



TREME PLUS INVERTER



AI ECOMASTER
Upto 75% Electricity Savings



SMART CONTROL
Control AC Anytime, Anywhere

COOL FLASH
Cools Down by 6°C in 10 mins



PRIME GUARD
Prime Durability with Hyper Grapfins

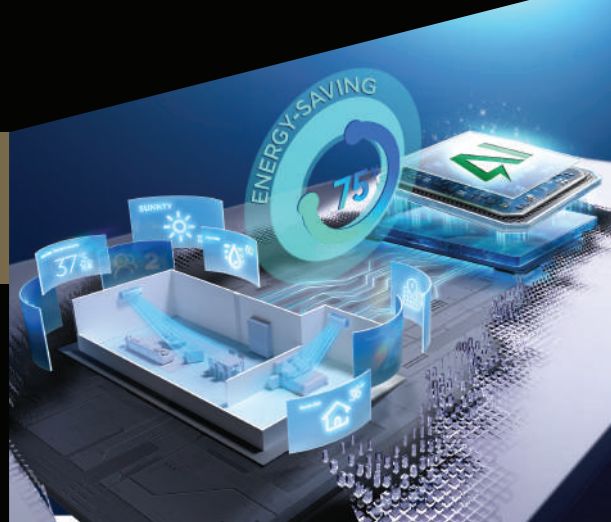
AIR MAGIC
Breathe Healthy & Clean Air



FULL DC INVERTER
DC Inverter Tech in all Components



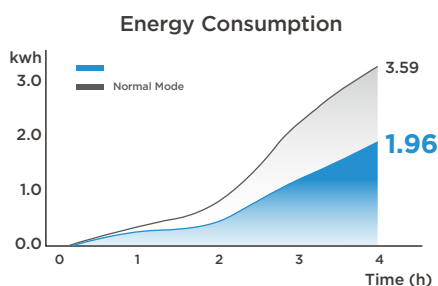
**Master AI Saving
Better Comfort Living
Upto 75%* Energy Savings**



Energy Saving

Powered by the industry's largest AC operational data, ECOMASTER can deliver upto **75%** energy savings much faster and more accurately far ahead of non-inverter technology air conditioners.

One Click, Master Comfort Saving



MASTER
Energy Saving with AI Algorithm

75%* Electricity Savings
Over Conventional Non-Inverter ACs



Smarter Than Smarter, Master Precise Control

By pre-training the multi-dimensional environmental factors, ECOMASTER can predict the best AC operation strategy based on user historical preferences and dynamic room conditions.

This smarter AI algorithm allows more precise indoor adjustments than traditional algorithm to enhance occupant comfort with less energy consumption.

Conventional Inverter Control
Imprecise Control, High Temperature Fluctuation, Energy Wastes

- 1 Single data source of only indoor temperature
- 2 Simple control logic from limited preset settings without reacting to changes in the condition of the room

AI ECOMASTER

Faster and Precise Control
Achieving Energy Saving and Comfort

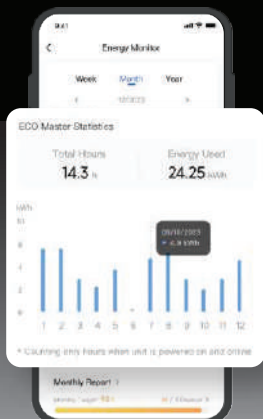


Multi-dimensional Data Sources
(Real-time indoor and ambient condition data, AC operational data, weather forecast data)



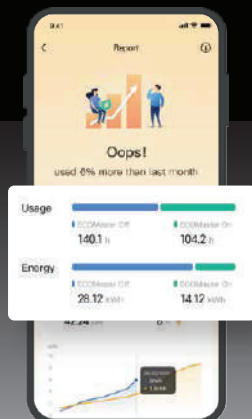
Predict data every 30s and response to the environment temp. precisely based on environmental changes and user preferences

Master Visible Saving Under Your Thumb



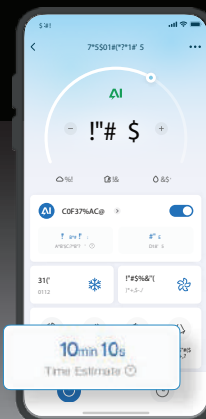
Energy Monitor

Through the SmartHome App, you can monitor the daily, weekly, and monthly usage duration and power consumption of the air conditioner.



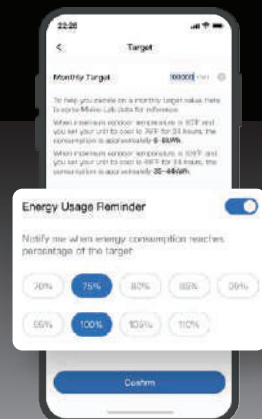
Energy Report

Regular reports will show ECOMASTER activation time, power usage, and comparisons with the normal mode.



Time Forecasting

Active ECOMASTER at cool mode, you can see how soon the room temperature is going to reach the target temperature.

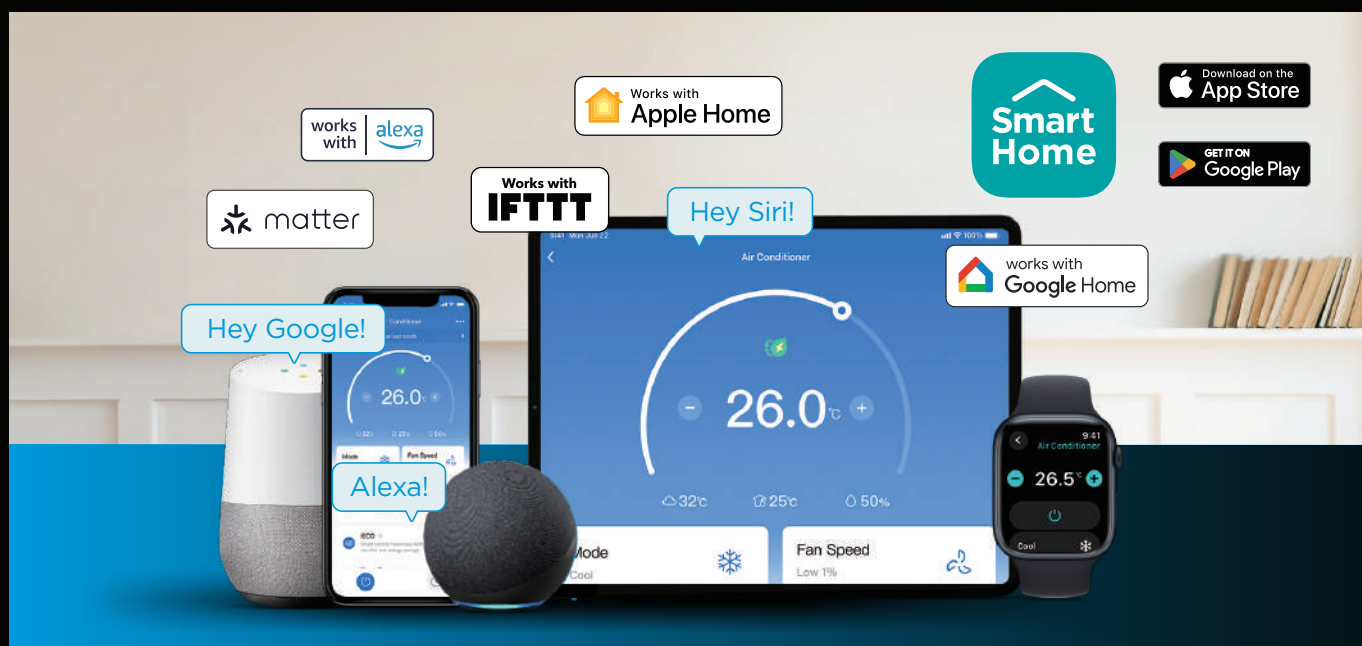


Energy Target and Forewarning

Set your monthly target and turn on the reminder and then the App will send you a notification if over-use.

SMART HOME CONNECTION

Midea Xtreme Plus AC supports multiple device connections, including tablets, smart speakers, and smart watches, allowing you to control the air conditioning hands-free anytime and anywhere without a remote control. Users can effortlessly adjust various comfort modes while relaxing at home, or start the cooling on your way home from work to enjoy a refreshing atmosphere as soon as they arrive. It also supports device sharing, so multiple users can enjoy coolness at will.



PRIME GUARD

Hyper Grapfins

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.

HYPER GRAPFINS is verified by three test standards

1 20 to 50-year -corrosion-resistance fin

Depended on the using industrial environment with salt contamination

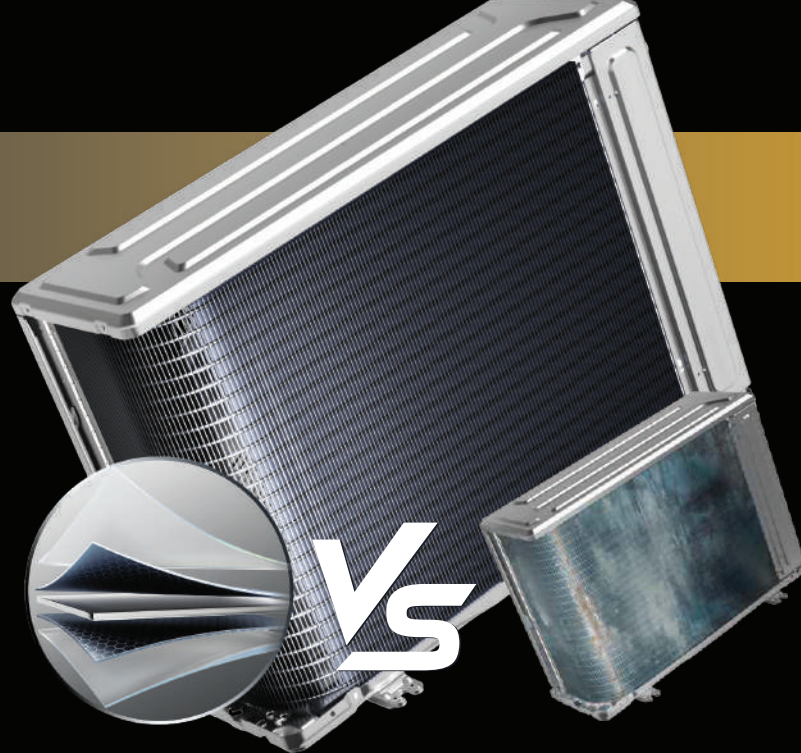
2 After 240 hours UV test and 72 hours neutral salt spray (fog) test

0.02% **12.5X**
corrosion area corrosion resistance
than blue coated fins

3 Stand Up to Neutral Salt Spray Test for

1500h

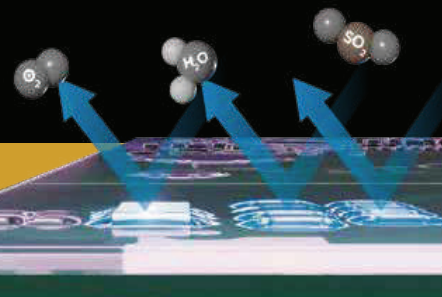
* The judgment standard of corrosion resistance is based on comparing the maximum corrosion area ratio of the rating number in JIS Z 2371-2015. Compared samples are Midea fins: Midea blue coated fins in HD2202-2/HW3308. Midea HYPER GRAPFINS in HMD011/HW3308.



Reliable PCB With UV Conformal Coating

The enhanced PCB is covered with up to 100 μm UV conformal coating, enjoying 2X thicker and higher density protection.

2X
Thicker



Wide Voltage Operation

Thanks to Ultra Electronic Control System, Midea's Inverter can work stably in 90V-265V*.

Whether it is the peak of urban electricity consumption or the shortage of power supply in remote areas, it can always work consistently and smoothly.

CONVENTIONAL 184V-265V MIDEA 90V-265V

Auto Dedusting

The fan of the outdoor unit can rotate in reverse to blow away the dust on the outdoor side heat exchanger, which can effectively maintain efficient heat exchange of the outdoor unit and reduce the frequency of cleaning it.



TURBOJET ENGINE

180° Rotating Louver All-rounded Cooling & Heating

The innovative 180° rotating louver breaks through the angle limitation of traditional air conditioning ventilation, allowing your air conditioner to distribute cooling or heating across a broad spectrum, from 0° to 180°, ensuring that no corner of the room is left uncomfortable.



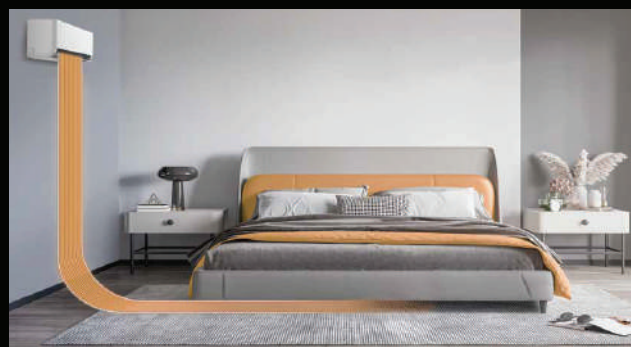
180° Rotating Louver

Control of Air in All Angles



Horizontal 0° Ceiling Flow Immersive Cooling from Head to Toe

By directing the cool airflow along the ceiling, the air is given more time to mix and circulate before reaching the occupants, creating a more immersive cool environment without direct wind blow.



Vertical 0° Waterfall Flow Flash heating without Direct Wind Attack

By directing the warm airflow along the ground, the air would rise up slowly from feet, avoiding the discomfort of hot air blowing into the face while the rest of the body is still cold.

ONE CLICK COOLFLASH

The latest generation of COOLFLASH achieves faster cooling speed, stronger air circulation, larger swing angle, and further airflow distance through dual upgrades of hardware and software.

With one press of the COOLFLASH button, your room can be quickly cooled down to the desired temperature, immersing you in an evenly cool room.

6°C in 10min*
from 36°C to 30°C



AIR MAGIC

Dual-core Ion Sterilization

The innovative sawtooth-tip row-type efficient electrode generates energetic particles and hundreds of millions of high-concentration negative ions. Hydroxyl radicals produced break down the DNA structures of bacteria and viruses, allowing for longer transmission of negative ions, expanding the sterilization range, and boosting the sterilization effect.

162.5 Million Ions/cm³
99.9%* Sterilization



Staphylococcus aureus



E. Coli



H1N1



EV71



Super Ion Sterilization

With the upgrade to the two-stage dual-path boost circuit, more powerful negative ions are generated by the superimposed distorted electric field. They deodorize, inhibit bacteria and virus growth, and effectively kill germs.

99.9%*

Verified by **intertek**
Total Quality. Assured.



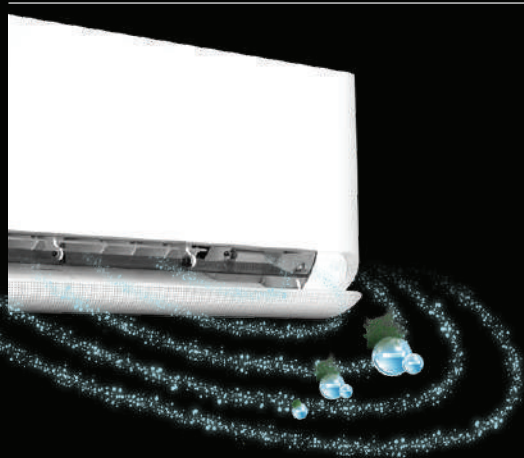
H1N1¹



Staphylococcus aureus²



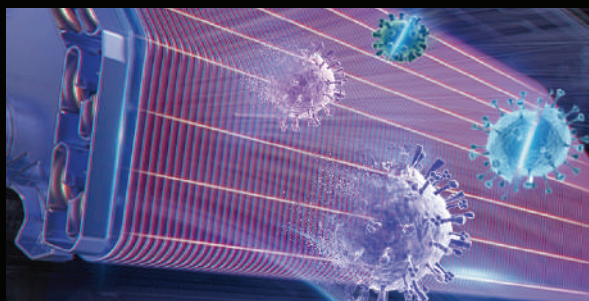
E. Coli²



Ion Sterilization

After the single-stage boost circuit is powered on, a large number of energetic positive and negative ions are generated through the electric field, which can destroy and eliminate floating bacteria and viruses in the air.

99%* Virus Elimination



UVC Sterilization

The built-in UVC bead prevents the growth and survival of bacteria and viruses, keeping the AC's evaporator clean and providing users with healthier room air.

I-CLEAN TECHNOLOGY

Midea Xtreme Plus AC has been upgraded from water washing (20 mins) to frost cleaning (42 mins), which can remove more dust and bacteria, keeping the AC clean and performing well.

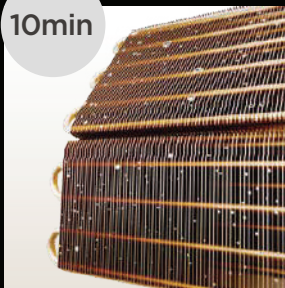


1

Condensed Water

Cooling mode & Mid-speed wind

10min



2

Frosting

The temperature cools rapidly ($T \leq -10^{\circ}\text{C}^*$) and frost forms on the evaporator surface.

10min



3

Washing

Defrost into water to remove dust and dirt.

20min

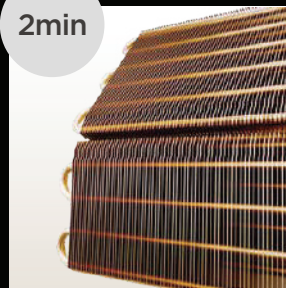


4

Drying

Dry the evaporator to prevent mold growth.

2min



FULL DC INVERTER SYSTEM

DC Inverter Compressor

A series of hardware technology improvements ensure that the compressor operates more efficiently and economically at low frequencies, enhancing the overall efficiency of the unit.

DC Inverter Motor

Through intelligent control systems and inverter technology, DC inverter motors could achieve efficient energy savings and be resistant to voltage fluctuations, ensuring high-efficient and stable operation.

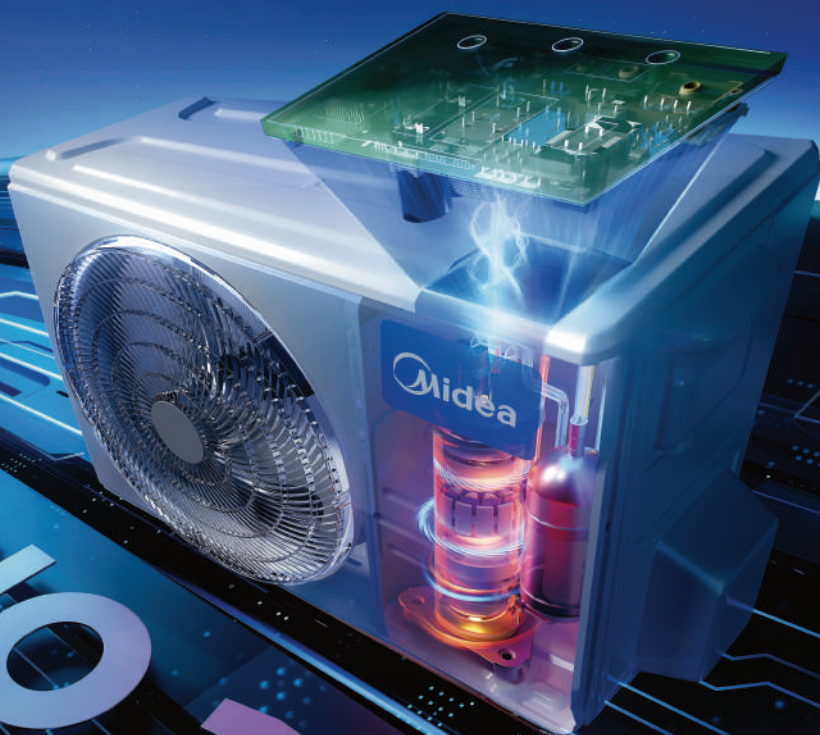


China Patent
Gold Award



Compressor
Operation

HIGH-EFFICIENT ENERGY SAVING



WORLD'S NO.1
INVERTER AC

TECHNICAL SPECIFICATIONS:

Model No			MSEZBU-12HRFN8	MSEZCU-18HRFN8	MSEZDU-24HRFN8
Power Supply		V-Hz-Ph	220-240-50Hz-1Ph	220-240-50Hz-1Ph	220-240-50Hz-1Ph
Cooling	Capacity	Btu/h	12000	18000	24000
	Input	W	1035	1600	2600
	Rated Current	A	4.7	7.1	11.5
	EER	W/W	3.40	3.25	2.69
Heating	Capacity	Btu/h	13000	18400	25000
	Input	W	975	1390	2150
	Rated Current	A	4.4	6.1	11
	COP	W/W	3.91	3.88	3.41
Compressor Specification	Type		Rotary	Rotary	Twin Rotary
	Brand		GMCC	GMCC	GMCC
	Input	W	813	1127	1980
	Refrigerant type	kg	R32/0.58	R32/0.80	R32/0.95
Refrigerant Piping	Liquid Side	mm (Inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Side	mm (Inch)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)
	Max.refrigerant pipe length	m	25	30	50
	Max.difference in level	m	10	20	25
Indoor Air Flow	(Hi / Med / Low)	m3/h	600/450/370	1000/868/802	1050/910/840
Indoor Noise Level	(Hi / Med / Low)	dB(A)	39/32/26	43/36/32	45/40/34
Outdoor Noise Level		dB(A)	55	57.5	60
Indoor unit	Dimension (W x D x H)	mm	813x201x289	975x218x308	1055x231x330
	Net Weight	kg	8	10.3	12.4
Outdoor unit	Dimension (W x D x H)	mm	765x303x555	805x330x554	890x342x673
	Net Weight	kg	23.1	29.8	38.3

Note: The above mentioned specifications may change due to continuous R&D without prior notice.