



INVERTER M



M096EH / M126EH / M186EH / M246EH



Energy Saving



Absolute Silence



Powerful Airflow



Low Ambient



Deep Sleep Mode



Quick Cooling



Dual Protection Filter



3M Micro Protection Filter



Plasmaster Auto Cleaning



Gold Fin

Model		M096EH	M126EH	M186EH	M246EH
Cooling Capacity	kW	0.89~2.50~2.80	0.89~3.50~3.80	1.08~4.98~5.42	1.08~6.45~7.03
	Btu/hr	3,038~8,500~9,556	3,038~12,000~12,969	3,686~17,000~18,498	3,686~22,000~23,993
Heating Capacity	kW	0.89~2.80~3.00	0.89~3.80~4.20	1.08~5.57~6.74	1.08~6.97~7.91
	Btu/hr	3,038~9,600~10,239	3,038~13,000~12,969	3,686~19,000~23,003	3,686~23,800~26,997
Power Input	Cooling/Heating	W	780/775	1090/970	1560/1540
Running Current	Cooling/Heating	A	3.6/3.6	4.9/4.5	7.1/7.0
Starting Current	Cooling/Heating	A	3.6/3.6	4.9/4.5	7.1/7.0
EER	W/W	3.21	3.21	3.27	3.21
	Btu/h.W	11.0	11.0	11.2	10.9
COP	W/W	3.41	3.71	3.62	3.61
	Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Factor	%	94	95	96	95
Air Flow Rate	Indoor,Max	m ³ /min(CFM)	8(283)	10(353)	17.8 (629)
	Outdoor,Max	m ³ /min(CFM)	27(953)	27(953)	38 (1342)
Moisture Removal	l/h.	0.83	1.0	1.6	1.9
Sound Level	Indoor,H/M/L/Sleep	dB(A)±3	39/33/25/19	39/33/25/19	42/40/35/29
	Outdoor,Max	dB(A)±3	47	47	51
Refrigerant & Charge (at 5 m)	g(oz)	R410a, 600(21.16)	R410a, 750(26.46)	R410a, 1060(37.39)	R410a, 1170(41.27)
Additional Refrigerant charge	g/m(oz/ft)	20(0.22)	20(0.22)	30(1.05)	30(1.05)
Piping Connections	Liquid Side	mm(in)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(in)	9.52(3/8)	9.52(3/8)	12.70(1/2)
Drain Hose(O.D./I.D)	mm(in)	21.5/16.0(0.85 / 0.63)	21.5/16.0(0.85 / 0.63)	21.5/16.0(0.85 / 0.63)	21.5/6.0(0.85 / 0.63)
Dimensions	Indoor (W*H*D)	mm	756 * 265 * 184	885 * 285 * 210	1,030*325*250
		inch	29.8 * 10.4 * 7.2	35.2 * 11.2 * 8.3	40.6*12.8*9.84
	Outdoor (W*H*D)	mm	717 * 483 * 230	717 * 483 * 230	770 * 545 * 288
		inch	28.2 * 19.0 * 9.1	28.2 * 19.0 * 9.1	30.3 * 21.5 * 11.3
Net Weight	Indoor	kg(lb s)	7.4(16.31)	9.2(20.28)	12.4(27.34)
	Outdoor	kg(lbs)	23.5(51.8)	25.1(55.34)	33.5(73.85)
Operation Range	Cooling(Outdoor)	°C	18 ~ 48	18 ~ 48	18 ~ 48
	Heating(Outdoor)	°C	-5 ~ 24	-5 ~ 24	-5 ~ 24
Max. Piping Length	m(ft)	15(49.2)	15(49.2)	20(65.6)	
Max. Elevation Difference	m(ft)	7(23.0)	7(23.0)	10(32.8)	
Functions	Temperature Control	Thermistor	Thermistor	Thermistor	Thermistor
	Auto Clean	O	O	O	O
	CHAOS Wind(Auto Wind)	O	O	O	O
	Steps, Fan/Cool/Heat	3/4/3	3/4/3	3/4/3	3/4/3
	Steps, Fan/Cool/Heat	Auto	Auto	Auto	Auto
	Airflow Direction Control (left & right)	Manual	Manual	Manual	Manual
	Remote Controller Type	Wireless LCD	Wireless LCD	Wireless LCD	Wireless LCD
	Setting Temperature Range	Cooling	18°C ~ 30°C	18°C ~ 30°C	18°C ~ 30°C
		Heating	16°C ~ 30°C	16°C ~ 30°C	16°C ~ 30°C
	Auto Changeover (Micom Control)	O	O	O	O
	Self Diagnosis	O	O	O	O
	Timer	24h, On/Off	24h, On/Off	24h, On/Off	24h, On/Off
	Sleep Operation	O	O	O	O
	Soft Dry Operation	O	O	O	O
	Restart Delay (minute)	3	3	3	3
	Deice Control(Defrost)	O	O	O	O
	Hot Start	O	O	O	O
Jet Cool	O	O	O	O	
Low Ambient Operation	-	-	-	-	

Note : 1. Capacities are based on the following conditions Cooling : Indoor Temperature 27°C DB / 19°C WB / Outdoor Temperature 35°C DB / 24°C WB
 Heating : Indoor Temperature 20°C DB / 15°C WB / Outdoor Temperature 7°C DB / 6°C WB

2. Specifications, design and feature are subject to change without prior notice.

O	Applied
X	Not Applied
-	Not Relavant