

MISSION SERIES



Powerful and rapid cooling



SLEEK AND ELEGANT DESIGN

A curved and streamlined exterior that will fit into any interior, with air outlet and display screen discreetly hidden.

ENERGY SAVING TECHNOLOGY

A highly efficient inverter system and iECO energy saving technology make this air conditioner very economical to run.

THREE-DIMENSIONAL AIRFLOW

The directional air outlet moves automatically to direct airflow to every corner of the room.

FLASHCOOL TECHNOLOGY

The high frequency start-up system generates a strong flow of cool air in a very short time.

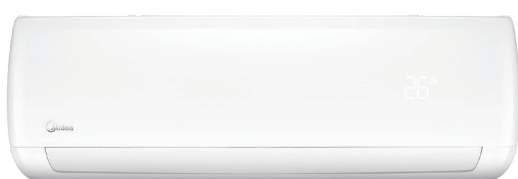
APP REMOTE CONTROL

Control the air conditioner and set timers easily through the app on your smartphone.

SMART DIAGNOSTIC

Automatic monitoring system that detects and diagnoses errors at an early stage. Error codes are clearly indicated for fast service.

MISSION SERIES



Indoor unit



Outdoor unit



Remote control



Arctic Fox Remote



Bill Control



WiFi Control



Turbo Mode



High Density Filter



Cold Catalyst Filter



Follow Me



2-way Draining



Smart Reminder



Smart Sleep Curve



Quiet Mode



Smart Diagnosis



"Diamond-Edged" Casing



Weekly Timer



Louver Position Memory



Refrigerant Leakage Detect



Auto Restart Function



8°C Heating

INDOOR			MB-09N8D6-I	MB-12N8D6-I	MB-18N8D0-I	MB-24N8D0-I
OUTDOOR			MBT-09N8D6-O	MBT-12N8D6-O	MB-18N8D0-O	MB-24N8D0-O
Nominal Cooling Capacity (min-max)		kW	2.6 (1.02 - 3.3)	3.5 (1.37 - 4.5)	5.3 (1.96 - 6.21)	7.0 (2.11 - 8.44)
Nominal Heating Capacity (min-max)		kW	3.0 (0.82 - 3.75)	4.0 (1.06 - 4.9)	5.7 (1.96 - 6.97)	7.6 (1.55 - 9.43)
UK Total Cooling Capacity		kW	3.15	4.26	5.82	7.67
Power supply (indoor power via outdoor)		V-Hz-Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
Cooling Current (min-max)		A	2.98 (0.35-4.78)	4.19 (0.5-7.2)	7.1 (0.7-9.7)	9.58 (1.7-12.6)
Heating Current (min-max)		A	2.83 (0.32-4.32)	4.19 (0.5-6.4)	6.5 (1.0-10.1)	8.82 (1.0-17)
Max. current		A	9.0	10.0	15.0	16.0
Outdoor Recommended Fuse Size		A	16	16	16	20
Interconnecting/Indoor Power Wiring		No.	5 Core 1.5mm	5 Core 1.5mm	5 Core 1.5mm	5 Core 2.5mm
Seasonal Efficiency SEER/Class		W/W	8.0/A++	8.0/A++	7.0/A++	7.0/A++
Seasonal Efficiency SCOP/Class		W/W	5.1/A++	5.3/A++	5.4/A++	5.1/A++
Indoor air flow (Hi/Mi/Lo)		m ³ /h	440/370/240	500/440/270	750/590/500	1050/700/550
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	35/29/22	36/33/27	40/35/31	44/38/29
Indoor unit	Dimension (W*D*H)	mm	730x198x293	810x200x300	980x225x325	1090x235x338
	Packing (W*D*H)	mm	810x285x375	890x285x385	1055x305x405	1165x420x315
	Net/Gross weight	Kg	7.4/9.8	8.3/11.2	10.7/14.3	13/16.7
Outdoor air flow		m ³ /h	1980	1980	2100	3300
Outdoor sound pressure level		dB(A)	49	49	49	54
Outdoor unit	Dimension (W*D*H)	mm	800x333x554	800x333x554	800x333x554	845x363x702
	Packing (W*D*H)	mm	920x390x615	920x390x615	920x390x615	965x395x765
	Net/Gross weight	Kg	28.5/31.4	28.5/31.4	36.9/39.6	49.7/51.2
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.65	0.65	1.25	1.6
	Additional Charge	g/m	12	12	12	24
Refrigerant piping	Liquid side/Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	25	25	30	50
	Max. height difference	m	10	10	20	25
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature	Indoor (cooling/ heating)	°C	16~32/0~30	16~32/0~30	16~32/0~30	16~32/0~30
	Outdoor (cooling/heating)	°C	-15~50/-25~30	-15~50/-25~30	-15~50/-25~30	-15~50/-25~30

Nominal Conditions: Cooling: indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.
Nominal Conditions: Heating: indoor 20°C DB, outdoor 7°C DB, 6°C WB.

UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.
Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.