



LG

Life's Good

Style
Your
Space



70% ENERGY SAVING

40% FASTER COOLING

10 YEAR INVERTER COMPRESSOR WARRANTY



Javier Ferrer



ARTCOOL

2016 Residential Air Conditioner



Plasmaster™ Ioniser^{PLUS}

The powerful plasma ionizer protects you from odors and harmful substances in the air with over 3 million ions to sterilize not only the air passing through the air conditioner, but also surrounding surfaces for a safer, cleaner environment.

* Specifications may vary for each model.



Energy Saving



Powerful Airflow



Jet Cool



Low Noise 19dB



Deep Sleep Mode



Dual Protection Filter



Plasmaster Auto Cleaning



Plasmaster Ioniser^{PLUS}



MULTI Protection Filter
Powered by 3M Tech



Gold Fin

Model		ES-W096BWS0	ES-W126BWS0	ES-W186CWS0	ES-W246CWS0	
Cooling Capacity	kW	0.89-2.50-3.70	0.90-3.50-4.04	0.90-5.20-6.00	0.90-7.03-8.65	
Heating Capacity	kW	0.89-3.20-4.10	0.89-3.66-5.10	0.90-6.30-9.00	0.90-8.20-11.40	
Power Input	Cooling	1010	1500	2190	1611	
	Heating	1050	1650	2330	2418	
Running Current	Cooling	2.66	4.6	6.6	9.5	
	Heating	3.4	4.65	7.3	10.1	
Max Current	Cooling	6.5	6.5	7.8	13	
	Heating	6	6	9.4	14	
EER	W/W	3.85	3.47	3.47	3.21	
COP	W/W	3.86	3.49	3.82	3.52	
Power Supply	Ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
Air Flow Rate	Indoor/Max	m ³ /min(CFM)	12 (423)	12 (423)	19 (670)	19 (670)
	Outdoor/Max	m ³ /min(CFM)	27 (953)	27 (953)	50 (1765)	60 (2119)
Moisture Removal	l/h	1.1	1.3	2	2.6	
Sound Pressure Level	Indoor/H/M/L/Sleep	dB(A) 3	38/33/23/19	39/33/23/19	42/40/35/29	42/40/35/29
	Outdoor/Max	dB(A) 3	47	47	54	56
Sound Power Level	Indoor/H/M/L/Sleep	dB(A) 3	57	57	60	60
	Outdoor/Max	dB(A) 3	65	65	65	70
Refrigerant & Charge	Type	R410A	R410A	R410A	R410A	
	g(oz) at 7.5 m	900 (31,75)	900 (31,75)	1350 (47,63)	1800 (63,49)	
Additional Refrigerant charge	g/m(oz/ft)	20(0.22)	20(0.22)	20(0.22)	35(0.37)	
Compressor	Type	Rotary	Rotary	Twin Rotary	Twin Rotary	
	Motor Type	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor	
Fan(Indoor)	Type	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	
	Motor Type	BLDC	BLDC	BLDC	BLDC	
	Motor Output	W	20	20	30	
Fan(Outdoor)	Type	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	
	Motor Type	BLDC	BLDC	BLDC	BLDC	
	Motor Output	W	43	85	124	
Circuit Breaker*	A	15	15	20	25	
Power Supply Cable	No.*mm ²	3*1,0	3*1,0	3*1,5	3*2,5	
Connection Cable No.*mm ²	No.*mm ²	4*1.0 (Including Earth)	4*1.0 (Including Earth)	4*1.0 (Including Earth)	4*1.0 (Including Earth)	
Connection Pipe	Liquid Side	mm(in)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	
	Gas Side	mm(in)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)	
	Drain Hose (O.D./I.D)	mm(in)	21.5/16(0.85/0.63)	21.5/16(0.85/0.63)	21.5/16(0.85/0.63)	21.5/16(0.85/0.63)
Dimensions	Indoor(W*H*D)	mm	885*285*210	885*285*210	1030*325*250	
		inch	35.2*11.2*8.3	35.2*11.2*8.3	40.6*12.8*9.8	
	Outdoor(W*H*D)	mm	717*500*230	717*500*230	870*800*320	
		inch	28.2*19.0*9.1	28.2*19.0*9.1	34.3*28.8*12.6	
Net Weight	Indoor	kg(lbs)	9	9	14.8	
	Outdoor	kg(lbs)	27.4	29	43.8	
Operation Range	Cooling(Outdoor)	°C(°F)	-10-48	-10-48	-10-48	
	Heating(Outdoor)	°C(°F)	-10-24	-10-24	-15-24	
Max. Piping Length	m(ft)	15 (49,2)	15 (49,2)	20 (65,6)	30 (98,4)	
Max. Elevation Difference	m(ft)	7 (23)	7 (23)	10 (33)	10 (33)	

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- Product label kW capacity may vary from catalogue, due to different countries labeling requirements.
- Performance certification available on request.