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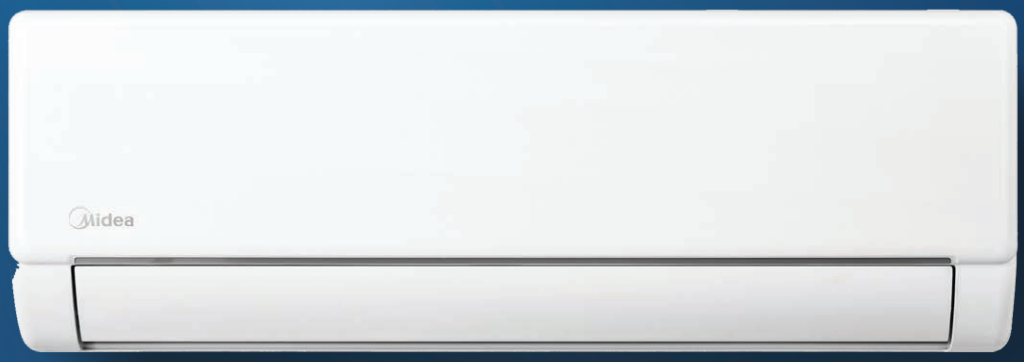

UNICOOL INVERTER

9 000BTU to 24 000BTU - R32

7 YEARS WARRANTY ON UNITS
Midea
10 YEARS WARRANTY ON COMPRESSOR
Midea Inverters

Smart, efficient comfort made refreshingly simple. The Midea **Unicool Inverter** Air Conditioner makes it easy to keep your home comfortably cool in summer and warm in winter, while helping you use energy more efficiently. Smart, dependable and designed for everyday living, it puts effortless comfort at your fingertips and offers lasting peace of mind .

- **ECOMaster AI Technology**
- **WiFi Enabled**
- **A-Rated Energy Efficiency**

Simply ideal

Midea

UNICOOL INVERTER



The Midea Unicool Inverter Air Conditioner makes year-round comfort simple. With AI ECOMASTER, you can enjoy smart, efficient performance with energy savings of up to 70%*, while Hyper Graphins technology provides up to 20 years of corrosion resistance for lasting durability. Plus, built-in Wi-Fi connectivity via the MSmartHome App puts effortless control at your fingertips, wherever you are.



9 000BTU to 24 000BTU - R32

Indoor			MSE-09HDN8-E1A	MSE-12HFN8-E1A	MSE-18HFN8-E1A	MSE-24HFN8-E1A
Outdoor			MOX1-09HDN8-E1A	MOX1-12HFN8-E1A	MOX2-18HFN8-E1A	MOX3-24HFN8-E1A
Power supply		V-Ph-Hz	220V_1Ph,FREQUENCY_50HZ	220V_1Ph,FREQUENCY_50HZ	220V_1Ph,FREQUENCY_50HZ	220V_1Ph,FREQUENCY_50HZ
Cooling (Standard conditions)	Capacity	Btu/h	9000	12000	18000	24000
	Range	Btu/h	3753~10919	4699~13478	3800~18620	4500~24500
	Input	W	822	1096	1643	2191
	Range	W	0.08 ~ 1.26	0.12 ~ 1.35	110~1820	300~2100
	Current	A	3,47	4,62	6,93	9,24
	Range	A	0.8~5.6	0.5~6.1	0.5~8.6	1.5~9.8
	EER	W/W	3,21	3,21	3,21	3,21
	Class In Cooling		A	A	A	A
Heating (Standard conditions)	Capacity	Btu/h	10000	13,000	18500	24500
	Range		2,832~12,284	3,651~14,672	4500~19950	5000~25000
	Input	W	790	1,010	1423	1885
	Range		0.14 ~1.16	0.11 ~1.25	120~1658	260~1800
	Current	A	3.7	4.6	6,00	7,95
	Range		1.2 ~5.2	0.5 ~5.5	0.5~7.8	1.8~8.4
	COP	W/W	3,61	3,71	3,81	3.81
	Class in Heating		A++	A++	A++	A++
Rated Power Input	W	2200	2200	2500	2800	
Rated Current	A		10.0	10.0	12	13
Compressor	Capacity	W	1915/3050±3%	1915/3050±3%	2020/3245 ±3%	4315
	Input	W	310/800±3%	310/800±3%	332/850 ±3%	1090
	Rated current(RLA)	A	2.35/4.95±3%	2.35/4.95±3%	2.42/5.70 ±3%	7.15
	Refrigerant oil/oil charge	ml	POE VG74 280±10 ml	POE VG74 280±10 ml	ESTER OIL VG74 280 ±10	ESTER OIL VG74 440
Indoor air flow (Hi/Mi/Lo)	m3/h		580/510/380/300/140	800/600/450/370/220	915/750/675	1150/840/670
Indoor noise level (Hi/Mi/Lo)	dB(A)		46/38/33/24/19	46/38/32/25/20	44/38/35	46/39/31
Indoor unit	Dimension(W*D*H)	mm	723.00×199.00×286.00	813.00×201.00×289.00	975x218x308	1055x231x330
	Packing (W*D*H)	mm	780×270×365	870×270×365	1035x295x385	1130x405x310
	Net/Gross weight	kg	7.0/9.2	8/10.3	10.4/13.4	11.9/15.4
Outdoor air flow	m^3/h	1,750	1,750	2100	2500	
Outdoor noise level	dB(A)	54.5	56.0	57.5	58	
Outdoor unit	Dimension(W*D*H)	mm	720.00×270.00×495.00	720.00×270.00×495.00	765x303x555	805x330x554
	Packing (W*D*H)	mm	835×300×540	835×300×540	887x337x610	915x370x615
	Net/Gross weight	kg	20.4/22.3	21.1/23	24.6/26.8	32/34.3
Refrigerant type	kg	R32/0.46	R32/0.58	R32/0.9	R32/1.1	
Design pressure	MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	25	30	30
	Max. difference in level	m	10	10	20	20
Connection wiring			1.5x5 / / / /	1.5x5 / / / /	1.5x4//	1.5x4//
Plug type			/ / 1.5x3no-plug	/ / 1.5x3no-plug	1.5x3	//no-plug
Thermostat type			(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)
Room temperature	Indoor(cooling/ heating)	°C	-15~50	-15~50	16~32/0~30	16~32/0~30
	Outdoor(cooling/heating)	°C	0~30	0~30	0~50/-15~24	0~50/-15~24
Qty'per 20' /40' /40'HQ			140/290/320	130/275/310	92/198/225	78/ 165/190

Midea reserves the right to discontinue or change specifications at any time without notice and without incurring obligation. E&OE
Remarks: The above design and specifications are subject to change without prior notice for product improvement.

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