

FLOOR STANDING

COMMERCIAL SINGLE S

FLOOR STANDING

Stylish Design

A 2013 Reddot design award winner, the new LG floor standing air conditioner is ideal for modern interiors in your home or office.

winner 2013



Quick Response

Offering powerful cooling, the commercial air conditioning system can reach a set temperature in a shorter period of time. Meanwhile, the Power Heating function provides the optimal air flow angle, guaranteeing a faster heating performance.



Powerful Air Flow

The new LG floor standing air conditioner is efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 20m away from the air conditioner.



STANDARD INVERTER (R410A)

UP48





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

INDOOR				UP48	3 NT2
	Cooling	Min. / Nom. / Max.	kW		3.4 / 15.2
Capacity	Heating	Min. / Nom. / Max.	kW		5.5 / 17.1
Low Temperature Capacity	Heating -7°C	Max.	kW		6.0
Low temperature cupacity	Cooling	Nom.	kW		.2
Power Input (Set)	Heating	Nom.	kW	4.2	
Power Input (Indoor)	Treating	Nom.	W		00
Running Current	Cooling / Heating	Nom.	A		/ 19.5
Power Supply	cooling / ricuting	Nom.	Ø/V/Hz		240 / 50
EER			07 07 112		21
COP					41
SEER					05
SCOP					51
Pdesign (@ -10°C)			kW		1.5
Seasonal Energy Label	Cooling / Heating			1	-
Annual Energy Consumption	Cooling / Heating		kWh		-
Annual Energy Consumption	Liquid		mm (inch)		
Piping Connection	Gas		mm (inch)	Ø9.52 (3/8) Ø15.88 (5/8)	
i iping connection	Drain	0.D. / I.D.	mm	32 / 25	
Air Flow Rate	Dram	High / Medium / Low	m³/min		
Sound Pressure	Cooling	High / Medium / Low	dB(A)	31 / 27 / 23 52 / 49 / 45	
Sound Pressure	Cooling	Max.	dB(A)		55
Dehumidification Rate	Cooung	IVIdA.	l/h		.0
Dimensions	Body	WxHxD	mm	590 x 1.840 x 460	
Net Weight	Body	VV X II X D	kg	590 X 1,840 X 460 50.0	
OUTDOOR	body	_	Kg	UU48W U32	UU49W U32
	Τ		_		
Compressor	Туре	News		Twin Rotary 110	Twin Rotary
Airflow Rate	Castina	Nom	m³/min	52	110
Sound Pressure	Cooling	Nom	dB(A)	52	52
C	Heating	Nom	dB(A)		54 68
Sound Power	Cooling	Max	dB(A)	72	
Dimensions	WxHxD		mm	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight	Τ		kg	92.0	96.0
	Туре		-	R410A	R410A
D () .	Charge		g	3,400	3,400
Refrigerant	Additional Charge		g/m	40	40
	GWP		-	2087.5	2087.5
	TCO ₂ eq	Min (Max	-	7.1	7.1
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm ²	3C x 5.0	5C x 5.0
Transmission Cable			No. x mm ²	4C × 0.75	4C x 0.75
Circuit Breaker			A	40	20
Piping Length Total		Min. / Max.	m	5 / 75	5 / 75
Piping Elevation Difference	IDU - ODU	Max.	m	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note :

1. Due to our policy of innovation some specifications may be changed without notification.

2. Performances are based on the following conditions (It is accordance with EN14511) - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB

- Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Om.

3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.

4. This product contains fluorinated greenhouse gases. (R410A)

UU48W U32 UU49W U32







ACCESSORIES

COMMERCIAL

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Overall Air Quality Good PM 10 PM 2.5 PM 1.0

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Bac

13 10 8

SINGLE SPLIT

ACCESSORIES



LG Wi-Fi Modem

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



PWFMDD200

Features

- A 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
- Reservation (Sleep, Weekly On / Off)
 Energy Monitoring²⁾
- Operation Mode Current / Set Temperature
 - re Filter Management
 - Error Check
- Fan Speed - Vane Control ¹⁾
- Air Purify³⁾

Model Name	PWFMDD200
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





Standard II PREMTB001



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	٠	•	
Reservation	Simple, Sleep, On / Off, Weekly, Holiday		
Time Display	•	•	
Electrical Failure Compensation	٠	٠	
Child Lock	٠	٠	
Operation Status LED	٠	•	
Indoor Temperature Display	٠	•	
Wireless Remote Controller Receiver	-	•	
Size (W x H x D, mm)	120 x 120 x 16	120 x 121 x 16	
Backlight	٠	•	

* Refer to each model PDB for applicable models.

Remote Controller



PWLSSB21H

PI 485



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 / Therma V

% Refer to each product PDB for applicable models.

Dry Contact



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
	AC 220V from	DC 5V & 12V	DC 5V & 12V	DC 5V & 12 V
Power Input	outside power	from indoor	from indoor	from indoor
	source	unit PCB	unit PCB	unit PDB
Voltage / Non Voltage Input	-	٠	•	-
Non vollage input				
On / Off Control	٠	٠	•	•
Lock / Unlock	•	٠	•	
Fan Speed Setting	-	-	•	•
Thermo Off	-	٠	•	-
Energy Saving	-	٠	-	-
Temperature Setting	-	٠	•	٠
Error Monitoring	•	٠	٠	•
Operation Monitoring	٠	٠	٠	٠

STANDARD INVERTER (R410A)

UP48 NT2

(Unit : mm)

	PART NAME
1	Front Air Discharge Grille
2	Display & Single Receiver
3	Air Suction Grille



UU48W U32 / UU49W U32

(Unit : mm)

	PART NAME
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)



3D View



4 holes for Anchor Bolts (M10)



695 416











5-I.D. $ot {\sin 0}$ 20 holes for drain connection /