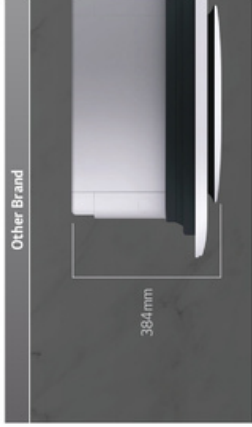


ROUND CASSETTE



Slim and Compact Design

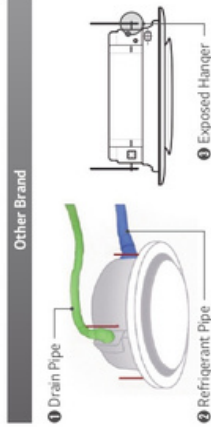
The LG Round Cassette's compact design makes the space look more spacious and secure.



※ Product : 11 / 13.4kW

Minimal Exposure Design

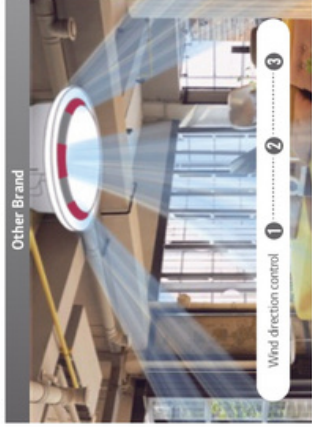
LG Round Cassette hides clunky parts into a smooth surface to provide harmony and aesthetic.



This air conditioning impresses with a sophisticated design and application concept that combines modern technology with a user-friendly operating concept.
 ※ Red Dot Design Award : World's three major international design competitions, German Design Association (2019)
 PIN UP Design Award : Korea Industrial Designers Association (Ministry of Trade, Industry and Energy) (2018)

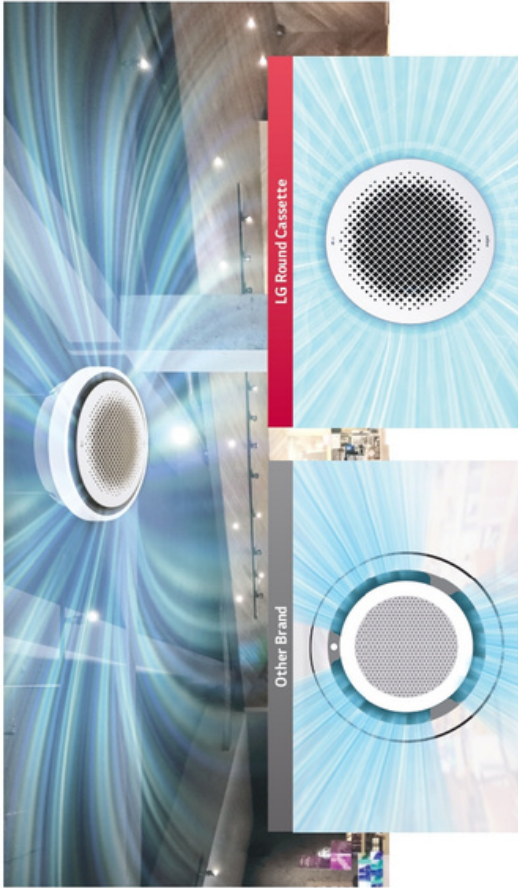
6-Step Vane Control

Crystal vane allows for 6-step precision control for cool and warm airflow in every direction.



Perfect Round Airflow

Perfect round airflow without blind spots and 4 vanes can be controlled individually



Faster in Cooling

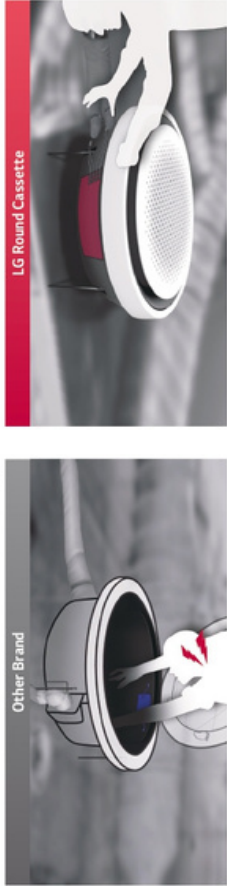
Larger airflow rate, cooling rate is 30% faster the competition



Set temperature reach time 12 minutes (Height 1.1m)
* Based on test results from LG chamber; this image is designed to help customers understand
Experimental environment: height 3.2m, cooling mode, high flow rate, horizontal air flow direction, initial temperature 33°C, setting temperature 26°C

Outside Control Box

The control box is located on the side for comfortable wiring and installation.



Quiet Operation

LG Round cassette makes the space quieter.

Sound Pressure



Sound Power



Sound power levels (cooling) dB(A)	
Other brand	61
LG Round Cassette	Max. 59

* The value is based on the Sound pressure Level(Cooling), 11.0kW model

Embedded Humidity Sensor

Humidity sensor is included as standard, so comfort cooling function is possible without separate wired remote controller.



Simple Setting

- Press the 'Function' button repeatedly until 'comfort' cooling icon displayed



- Press the 'Set' button



ACCESSORIES





LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com



COMBINATION		36	48
Capacity	Min. / Rated / Max. kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Min. / Rated / Max. kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Min. / Rated / Max. kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Min. / Rated / Max. kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Rated A	10.10	19.50
	Rated A	10.70	20.20
EER / COP	kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP	kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	kW	110	134
Seasonal Energy Label	Cooling / Heating	-	-
Annual Energy Consumption	Cooling / Heating	1,237 / 2,930	1,237 / 2,931
Dehumidification Rate	l/h	4.27	5.65
ODU Sound Pressure Level	Rated	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	66 / -	69 / 69
	Rated	66 / -	69 / 69
	Liquid	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Outer Dia.	mm (inch)	mm (inch)
Piping Connections	Gas	Outer Dia.	Outer Dia.
	mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Connections Method	-	-
Operation Range (Outdoor)	Cooling	Min. / Max. °C	Min. / Max. °C
	Heating	-20 / 52	-20 / 52
		-25 / 18	-25 / 18
INDOOR		UT36F NYO	UT48F NYO
Power Supply	Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate	H / M / L	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
	m³/min		
Dimensions	W x H x D	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	kg	30.0	30.0
Sound Pressure Level	Cooling	dB(A)	dB(A)
	Heating	dB(A)	dB(A)
	Rated	59	59
Sound Power Level	Cooling	dB(A)	dB(A)
	Heating	dB(A)	dB(A)
	Rated	62	62
Piping Connections	Drain Pipe	Ø D. / I.D.	Ø 32.0 / 25.0
OUTDOOR		UUD1 U30	UUD3 U30
Power Supply	Ø / V / Hz	1 / 220-240 / 50	3 / 380-415 / 50
Circuit Breaker	A	40	20
Power Supply Cable (included Earth)	Min.		
Dimensions	No. x mm²	3C x 6.0	5C x 2.5
	mm	950 x 1,380 x 330	950 x 1,380 x 330
Weight	kg	85.0	85.0
Compressor	Type	LG Inverter Scroll	LG Inverter Scroll
	Type	R32	R32
Refrigerant	GWP (Global Warming Potential)	675	675
	Precharged Amount	kg	3.0
	t-CO ₂ eq.	2.025	2.025
	Additional Charging Volume	g/m	40
Fan	Air Flow Rate	Rated	Rated
	m³/min x No.	55 x 2	55 x 2
Total Piping Length	Min. / Max.	5 / 85	5 / 85
Piping Elevation	IDU-ODU	Max.	Max.
	m	30	30

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com



LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com



COMBINATION		36	48
Capacity	Min. / Rated / Max. kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Min. / Rated / Max. kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Min. / Rated / Max. kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Min. / Rated / Max. kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Rated A	5.20	7.00
	Rated A	5.30	7.30
EER / COP	kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP	kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	kW	110	134
Seasonal Energy Label	Cooling / Heating	-	-
Annual Energy Consumption	Cooling / Heating	566 / 2,931	1,237 / 2,931
Dehumidification Rate	l/h	4.27	5.65
ODU Sound Pressure Level	Cooling / Heating	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	66 / -	69 / 69
	Rated	66 / -	69 / 69
	Liquid	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Outer Dia.	mm (inch)	mm (inch)
Piping Connections	Gas	Outer Dia.	Outer Dia.
	mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Connections Method	-	-
Operation Range (Outdoor)	Cooling	Min. / Max. °C	Min. / Max. °C
	Heating	-20 / 52	-20 / 52
		-25 / 18	-25 / 18
INDOOR		UT36F NYO	UT48F NYO
Power Supply	Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate	H / M / L	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
	m³/min		
Dimensions	W x H x D	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	kg	30.0	30.0
Sound Pressure Level	Cooling	dB(A)	dB(A)
	Heating	dB(A)	dB(A)
	Rated	59	59
Sound Power Level	Cooling	dB(A)	dB(A)
	Heating	dB(A)	dB(A)
	Rated	62	62
Piping Connections	Drain Pipe	Ø D. / I.D.	Ø 32.0 / 25.0
OUTDOOR		UUD3 U30	UUD3 U30
Power Supply	Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50
Circuit Breaker	A	20	20
Power Supply Cable (included Earth)	Min.		
Dimensions	No. x mm²	5C x 2.5	5C x 2.5
	mm	950 x 1,380 x 330	950 x 1,380 x 330
Weight	kg	85.0	85.0
Compressor	Type	LG Inverter Scroll	LG Inverter Scroll
	Type	R32	R32
Refrigerant	GWP (Global Warming Potential)	675	675
	Precharged Amount	kg	3.0
	t-CO ₂ eq.	2.025	2.025
	Additional Charging Volume	g/m	40
Fan	Air Flow Rate	Rated	Rated
	m³/min x No.	55 x 2	55 x 2
Total Piping Length	Min. / Max.	5 / 85	5 / 85
Piping Elevation	IDU-ODU	Max.	Max.
	m	30	30

LG Wi-Fi Modem

Control conditioners by using internet devices such as Android or iOS smartphones.



PWFMD200

Features

- User can enjoy anytime, anywhere access with Wi-Fi equipped device through ThinQ mobile app.
- This allows the user to access the unit remotely to switch unit on or off before or after leaving the vicinity.
- LG's exclusive Home Appliances control app (ThinQ) is available.
- Simple operation for various functions.
 - On / Off
 - Operation Mode
 - Current / Set Temperature
 - Fan Speed
 - Vane Control ¹⁾
 - Reservation (Sleep, Weekly On / Off)
 - Energy Monitoring ²⁾
 - Filter Management
 - Error Check
 - Air Purify ³⁾

Model Name	PWFMD200
Size (W x H x D, mm)	48 x 68 x 14
Interfaceable Products	System Air Conditioner ³⁾
Connection Type	Indoor unit 1:1
Communication Frequency	2.4 GHz
Wireless Standards	IEEE 802.11b/g/n
Mobile Application	ThinQ (Android v4.1(Jellybean) or higher, iPhone iOS 9.0 or higher)
Optional Extension Cable	PWYREW000 (10m extension)

Note : 1. Functionality may be different according to each IDU model.

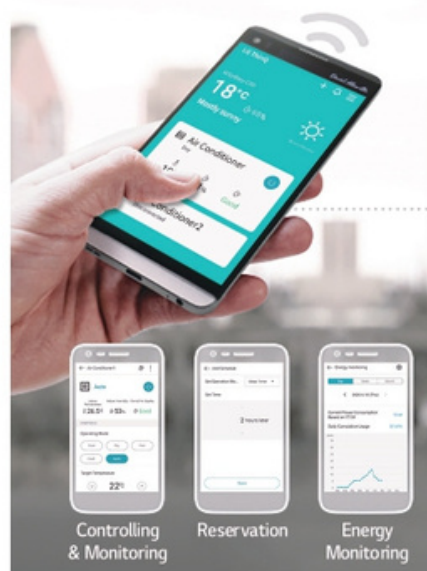
2. User interface of application shall be revised for its design and contents improvement.

3. Application is optimized for smartphone use, so it may not be well functioning with tablet devices.

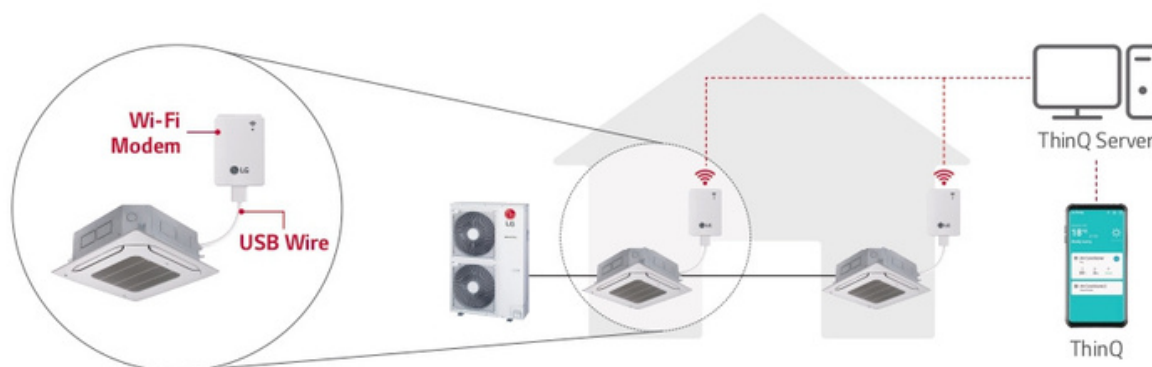
1) Vane Control may not be possible according to the type of Indoor unit.

2) LG Centralized controller and PDI installation is required for this function.

3) For the compatibility with indoor units, regional LG office.



Overview



※ Search "ThinQ" on Google market or Appstore then download the app.

※ Internet service with Wi-Fi connection has to be available.

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

Standard Wired Remote Controller

For more
LG Air Conditioner
information,
please visit
our Youtube
channel through
QR code.



Standard III
PREMTB100



Standard III
PREMTBB10



Standard II
PREMTB001



Standard II
PREMTBB01

Model Name	PREMTB100 PREMTBB10	PREMTB001 PREMTBB01
Operation Mode	On / Off, Fan Speed Control, Temperature Setting	
Mode Change	Cooling, Heating, Auto, Dehumidification, Fan	
Auto Swing / Vane Control	•	•
Reservation	Simple, Sleep, On / Off, Weekly, Holiday	
Time Display	•	•
Electrical Failure Compensation	•	•
Child Lock	•	•
Operation Status LED	•	•
Indoor Temperature Display	•	•
Wireless Remote Controller Receiver	-	•
Size (W x H x D, mm)	120 x 120 x 16	120 x 121 x 16
Backlight	•	•

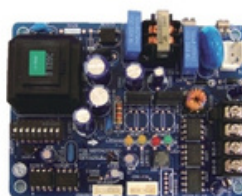
※ Refer to each model PDB for applicable models.

Remote Controller

PI 485



PWLSSB21H



PMNFP14A1

Power : Single phase AC 220V 50/60Hz

Max. no of the indoor units that can be connected : 64 UNITS

Model applied : RAC / Multi / Single / Therna V

※ Refer to each product PDB for applicable models.

Dry Contact



PDRYCB000



PDRYCB400



PDRYCB320



PDRYCB500

※ Refer to each product PDB for applicable models.

Model	PDRYCB000	PDRYCB400	PDRYCB320	PDRYCB500
Contact Point	1 Control Point	2 Control Point	8 Control Point	Modbus RTU
Power Input	AC 220V from outside power source	DC 5V & 12V from indoor unit PCB	DC 5V & 12V from indoor unit PCB	DC 5V & 12V from indoor unit PDB
Voltage / Non Voltage Input	-	•	•	-
On / Off Control	•	•	•	•
Lock / Unlock	•	•	•	•
Fan Speed Setting	-	-	•	•
Thermo Off	-	•	•	-
Energy Saving	-	•	-	-
Temperature Setting	-	•	•	•
Error Monitoring	•	•	•	•
Operation Monitoring	•	•	•	•