wide Design

Bigger inlet and outlet make faster cooling / heating airflow.



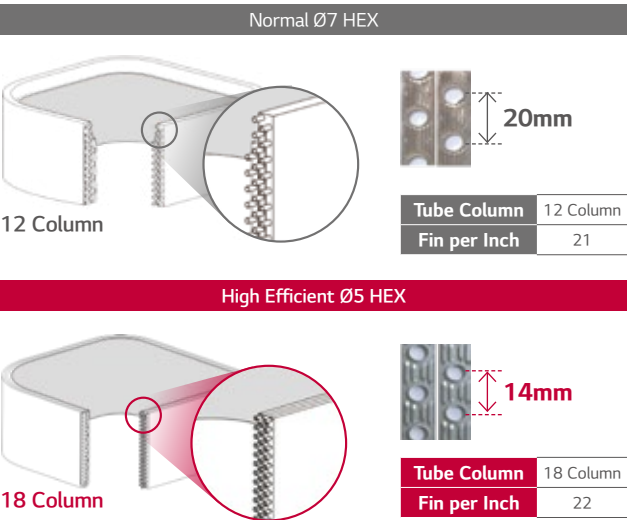
Full 3D Turbo Fan

Full 3D Turbo fan decreases air resistance, so it makes High Efficient and reduces noise level.



High Efficiency Heat Exchanger (HEX)

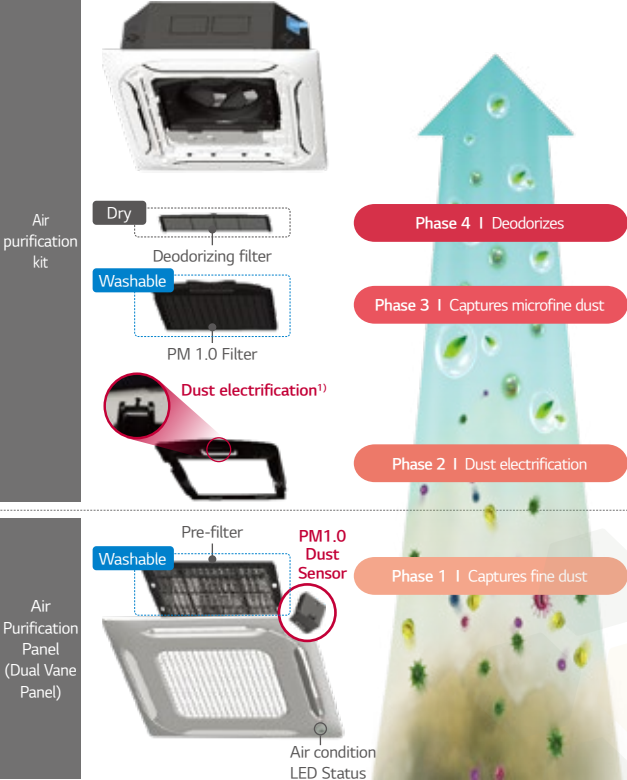
Ø5 High Density Heat Exchanger increases cooling / heating efficiency by 10%.



FRESH AIR

Convenient & Powerful 4-Step Air Cleaning

Easy-to-manage air cleaning system with one-touch air cleaning filter.



※ Available only for products with floor temperature sensor.

Cycle Management

Captures fine dust	Dust Electrification	Captures microfine dust	Deodorizes
Washable	-	6 months / Washable	6 months / Dry

Air Cleaning Status Display

Wi-Fi functionality for anytime, anywhere indoor unit control and air cleaning status display.

① IDU LED

Shows quality of Indoor air in real time

Good Bad
Normal Very Bad

② Remote controller

Display Air status and Fine Dust Concentration

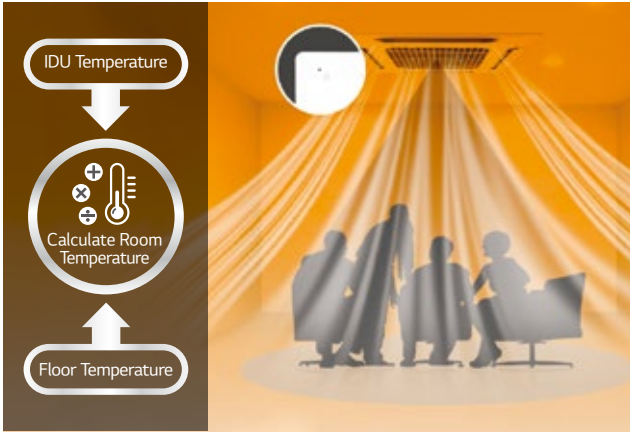
③ Mobile

Whenever & Wherever Check and Control Air status

SMART

Ceiling to Floor Temperature Sensing

With a special sensor that sense both ceiling and floor temperature, dual vane 4 way cassette provides comfort air.



※ Available only for products with floor temperature sensor.

Human-detection Air Flow

Human detection provides users with direct or indirect air flow preferences.

Indirect comfort

Provides air flow that blows away from user for comfort.



Direct cooling

Provides air flow that blows directly onto user for cooling.



SMART

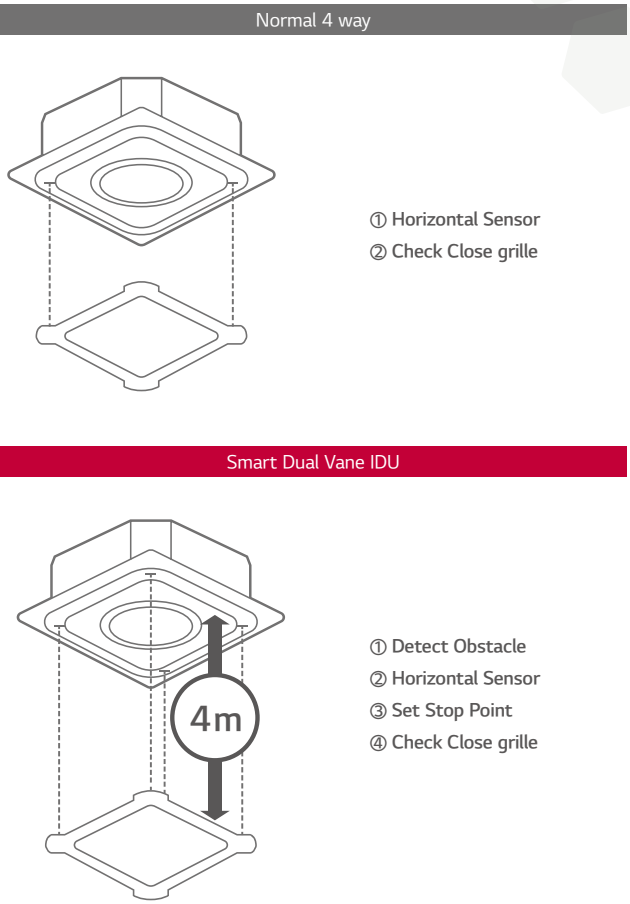
High-performance Air Cleaning

Air cleaning function provides fresh, filtered air.



Dual Elevating Grille

Grille automatically detaches and re-attaches with 4 touchpoints for enhanced stability & convenient filter management.



LG ThinQ connectivity

Anytime anywhere access to indoor units with LG ThinQ mobile app.



- ① Monitoring Air status

Easy to check indoor air status

 - Ultra Fine / Extra Fine / Fine Dust
 - Day / Week / Month / Yearly
- ② Mobile Remote Control

Remote control by using mobile phone

 - Control Mode / Temperature / Air flow etc.
- ③ Display Power Consumption

Check power consumption of A/C

 - Check energy display
 - Set target energy consumption level

DUAL VANE 4 WAY CASSETTE

(840 X 840)

ARNU24GTBB4 / ARNU28GTBB4
ARNU30GTBB4

Available from **JUNE 2020**



Model		Unit	ARNU24GTBB4	ARNU28GTBB4	ARNU30GTBB4
Cooling Capacity		kW	7.1	8.2	9.0
Heating Capacity		kW	8.0	9.2	10.0
Power Input (H / M / L)	Nominal	W	32 / 27 / 20	37 / 30 / 22	48 / 36 / 25
Dimensions (W x H x D)	Body	mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840
	Shipping	mm	922 x 276 x 917	922 x 276 x 917	922 x 276 x 917
	Type		Full 3D Turbo Fan	Full 3D Turbo Fan	Full 3D Turbo Fan
Fan	Motor Output x Number	W	51 x 1	51 x 1	51 x 1
	Air Flow Rate (H / M / L)	m³/min	18 / 17 / 15	19 / 17 / 15	21 / 19 / 16
	Motor Type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	21	21	21
Sound Pressure Level (H / M / L)		dB(A)	39 / 37 / 35	40 / 38 / 35	43 / 40 / 36
Sound Power Level (H / M / L)		dB(A)	46 / 44 / 42	50 / 46 / 43	53 / 50 / 45
Power Supply		Ø, V, Hz	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-AAGW0 PT-AFGW0 PT-AEGW0	PT-AAGW0 PT-AFGW0 PT-AEGW0	PT-AAGW0 PT-AFGW0 PT-AEGW0
	Exterior Color		White	White	White
	RAL Code		RAL 9003	RAL 9003	RAL 9003
	Net Dimensions (W x H x D)	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Net Weight	kg	7.1 / 7.2 / 8.5	7.1 / 7.2 / 8.5	7.1 / 7.2 / 8.5

Note : 1. Performance tested under EN14511
2. 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
3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	ARNU24GTBB4	ARNU28GTBB4	ARNU30GTBB4
Drain Pump		○	
Cassette Cover		PTDCA	
Refrigerant Leakage Detector		PRLDNVSO	
EEV Kit		-	
Independent Power Module		PRIP0	
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), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB500 (Modbus)		
External Input (1 Point)		○	
Wi-Fi		PWFMDD200	
Human detection sensor		PTVSA0	
Floor Temperature Sensor		PT-AFGW0 : ○	
Air cleaning kit		PT-AFGW0 : PTAFMP0	
Elevation Grille		PT-AEGW0 : ○	

DUAL VANE 4 WAY CASSETTE

(840 X 840)

ARNU36GTAB4 / ARNU42GTAB4
ARNU48GTAB4

Available from **JUNE 2020**



Model		Unit	ARNU36GTAB4	ARNU42GTAB4	ARNU48GTAB4
Cooling Capacity		kW	10.6	12.3	14.1
Heating Capacity		kW	11.9	13.8	15.9
Power Input (H / M / L)	Nominal	W	69 / 49 / 37	97 / 69 / 49	110 / 76 / 61
Dimensions (W x H x D)	Body	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Shipping	mm	922 x 360 x 917	922 x 360 x 917	922 x 360 x 917
	Type		Full 3D Turbo Fan	Full 3D Turbo Fan	Full 3D Turbo Fan
Fan	Motor Output x Number	W	135 x 1	135 x 1	135 x 1
	Air Flow Rate (H / M / L)	m³/min	29 / 26 / 22	33 / 29 / 26	34 / 30 / 28
	Motor Type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	26	26	26
Sound Pressure Level (H / M / L)		dB(A)	43 / 40 / 37	47 / 43 / 40	48 / 44 / 42
Sound Power Level (H / M / L)		dB(A)	54 / 51 / 47	56 / 53 / 49	58 / 54 / 53
Power Supply		Ø, V, Hz	1, 220-240, 50/60	1, 220-240, 50/60	1, 220-240, 50/60
Communication Cable		mm² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel (Accessory)	Model Name		PT-AAGW0 PT-AFGW0 PT-AEGW0	PT-AAGW0 PT-AFGW0 PT-AEGW0	PT-AAGW0 PT-AFGW0 PT-AEGW0
	Exterior Color		White	White	White
	RAL Code		RAL 9003	RAL 9003	RAL 9003
	Net Dimensions (W x H x D)	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Net Weight	kg	7.1 / 7.2 / 8.5	7.1 / 7.2 / 8.5	7.1 / 7.2 / 8.5

Note : 1. Performance tested under EN14511
2. 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
3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	ARNU36GTAB4	ARNU42GTAB4	ARNU48GTAB4
Drain Pump		○	
Cassette Cover		PTDCA	
Refrigerant Leakage Detector		PRLDNVSO	
EEV Kit		-	
Independent Power Module		PRIP0	
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), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB500 (Modbus)		
External Input (1 Point)		○	
Wi-Fi		PWFMDD200	
Human detection sensor		PTVSA0	
Floor Temperature Sensor		PT-AFGW0 : ○	
Air cleaning kit		PT-AFGW0 : PTAFMP0	
Elevation Grille		PT-AEGW0 : ○	