

MISSION SERIES



Voice Control



Midea Air App



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.

3D AIRFLOW

The unit has auto horizontal and vertical swing function which supplies an even and comfortable airflow throughout the room.

SELF-CLEANING OUTDOOR UNIT

At the end of each operation the outdoor unit fan will run in reverse, removing dust to improve efficiency and reduce wear and tear.

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.

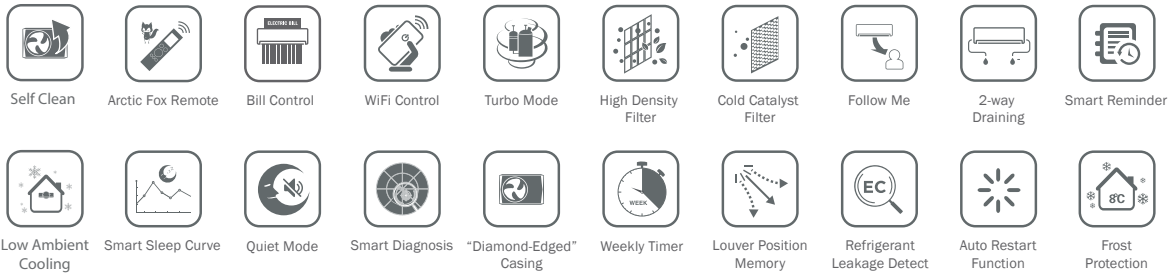
SMART DIAGNOSTICS

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

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MISSION SERIES



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		2.5(1.02-3.22)	3.4(1.37-4.3)	5.28(1.96-6.21)	7.03(2.11-8.44)
Nominal Heating Capacity (min-max)	kW		2.93(0.82-3.37)	3.81(1.07-4.38)	5.42(1.38-6.98)	7.62(1.55-9.44)
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)	m3/h		500/440/270	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	810x200x300	810x200x300	980x225x325	1090x235x338
	Packing (W*D*H)	mm	890x285x385	890x285x385	1055x305x405	1165x420x315
	Net/Gross weight	Kg	8.2/10.8	8.2/10.8	10.6/14.3	13/16.6
Outdoor air flow	m3/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	29.1/31.6	29.1/31.7	37.5/40.2	52.3/55.7
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.

*4 Core option is available