Air Magic +

Negative Ions can inhibit activity of bacteria and aviruses. Under the effect of electric field generated by outerdoubletube emitter, millions of negative Ions are formed to eradicate bacteria and viruses.

Sterilization Rate :

H1N1: 99.99% **COVID-19: 99.13%**

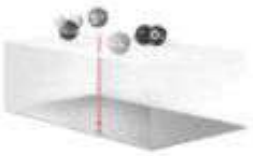
E. Coli: 97.43% **S. Aureus: 98.17%**

* COVID-19: Tested by Fraunhofer IPA, Report NO.330241-23003; 15 m³ room size;93-223 min.
* H1N1, E.Coli, S.Aureus: Tested by Intertek, Report NO.221180306021U-002; 230V/50Hz; 120 min; 20m³ test chamber size.

HYPER GRAPFINS™

12.5X* Corrosion Resistance than Blue Coated Fins

Graphene is a single monolayer of carbon atoms, tightly bound in a hexagonal honeycomb lattice. When graphene is added to the anti-corrosion layer, the density of the layer can be improved to resist corrosion.



Ordinary Coating

HYPER GRAPFINS

* The judgment standard of corrosion resistance is based on comparing the maximum corrosion area ratio of the rating number in JIS Z 2371-2015.Compared samples are Midea fins.

HYPER GRAPFINS™ is Verified By Three Test Standards

1st Test Standard

20 to 50-year -corrosion-resistance fin

Depended on the using industrial environment with salt contamination.

2nd Test Standard

Midea Exclusive Anti-aging Technology Test

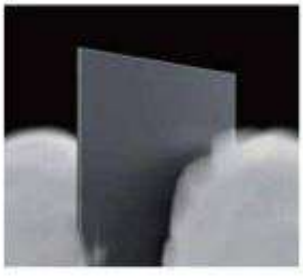
After 240 hours UV test and 72 hours neutral salt spray(fog) test

0.02% corrosion area | **12.5X** corrosion resistance than blue fin

* Midea exclusive anti-aging technology. Refrost standard is GB/T 20853-2007 Hydrophilic aluminum foil.

3rd Test Standard

Stand Up to Neutral Salt Spray Test for 1500h



AI Saving

Precisely AI controls room temperature within ±0.5°C and 40%+ energy saving rate, both verified by SGS.

Not Comfortable Cooling Experience

1st Generation	2nd Generation
only **8 hours** of Energy Saving	**24 hours** of Energy Saving

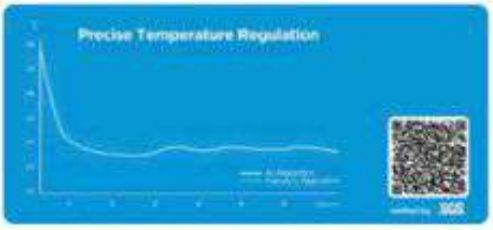
3rd Generation

iECO Mode

Balance cooling comfort and energy savings. Through self-learning and self-adaptation, iECO mode predicts and accurately controls the required cooling capacity based on environmental changes and user preferences, thereby minimizing AC energy consumption while ensuring comfort.

Precisely AI Controls Room Temperature Within ±0.5°C

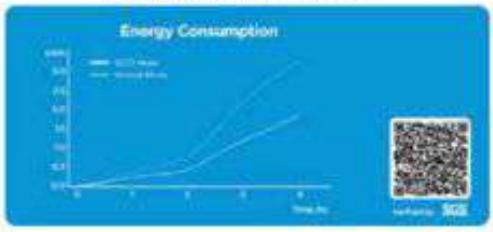
Precisely AI controls room temperature within ±0.5°C. The AI deep learning would automatically control the air-conditioner to infinitely reach the preset temperature according to user habits.



* Verified by SGS, Report No.GZEE240100007101, 12000Btu/h, 50HZ, iECO mode 26°C compared with normal mode 26°C, initial temp: indoor 32°C and outdoor 35°C.

40% Extra Energy Saving Rate

Actively detecting changing factors in the surrounding environment every 30 seconds to avoid sudden temperature fluctuation, iECO mode saves 40% extra energy than normal mode when running for 4 hours.



* Verified by SGS, Report No.GZEE240100007101, 12000Btu/h, 50HZ.

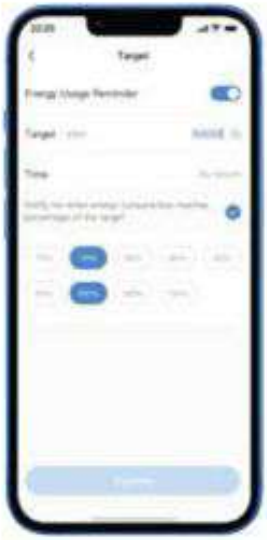
Visual Energy Management

Energy Report

Enjoy a life of visible energy saving. Detect the power consumption of the AC on the Smart Home APP to get daily, weekly and monthly reports.

Energy Reminder

Set a target energy consumption within a certain period. Once the energy consumption reaches percentage of the target, you will be notified.



Temp Range Control

Set the operating temperature range and limit extreme high or low temperatures to reduce unnecessary power consumption.

Comfort Cooling

Twinflag™ with 5013 micro-holes softens airflow. 3 adjustable comfort modes are to be chosen.

Breezeless

Midea Twinflap™ ,through the cooperation of double micro-holes air deflectors, the wind speed and temperature of the air conditioner are accurately adjusted, offering multiple comforts of cooling.

Midea Twinflap™ with 5013 micro-holes

Hourglass-shaped Structure

3 Adjustable Comfort Modes

Softly Cool You Down Without Noticeable Breeze.

Breeze Away
Protects you from the direct cold airflow

Breeze Mild
Ensures even cooling throughout the room while softening airflow

Breezeless
100% softens airflow for breezeless cooling

Cool Flash

Coolflash breaks through the algorithm control limit and runs ultra-frequency to achieve instant cooling. With just one press of the CoolFlash button, your room could be quickly cooled down to your desired temperature, immersing you in an evenly cool room.

UP TO ↑20% Faster Cooling vs. Non-Inverter AC
6°C in 10 mins from 36°C to 30°C[1]

726m³
Air Volume

9.0m
Air Distance[2]

1. Tested by Midea Lab for 10-minute cooling. The room temp of 1.5HP BreezelessE dropped by 6°C, while Midea 1.5HP non-inverter AC dropped by 3 °C, with an initial room temp is 36°C, and the outdoor temp is 43°C, 60% RH.
2. Tested on the 1.5HP BreezelessE AC by Midea Lab, the farthest distance in the high-speed fan mode is not less than 0.3m/s.

High Temperature Operation

Stable cooling beats the heat. Even at high temperatures of up to 55°C, BreezelessE still operates effectively, beating heat and providing stable cooling to the room.

Sleep Curve

Customize your preferred sleep temp with the sleep curve function on the Smart Home APP for a better sleep experience.

FEATURES

HYPER GRAPFINS

Anti-Corrosive Coated Pipe

TUI Corrosion-resistance Copper Tube

ECO Mode

Smart Control

Air Magic+

55°C Cool

Cool Flash

Breezeless Cooling

Visual Energy Management

Sleep Curve (by Apps)

APPEARANCE

Indoor Unit

Remote Control

Outdoor Unit

SPECIFICATIONS

Model	Indoor		MSEBE-10CRFN8	MSEBE-13CRFN8	MSEBE-19CRFN8	MSEBE-25CRFN8
	Outdoor		MSEBE-10CRFN8	MSEBE-13CRFN8	MSEBE-19CRFN8	MSEBE-25CRFN8
Cooling Capacity	Rated (Min-Max)	Btu/h	10,000 (2,812-12,430)	12,000 (3,024-14,430)	18,000 (6,600-21,400)	24,000 (4,700-28,300)
Power consumption	Rated (Min-Max)	W	751 (138-1,283)	1,060 (193-1,372)	1,600 (150-2,250)	2,480 (300-3,260)
Running current	Rated (Min-Max)	A	3.9 (2.84-5.98)	4.6 (1.54-6.04)	7.0 (0.7-9.8)	10.8 (1.3-14.0)
CSPF(Cooling seasonal performance factor)		Wh/Wh	5.95	5.49	5.37	5.17
Energy Efficiency Star Rating						
Power supply		V,Hz,Ph	220-240V~,50Hz,1Ph (power supply to outdoor)			
Indoor unit	Indoor air flow (H)	m³/h(cfm)	580 (341)	580 (341)	835 (491)	1,170(688)
	Indoor Sound level (H/M/L)	dB(A)	37.5/30.5/27.5	37.5/30.5/27.5	41/36.5/32.5	45.0/40.5/30.5
	Dimension(W*D*H)	mm	812x199x299	812x199x299	968x225x320	1030x238x338
	Packing (W*D*H)	mm	870x277x385	870x277x385	1027x307x412	1125x430x345
	Net/Gross weight	Kg	9.2/12.2	9.2/12.2	12.3/16.2	14.0/18.6
Outdoor unit	Outdoor Sound level	dB(A)	54.5	54.5	57	59.5
	Dimension(W*D*H)	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross weight	Kg	20/22	20/22	32.3/35.1	41.9/45.0
	Refrigerant Charge	g	R32/500g	R32/500g	R32/1100g	R32/1450g
	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)	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. difference in level	m	10	10	20	25
Indoor-Outdoor connection wiring (Not included)			4x1.5 mm2	4x1.5 mm2	5x2.5 mm2	5x2.5 mm2
Power supply wiring (Not included)			3x1.5 mm2	3x1.5 mm2	3x2.5 mm2	3x2.5 mm2
Thermostat type			Wireless Remote Control,Smart App control(build in), (Wired control optional)			