



LG

Life's Good

Style
Your
Space



70% ENERGY SAVING
40% FASTER COOLING
10 YEAR INVERTER COMPRESSOR WARRANTY



Juan Ferrer



ARTCOOL

2016 Residential Air Conditioner

ARTCOOL

INVERTER V



Energy Saving



Powerful Airflow



Jet Cool



Low Noise
19dB



Deep Sleep
Mode



Dual Protection
Filter



Plasmaster
Auto
Cleaning



Plasmaster
Ionizer^{PLUS}



MULTI
Protection Filter
Powered by 3MTM Tech



Gold Fin

Model			ES-W096BWSO	ES-W126BWSO	ES-W186CWSO	ES-W246CWSO
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	W	1010	1500	2190	1611
	Heating	W	1050	1650	2330	2418
Running Current	Cooling	A	2.66	4.6	6.6	9.5
	Heating	A	3.4	4.65	7.3	10.1
Max Current	Cooling	A	6.5	6.5	7.8	13
	Heating	A	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		∅ / 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	20	30
Fan(Outdoor)	Type		Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Motor Type		BLDC	BLDC	BLDC	BLDC
	Motor Output	W	43	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)	∅ 6.35 (1/4)	∅ 6.35 (1/4)	∅ 6.35 (1/4)	∅ 9.52 (3/8)
	Gas Side	mm(in)	∅ 9.52 (3/8)	∅ 9.52 (3/8)	∅ 12,7 (1/2)	∅ 15,88 (5/8)
	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	1030*325*250
		inch	35.2*11.2*8.3	35.2*11.2*8.3	40.6*12.8*9.8	40.6*12.8*9.8
	Outdoor(W*H*D)	mm	717*500*230	717*500*230	870*655*320	870*800*320
		inch	28.2*19.0*9.1	28.2*19.0*9.1	34.3*28.8*12.6	34.3*31.5*12.6
Net Weight	Indoor	kg(lbs)	9	9	14.8	15.1
	Outdoor	kg(lbs)	27.4	29	43.8	55.8
Operation Range	Cooling(Outdoor)	°C(°F)	-10-48	-10-48	-10-48	-10-48
	Heating(Outdoor)	°C(°F)	-10-24	-10-24	-15-24	-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.