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LG Electronics Air Conditioning Marketing

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For continual product development, LG reserves the right to change specifications without notice.
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LG Commercial Air Conditioners 2009

Enjoy Clean, Quiet, and Comfortable Air Conditioning with LG



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EU-CA091

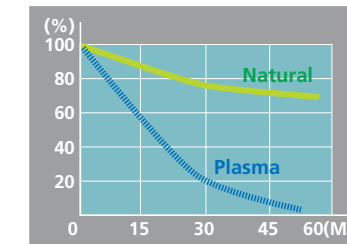


Floor Standing

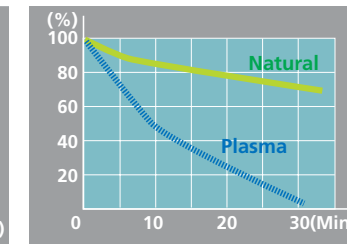
This is a floor standing type that blends in perfectly with the surrounding decoration. Clean and fresh air conditioning is ensured with a high level of cooling or heating performance and air purifying operation.

PLASMA Air Purifying System

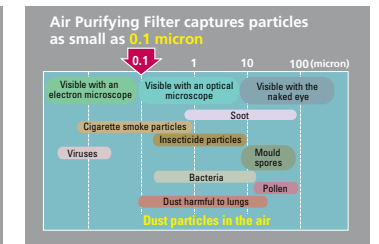
The PLASMA Air Purifying System within the air conditioner removes microscopic contaminants and dust to eliminate offensive odors and prevent allergic reactions. It can also be used as an air-purifying unit even though the air-cooling function is off.



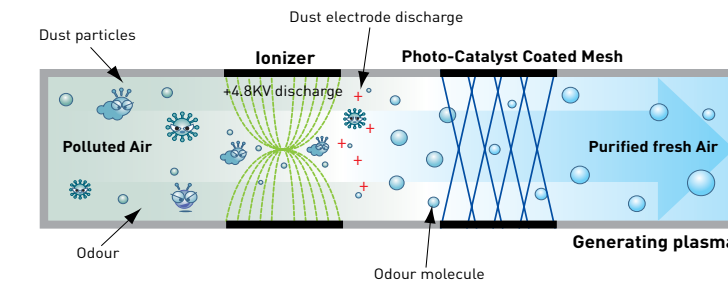
Dust Reduction
Respirable particles from 5 cigarettes in a sealed room removed by LG Plasma Air Purifying System.



Deodorization
LG's Plasma unit effectively removes high concentration tobacco odors confirmed in Sensory tests of odor index carried out in Korea and Japan.



Anti-Allergy
In clinical tests, the plasma unit has earned a satisfaction ratio of 82%. Evaluated by CSIRO Australia (DBCE Doc 98/204) Tested by Korean Food Research Institute and Japanese Environmental Centre and Yonsei Univ. College of Medicine. (Allergy Research Lab.)



Anti-Bacteria Filter

It removes dust in the air as well as bacteria proliferation, making the indoor atmosphere healthy.

4-Way Auto Swing(P03AH)

Hot or cold air can be evenly distributed throughout the room as the auto swing function blows air in 4 directions.



Child Lock Function

This function prevents children or others from tampering with the control buttons on the unit. It is then controlled by the remote controller.

- All the buttons on indoor display panel will be blocked.
- The unit will be controlled only by remote controller.

Touch Screen Panel



Duct Operation (P08AH only)

Depending on the room size and shape, if the unit is installed in a Duct-type manner you are able to cool more air at the same time to save energy.



Floor Standing

P03AH / P05AH



Indoor Unit		P03AH NR1		P05AH NT0	
Capacity	Cooling	Btu/h	27,800	46,000	
		W	8,140	13,480	
	Heating	Btu/h	27,800	48,000	
		W	8,140	14,060	
Input	Electric Heater	W	2,000	4,000	
	Cooling	W	2,800	5,300	
	Heating	W	2,800	5,000	
Running Current	Electric Heater	A	9.5	9.0	
	Cooling	A	13	18.2	
	Heating	A	13	18.2	
Power Supply	Indoor Only	ø/V/Hz	1/220-240/50	1/220-240/50	
	Electric Heater	ø/V/Hz	1/220-240/50	1/220-240/50	
EER	Cooling	W/W	2.91	2.54	
COP	Heating	W/W	2.91	2.81	
Operational Temperature Range	Cooling	°C	-5~+48	-5~+48	
	Heating	°C	-10~+24	-10~+24	
Air Flow Rate(H/M/L)		CMM	19/16/13	30/28/26	
		CFM	67/56/45	106/98/91	
Sound Level(H/M/L)	Sound Press, 1m	dB(A)±3	50/45/40	53/51/48	
Dehumidification Rate		L/h	3.3	6.0	
Dimensions(W*H*D)	Body	mm(inch)	570*1820*317(22.4*71.7*12.5)	590*1,850*440(23.2*72.8*17.3)	
Weight	Body	kg(lbs)	33 (73)	60 (132)	
Piping Connections	Liquid	mm(inch)	9.52 (3/8)	9.52 (3/8)	
	Gas	mm(inch)	15.88 (5/8)	19.05 (3/4)	

Outdoor Unit		P03AH UR1		P05AH UT0	
Power Supply	ø/V/Hz	1/220-240/50	3/380-415/50		
Refrigerant	Type	R410A	R410A		
Fan	Discharge	Side/Top	Side Dischagre		
Air Circulation		CMM	58	104	
		CFM	2,048	3,673	
Noise Level(H/L)	Sound Press, 1m	dB(A)±3	58	58	
Dimensions	W*H*D	mm(inch)	870*800*320(34.3*31.5*12.6)	900*1160*370(35.4*45.7*14.6)	
Net Weight	Outdoor	kg(lbs)	63 (139)	90 (198)	
Piping Connections	Liquid	mm(inch)	9.52 (3/8)	9.52 (3/8)	
	Gas	mm(inch)	15.88 (5/8)	19.05 (3/4)	
Piping Length(Maximum)	m		30	40	
Interunit Level difference(Maximum)	m		20	25	

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



Floor Standing

P03AH / P05AH



Indoor Unit		P08AH NFI	
Capacity	Cooling	Btu/h	68,200
		W	20,000
	Heating	Btu/h	72,000
		W	21,100
Input	Electric Heater	W	10,000
	Cooling	W	7,000
	Heating	W	6,000
Running Current	Electric Heater	A	10,000
	Cooling	A	11.1
	Heating	A	10.0
Power Supply	Indoor Only	ø/V/Hz	1/220-240/50
	Electric Heater	ø/V/Hz	3/380-415/50
EER	Cooling	W/W	2.86
COP	Heating	W/W	3.52
Operational Temperature Range	Cooling	°C	-5~+48
	Heating	°C	-10~+24
Air Flow Rate(H/M/L)		CMM	57/-/48
		CFM	2,013/-/1,695
Sound Level(H/M/L)	Sound Press, 1m	dB(A)±3	62/-/59
Dehumidification Rate		L/h	8.1
Dimensions(W*H*D)	Body	mm(inch)	1,050*1,880*495(41.3*74.0*19.5)
Weight	Body	kg(lbs)	132 (291)
Piping Connections	Liquid	mm(inch)	9.52 (3/8)
	Gas	mm(inch)	19.05 (3/4)

Outdoor Unit		P08AH UFI	
Power Supply	ø/V/Hz	3/380-415/50	
Refrigerant	Type	R410A	
Fan	Discharge	Side/Top	Side Dischagre
Air Circulation		CMM	135
		CFM	4,767
Noise Level(H/L)	Sound Press, 1m	dB(A)±3	63
Dimensions	W*H*D	mm(inch)	950*1,380*330(37.4*54.3*13.0)
Net Weight	Outdoor	kg(lbs)	113 (249)
Piping Connections	Liquid	mm(inch)	9.52 (3/8)
	Gas	mm(inch)	19.05 (3/4)
Piping Length(Maximum)	m		40
Interunit Level difference(Maximum)	m		25

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