



Breezeless E

The Premium Corrosion Resistant Air Conditioner



Energy Saving Report

The highly precise power detection technology can trace your energy consumption footprints, identify high energy consumption causes and propose customised energy-saving tips via MSmart Home App.



i-Clean Technology

4-Step self-cleaning technology at up to 56°C high temperature which deeply purifies the evaporator in the air conditioner, keeping your air supply clean and fresh.



Breezeless Technology

Twinflap™ structure with 5013 mini holes can transform the strong air flow into thousands of tiny strings of air that gives you softest touch of cooling.



Smart Sleep Curve

Midea Breezeless E adjusts the temperature automatically while you sleep, according to your advanced settings in the MSmart Home App.



Breezeless E

REALISE ECO COMFORT WITH INTELLIGENT LEARNING TECH

Equipped with the latest intelligent learning technology, the Midea Breezeless E proactively calculates various possibilities to achieve better air conditioning and allows for energy saving. It provides a comfortable experience through Breezeless cooling, Heating, Air magic + sterilisation and Over-the- Air technology (OTA).

Intelligent Learning Tech for Extra Energy Saving

The latest intelligent technology proactively, every 30 seconds, detects changing factors in your surroundings and adjusts the temperature accordingly, saving energy by 20%.

Instant Breezeless Cooling Comfort

5013 Mini-holes with our glass structure softens the air delicately. Cools down 6.3 °C within 10 minutes*.

*Based on lab data in specific conditions.

Instant Heating as a Heatpump

Instantly warms you in cool weather as low as -20 °C. Heats up to 10.4 °C within 10 minutes*.

* Tested under the outdoor temperature of 2 °C

Air Magic+ Sterilizer

Negative ions inhibit activity and kills (include the rest)

Over-The-Air Technology

Constantly updates the product functional performance.

Highlights

Energy Saving Report



The highly precise power detection technology can trace your energy consumption footprints, identify high energy consumption causes and propose customized energy-saving tips via MSmart Home App.

Intelligent Learning Algorithm for Extra Energy-Saving



Midea Breezeless E could intelligently predict and perform the most energy-efficient air conditioning operation program with extra energy saving rate up to 20% for Eco Comfort.

Smart Sleep Curve



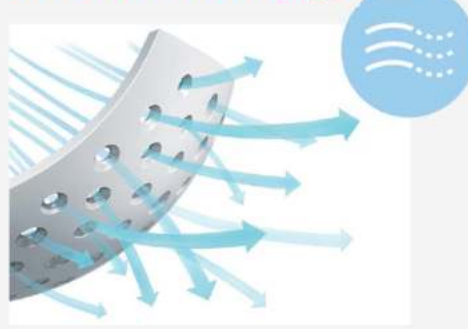
Midea Breezeless E adjusts the temperature automatically while you sleep, according to your advanced settings in the MSmart Home App.

Cool Flash Plus



Midea Cool Flash technology can reduce your whole room by 6.3 C in 10 minutes*.

Breezeless Technology



Twinflap™ structure with 5013 mini-holes can transform the strong airflow into thousands of tiny strings of air that gives you softest touch of cooling.

Heat Flash



With fast and strong heating airflow, the Heat Flash technology can warm up your whole room in a short time. The room temperature can rise by 10.4°C within 10 minutes.

Air Magic+



Negative ions inhibit the activity and kill bacterias including escherichia coli, staphylococcus aureus and H1N1.

i-Clean



4-Step self-cleaning technology at up to 56 °C high temperature, which deeply purifies the evaporator in the air conditioner, keeping your air supply clean and fresh.

Over-The-Air Technology



OTA technology allows you to update your air conditioner settings remotely. With that, Midea Breezeless E can continuously perform product upgrade, functional optimisation.

Breezeless E

The Premium Corrosion Resistant Air Conditioner



Model			BZE-INV-09	BZE-INV-12	BZE-INV-18	BZE-INV-24
Indoor			BZE-INV-09	BZE-INV-12	BZE-INV-18	BZE-INV-24
Outdoor			BZE-INV-09X	BZE-INV-12X	BZE-INV-18X	BZE-INV-24X
Power Supply		V-Ph-Hz	220-240V, 1Ph, FREQUENCY 50Hz	220-240V, 1Ph, FREQUENCY 50Hz	220-240V, 1Ph, FREQUENCY 50Hz	220-240V, 1Ph, FREQUENCY 50Hz
Cooling	Capacity	Btu/h	2784	3517	5275	7034
	Input	W	733	1099	1608	2191
	Current	A	3.19	4.78	6.99	9.53
	EER	W/W	3.80	3.20	3.28	3.21
Heating	Capacity	Btu/h	2931	3810	5569	7181
	Input	W	669	995	1432	1967
	Current	A	2.91	4.33	6.23	8.55
	COP	W/W	4.38	3.83	3.89	3.65
Rated power input		W	2200	2200	2950	4140
Rated current		A	10.5	10.5	13	18
Starting current		A	0	0	0	/
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSN140D21UFZ	KTM240D46UKT2
	Type		Rotary	Rotary	Rotary	Rotary
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	W	2035/3255	2035/3255	4385	4780/7600
	Input	W	325/826	325/826	1140	805/2045
	Rated current (RLA)	A	2.40/5.65	2.40/5.65	7.5	4.15/9.30
	Locked rotor Amp (LRA)	A	/	/	/	0
	Thermal protector		/	/	/	None
	Thermal protector position		NA	NA	/	NA
	Capacitor	µF	/	/	/	0
Refrigerant oil / oil charge	ml	ESTER OIL VG74 310	ESTER OIL VG74 310	VG74 440	VG74 620	
Indoor fan motor	Model		ZKFP-20-8-198	ZKFP-20-8-198	ZKFP-30-8-297L	ZKFP-58-8-25L
	Input	W	/	/	/	/
	Capacitor	uF	/	/	/	/
	Speed (Hi/Mi/Lo)	r/min	1000/860/790	1020/870/800	1000/850/650	1050/900/830
Indoor coil	a. Number of rows		2	2	2	2
	b. Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6	21x13.37	21x13.37
	c. Fin spacing	mm	1.3	1.3	1.3	1.3
	d. Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e. Tube outside dia. and type	mm	ø5 Inner groove tube	ø5 Inner groove tube	ø7 Inner groove tube	ø7 Inner groove tube
	f. Coil length x height x width	mm	580x195x23.2+580x117x23.2	580x195x23.2+580x117x23.2	720x231x26.74+720x147x26.74	780x252x26.74+780x126x26.74
	g. Number of circuits		4	4	3	4
Indoor air flow (Hi/Mi/Lo)	m3/h	510/415/375	520/420/380	835/620/510	1170/950/810	
Indoor noise level (Hi/Mi/Lo)	dB(A)	37.0/32.0/20.0	37.5/35.5/20	41/36.5/32.5	45.0/40.5/30.5	
Indoor unit	Dimensions (W*D*H)	mm	812x299x199	812x299x199	968x225x320	1030x238x338
	Packing (W*D*H)	mm	870x277x385	870x277x385	1027x307x412	1125x430x345
	Net/Gross weight	Kg	9.1/11.6	9.3/12.2	12.3/16.2	14.0/18.6
Outdoor fan motor	Model		ZKFN-25-10-5L	ZKFN-25-10-5L	ZKFN-34-10-1L	ZKFN-80-10-1L
	Input	W	/	/	/	/
	Capacitor	uF	/	/	/	/
	Speed	r/min	800/600	800/600	780/650	830/550
Outdoor coil	a. Number of rows		1	1	2	1.6
	b. Tube pitch(a)x row pitch(b)	mm	21x22	21x22	21x22	21x22
	c. Fin spacing	mm	1.3	1.3	1.3	1.3
	d. Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e. Tube outside dia. and type	mm	ø7 Inner groove tube	ø7 Inner groove tube	ø7 Inner groove tube	ø7 Inner groove tube
	f. Coil length x height x width	mm	740x462x22	740x462x22	860x504x44	900x609x22+540x609x22
	g. Number of circuits		2	2	4	5
Outdoor air flow	m3/h	1850	1850	2100	3500	
Outdoor noise level	dB(A)	55.5	56	57	59.5	
Outdoor unit	Dimensions (W*D*H)	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross weight	Kg	22.7/24.4	22.9/24.6	32.3/35.1	41.9/45.0
Refrigerant	Type	Kg	R32/0.55	R32/0.62	R32/1.1	R32/1.45
	GWP		4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
	Charged quantity	Kg	0.55	0.62	1.1	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	50
	Max. difference in level	m	10	10	20	25
Connection wiring		1.5XS//	1.5XS//	1.5XS//	2.5XS//	
Plug type		//no-plug	//no-plug	//no-plug	//no-plug	
Thermostat type		Remote control	Remote control	Remote control	Remote control	
Room 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/-20-24	-15-50/-20-24	-15-50/-20-24	-15-50/-20-24
Application area (Cooling Standard)	m2	13-19	16-24	24-35	32-47	
Qty per 20' / 40' / 40'HQ		128/265/302	128/265/302	81/174/196	63/137/150	