

FEATURES



Windblast



Smart Sleep Curve



Arctic FoxRemote



2-way Draining



High Density Filter



WiFi Control



Follow Me



Louver Position Memory



Manual ON/OFF



Weekly Timer



Flash Cool



iECO



Do Not Disturb



Tropical Inverter



Full DC Inverter



3D Air Flow

MIDEA INVERTER

TECHNICAL SPECIFICATIONS

Model			MST4MB2-12HRN1	MST4MB2-18HRN1	MST4MB2-24HRN1	MST4AB6-30HRN1
Power supply		V,Hz,Ph	220-240V,50Hz,1Ph	220-240V,50Hz,1Ph	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	12000	18000	23720	27000
	Input	W	770	1300	1570	2248
	Rated current	A	3.50	5.91	7.14	9.77
	EER	(Btu/h)/W	4.57	4.06	4.43	12.01
Heating	Capacity	Btu/h	11591	18223	25836	27613
	Input	W	824	1380	2208	2090
	Rated current	A	3.43	5.83	9.36	9.36
	COP	W/W	4.12	3.87	3.43	3.870
Cooling(T3)	Capacity	Btu/h	11106	16621	19307	23000
	Input	W	984	1647	2058	2603
	Rated current	A	4.44	7.4	9.18	11.7
	EER	(Btu/h)/W	3.31	2.95	2.75	8.837
Compressor	Type		ROTARY	ROTARY	ROTARY	Twin-Rotary Inverter
	Brand		GMCC	GMCC	GMCC	GMCC
Indoor air flow (Hi/Mi/Lo)		m3/h	835/700/520	1135/1025/860	1150/785/570	1420/1300/1100/980
Indoor noise level (Hi/Mi/Lo)		dB(A)	45.7/41.7/37.2	49.5/45/40.5	49/45/41.5	50/44.5/42.5
Indoor unit	Dimension(W*D*H)	mm	980x225x325	1090x235x338	1090x235x338	1259x282x362
	Packing(W*D*H)	mm	1055x305x405	1165x420x315	1165x315x420	1340x450x380
	Net/Gross weight	Kg	10.7/14.3	13/16.8	13.2/17	18.5/24.4
Outdoor noise level		dB(A)	56	61	61	61
Outdoor unit	Dimension(W*D*H)	mm	800x333x554	845x363x702	946x420x810	946x410x810
	Packing(W*D*H)	mm	920x390x615	965x395x765	1090x500x875	1090x500x865
	Net/Gross weight	Kg	35.1/37.8	41.2/44.5	59.3/65	64.7/70
Refrigerant type		g	R410A/1280	R410A/1650	R410A/2300g	R410A/2730
Application area (Cooling Standard)		m2	15-22	24-35	29-43	29-43

Midea Aurora Inverter 12K (MST4AB9-12HRN1)

	Indoor air entering Temp	Outdoor air entering Temp(DB)							
		70 OF/21°C	82 OF/28°C	95 OF/35°C	109 OF/43°C	115 OF/46°C	126 OF/52°C	1290F/54°C	
High	70 °F/21°C DB 59 °F/15°C WB	Tcc(kW)	3.67	3.49	3.32	3.17	3.06	2.89	2.67
		Scck(kW)	2.68	2.65	2.62	2.60	2.57	2.51	2.38
		S/T	0.73	0.76	0.79	0.82	0.84	0.87	0.89
		PW(kW)	0.73	0.79	0.83	0.85	0.89	0.95	1.00
	75 °F/24°C DB 63 °F/17°C WB	Tcc(kW)	3.71	3.53	3.36	3.27	3.15	2.98	2.80
		Scck(kW)	2.75	2.72	2.70	2.64	2.62	2.55	2.43
		S/T	0.74	0.77	0.80	0.81	0.83	0.86	0.87
		PW(kW)	0.78	0.83	0.84	0.91	0.92	1.00	1.04
	80 °F/26.6°C DB 67°F/19.4°C WB	Tcc(kW)	3.78	3.60	3.50	3.35	3.19	3.01	2.84
		Scck(kW)	2.79	2.74	2.72	2.68	2.65	2.58	2.52
		S/T	0.74	0.76	0.78	0.80	0.83	0.86	0.89
		PW(kW)	0.79	0.84	0.85	0.93	0.96	0.99	1.06
	84 °F/29°C DB 67°F/19.4°C WB	Tcc(kW)	3.81	3.64	3.60	3.38	3.22	3.12	2.87
		Scck(kW)	3.17	3.05	3.03	2.95	2.92	2.88	2.75
		S/T	0.83	0.84	0.84	0.87	0.91	0.92	0.96
		PW(kW)	0.81	0.85	0.89	0.94	1.00	1.04	1.07
	90 °F/32°C DB 73 °F/23°C WB	Tcc(kW)	3.85	3.73	3.64	3.42	3.32	3.15	2.94
		Scck(kW)	3.24	3.19	3.17	3.09	3.02	2.96	2.88
		S/T	0.84	0.85	0.87	0.90	0.91	0.94	0.98
		PW(kW)	0.83	0.87	0.93	0.96	1.02	1.09	1.11

	Indoor air entering Temp	Outdoor air entering Temp(DB)							
		70 OF/21°C	82 OF/28°C	95 OF/35°C	109 OF/43°C	115 OF/46°C	126 OF/52°C	1290F/54°C	
Medium	70 °F/21°C DB 59 °F/15°C WB	Tcc(kW)	3.32	3.16	3.00	2.87	2.77	2.61	2.42
		Scck(kW)	2.39	2.37	2.34	2.32	2.30	2.25	2.13
		S/T	0.72	0.75	0.78	0.81	0.83	0.86	0.88
		PW(kW)	0.70	0.76	0.79	0.81	0.85	0.91	0.95
	75 °F/24°C DB 63 °F/17°C WB	Tcc(kW)	3.36	3.20	3.04	2.96	2.85	2.69	2.53
		Scck(kW)	2.46	2.43	2.42	2.36	2.35	2.28	2.17
		S/T	0.73	0.76	0.79	0.80	0.82	0.85	0.86
		PW(kW)	0.74	0.79	0.80	0.87	0.87	0.95	0.99
	80 °F/26.6°C DB 67°F/19.4°C WB	Tcc(kW)	3.42	3.26	3.17	3.03	2.89	2.72	2.57
		Scck(kW)	2.49	2.45	2.43	2.40	2.37	2.30	2.25
		S/T	0.73	0.75	0.77	0.79	0.82	0.85	0.88
		PW(kW)	0.76	0.80	0.81	0.88	0.92	0.94	1.01
	84 °F/29°C DB 67°F/19.4°C WB	Tcc(kW)	3.45	3.29	3.26	3.06	2.91	2.83	2.60
		Scck(kW)	2.83	2.73	2.71	2.64	2.61	2.58	2.47
		S/T	0.82	0.83	0.83	0.86	0.90	0.91	0.95
		PW(kW)	0.77	0.81	0.85	0.90	0.95	0.99	1.02
	90 °F/32°C DB 73 °F/23°C WB	Tcc(kW)	3.48	3.38	3.29	3.10	3.01	2.85	2.66
		Scck(kW)	2.89	2.85	2.84	2.77	2.71	2.65	2.58
		S/T	0.83	0.84	0.86	0.89	0.90	0.93	0.97
		PW(kW)	0.79	0.83	0.88	0.92	0.97	1.04	1.06

	Indoor air entering Temp	Outdoor air entering Temp(DB)							
		70 OF/21°C	82 OF/28°C	95 OF/35°C	109 OF/43°C	115 OF/46°C	126 OF/52°C	1290F/54°C	
Low	70 °F/21°C DB 59 °F/15°C WB	Tcc(kW)	3.14	2.98	2.84	2.71	2.62	2.47	2.29
		Scck(kW)	2.23	2.21	2.18	2.17	2.15	2.10	1.99
		S/T	0.71	0.74	0.77	0.80	0.82	0.85	0.87
		PW(kW)	0.66	0.72	0.75	0.77	0.80	0.86	0.90
	75 °F/24°C DB 63 °F/17°C WB	Tcc(kW)	3.17	3.02	2.87	2.79	2.70	2.54	2.39
		Scck(kW)	2.29	2.27	2.25	2.20	2.19	2.13	2.03
		S/T	0.72	0.75	0.78	0.79	0.81	0.84	0.85
		PW(kW)	0.70	0.75	0.76	0.82	0.83	0.90	0.94
	80 °F/26.6°C DB 67°F/19.4°C WB	Tcc(kW)	3.23	3.08	2.99	2.86	2.73	2.57	2.43
		Scck(kW)	2.32	2.28	2.27	2.24	2.21	2.15	2.10
		S/T	0.72	0.74	0.76	0.78	0.81	0.84	0.87
		PW(kW)	0.72	0.75	0.77	0.83	0.86	0.89	0.95
	84 °F/29°C DB 67°F/19.4°C WB	Tcc(kW)	3.26	3.11	3.08	2.89	2.75	2.67	2.46
		Scck(kW)	2.64	2.55	2.53	2.47	2.44	2.41	2.31
		S/T	0.81	0.82	0.82	0.85	0.89	0.90	0.94
		PW(kW)	0.73	0.77	0.80	0.85	0.90	0.94	0.96
	90 °F/32°C DB 73 °F/23°C WB	Tcc(kW)	3.29	3.19	3.11	2.93	2.84	2.69	2.51
		Scck(kW)	2.70	2.66	2.65	2.58	2.53	2.48	2.42
		S/T	0.82	0.83	0.85	0.88	0.89	0.92	0.96
		PW(kW)	0.75	0.78	0.83	0.86	0.91	0.98	1.00