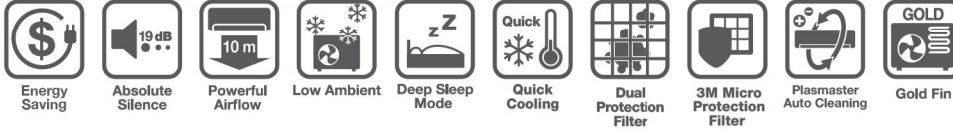




# INVERTER M



## M096EH / M126EH / M186EH / M246EH



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
Power Supply	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 <sup>3</sup> /min(CFM)	8(283)	10(353)	17.8(629)
	Outdoor,Max	m <sup>3</sup> /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
	Auto Clean		○	○	○
	CHAOS Wind(Auto Wind)		○	○	○
	Steps, Fan/Cool/Heat		3/4/3	3/4/3	3/4/3
			Auto	Auto	Auto
	Airflow Direction Control (left & right)		Manual	Manual	Manual
	Remote Controller Type		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)		○	○	○
	Self Diagnosis		○	○	○
	Timer		24h, On/Off	24h, On/Off	24h, On/Off
	Sleep Operation		○	○	○
	Soft Dry Operation		○	○	○
	Restart Delay (minute)		3	3	3
	Deice Control(Defrost)		○	○	○
	Hot Start		○	○	○
Jet Cool		○	○	○	
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.

○	Applied
X	Not Applied
-	Not Relavant