

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 3M 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
	Heating	W	1050	1650	2330
Running Current	Cooling	A	2.66	4.6	6.6
	Heating	A	3.4	4.65	7.3
Max Current	Cooling	A	6.5	6.5	7.8
	Heating	A	6	6	9.4
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)
	Outdoor;Max	m ³ /min(CFM)	27 (953)	27 (953)	50 (1765)
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
	Outdoor;Max	dB(A) ±3	47	47	54
Sound Power Level	Indoor;H/M/L/Sleep	dB(A) ±3	57	57	60
	Outdoor;Max	dB(A) ±3	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	43	85
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)
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*655*320
		inch	28.2*19.0*9.1	28.2*19.0*9.1	34.3*25.8*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.