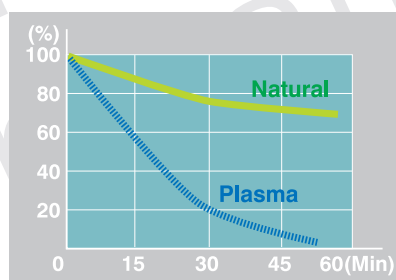
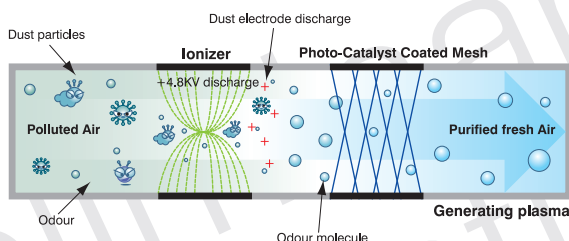


floor standing

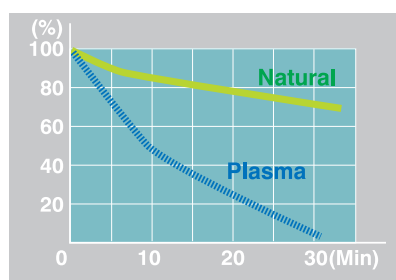
This is a floor standing type that blends in perfectly with the surrounding decoration. Clean and fresh air conditioning is ensured with a high level of cooling or heating performance and air purifying operation.

PLASMA Air Purifying System

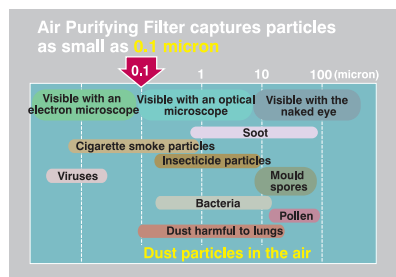
The PLASMA Air Purifying System within the air conditioner removes microscopic contaminants and dust to eliminate offensive odors and prevent allergic reactions. It can also be used as an air-purifying unit even though the air-cooling function is off.



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.



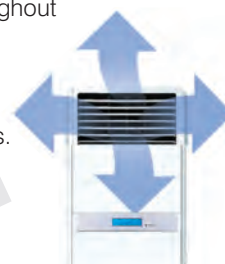
Anti-Allergy
In clinical tests, the plasma unit has earned a satisfaction ratio of 82%.
Evaluated by CSIRO Australia (DBCE Doc 98/204)
Tested by Korean Food Research Institute and Japanese Environmental Centre and Yonsei Univ. College of Medicine. (Allergy Research Lab.)

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.



Touch Screen Panel



LED MODULE



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.

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



Specification

Indoor Unit			P03AH SR1	P05AH ST0
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	Cooling	W	2800	5300
	Heating	W	2800	5000
E.E.R	Cooling	W/W	2.910	2.540
C.O.P	Heating	W/W	2.910	2.810
Running Current	Cooling	A	13	9.5
	Heating	A	13	9
Power Supply		ø,V, Hz	1,220~240,50	3,380~415,60
Electric Heater		W	2,000	4,000
Operational Temperature	Cooling	°C	-5 ~ +46	-5 ~ +46
	Heating	°C	-10 ~ +24	-15 ~ +24
Range(Outdoor)				
Air Flow Rate	H/M/L	CMM(CFM)	18/16/13(636/565/459)	30/26/23(1,060/918/812)
Noise Level (Sound Press, 1m)	H/M/L	dB(A)±3	48/46/40	53/51/48
Dehumidification Rate		l/h	3.3	6.0
Dimensions (W*H*D)	Indoor	inch(mm)	22.4*71.7*12.5(570*1820*317)	23.2*72.8*17.3(590*1850*440)
Net Weight	Indoor	kg(lbs)	33(73)	60(132)
Refrigerant Charge	Charge	g(oz)	2200(77.6) *at 7.5m*	2900(102.3) *at 7.5m*
	Type		R410A	R410A
Noise Level (Sound Press, 1m)	Outdoor	dB(A)±3	58	58
Dimensions (Outdoor)		inch(mm)	34.25*25.79*12.6 (870*655*370)	30.3*21.3*10 (770*540*245)
Net Weight	Outdoor	kg(lbs)	63(139)	90(198)
Pipe Connection	Liquid	inch(mm)	3/8 (9.52)	3/8 (9.52)
	Gas	inch(mm)	5/8 (15.88)	3/4 (19.05)
Max. Piping Length/Elevation		m	30/20	40/25



P03AH

P05AH

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

ceiling & floor ceiling suspended

Floor / Ceiling Convertible System has the flexibility of multiple installations. The Indoor Unit can easily be mounted on the floor or suspended from the ceiling. The Convertible System features Gold Fin protection on the Outdoor Unit & Energy Saving Plasma Heat Exchanger in the Indoor Unit.

Compact Size

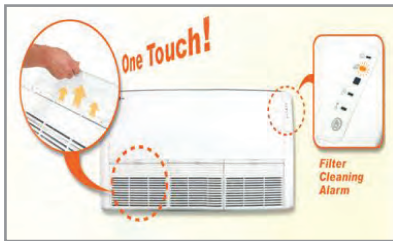


- 1350x650x220(36K)



- 1750x650x220(48/60K)
- Weight : 65kg 35kg
- Volume : 100% 68%

Upgraded Function

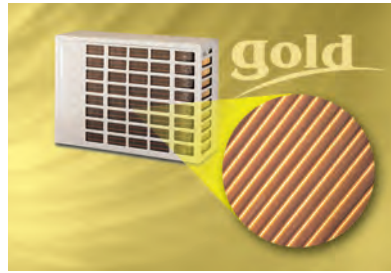


- One Touch Filter & Filter Cleaning Alarm Function
- Power Wind Mode
- Wired Remote Controller (Option) (UV18~UV60 available)
 - Weekly Program
 - Group control. etc



Gold Fin™ Anti Corrosion

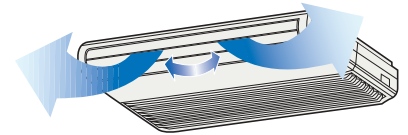
LG's Outdoor Heat Exchanger is coated with a golden anti-corrosive epoxy treatment on the aluminum coil to minimized corrosion. This maintains heat transfer properties of the coil for an extended time where as non-Gold Fin coils progressively lose efficiency due to surface corrosion. Standard on every LG air conditioner, this assists in areas suffering from pollution or near the ocean where the unit may subjected to higher levels of salt.



Airflow Direction Control

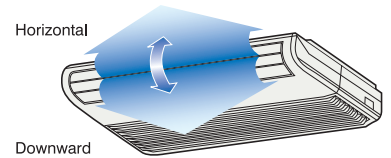
Horizontal Airflow Direction Control.

Adjust the horizontal airflow direction by manually moving the horizontal airflow direction louver by hand.



Vertical Airflow Direction Control

The airflow direction can be adjusted as desired by using the remote controller.



ceiling & floor DC Inverter

UV12 / UV18 UV24 / UV30



Specification

Indoor Unit

			*UV12 NEC	UV18 NBC	UV24 NBD	UV30 NBD
Nominal Capacity (Rated)	Cooling	Btu/h	4,800 ~ 12,000 ~ 13,200	7,200 ~ 18,000 ~ 19,800	9,553 ~ 23,884 ~ 26,272	10,373 ~ 25,932 ~ 28,525
		kw	1.40 ~ 3.52 ~ 3.87	2.11 ~ 5.28 ~ 5.81	2.8 ~ 7.0 ~ 7.7	3.04 ~ 7.6 ~ 8.36
	Heating	Btu/h	5,520 ~ 13,800 ~ 15,180	8,120 ~ 20,300 ~ 22,330	10,509 ~ 26,274 ~ 28,901	11,464 ~ 28,662 ~ 31,528
		kw	1.62 ~ 4.04 ~ 4.44	2.38 ~ 5.95 ~ 6.54	3.08 ~ 7.7 ~ 8.47	3.36 ~ 8.4 ~ 9.24
Nominal Input (Rated)	Cooling	kw	1.25	1.74	2.3	2.68
		Heating	kw	1.26	1.85	2.74
Running Current		A	0.56	0.56	0.56	0.56
Power Supply		Ø/V/Hz	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50
EER		W/	2.82	3.03	3.04	2.84
COP		W/	3.21	3.22	2.81	2.81
WOperational Temperature Range	Cooling	°C	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Air Flow Rate (H/M/L)		CMM	10 / 8.3 / 6.5	13.5 / 12 / 11	15 / 13.5 / 12	18 / 16 / 14
		CFM	353 / 293 / 230	437 / 424 / 388	530 / 477 / 424	636/564/494
Sound Level (H/M/L)		dB(A) ±3	40 / 36 / 31	43 / 40 / 37	45 / 42 / 39	45 / 42 / 39
Dehumidification Rate		l/h	1.2	2.3	3.2	3.5
Dimensions (WxHxD)	Body	mm(inch)	900*200*490(35.4*7.9*19.3)	1,200*205*615(47.2*8.1*24.2)	1,200*205*615(47.2*8.1*24.2)	1,200*205*615(47.2*8.1*24.2)
	Weight	kg(lbs)	12(26.5)	30(66.1)	30(66.1)	30(66.1)
Piping Connections	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas	mm (inch)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
ECA Compliant			N	N	N	N

* Autochangeover operation is not available in UV12 NEC.

Outdoor Unit

			UU12W UEC	UU18W UEC	UU24W UED	UU30W UED
Compressor	Type		e - Scroll	e - Scroll	Rotary	Rotary
Refrigerant Charge	Charge*	g(oz)	1100 (40)	1500(52.91)	2000(70.6)	2000(70.6)
	Type		R410A	R410A	R410A	R410A
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge	Side Discharge
Noise Level(H/L)	Sound Press,1m	dB(A) ±3	51 /45	51 /45	52/46	52/46
Dimensions	W*H*D	mm (inch)	870*655*320 (34.3*25.8*12.6)	870*655*320 (34.3*25.8*12.6)	870*808*320(34.3*31.8*12.6)	870*1060*320 (34.3*41.7*12.6)
Net Weight	Outdoor	kg(lbs)	46(101)	52(114.6)	60(132)	60(132)
Piping connections	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas	mm (inch)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable (Includes earth)	No.*mm2		3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Interunit Cable (Includes earth)	No.*mm2		4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Max. Piping Length/Elevation	m		15/10	50/30	50/30	50/30
Power Supply	Ø,V,Hz		1,220~240,50	1,220~240,50	1, 220~240, 50	1, 220~240, 50
Running Current	Cooling/Heating	A	6.5/5.8	7.5/10.6	10.0/10.7	12.0/13.0
Air Circulation	CMM (CFM)		50(1766)	50(1766)	58(2048)	58(2048)
Additional Refrigerant Charge (Over 7.5m)	g/m		20	25	35	35
Fuse Sizes Amps			10A	10A	16A	20A



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