

Master AI Saving, Better Comfort Cooling

Real AI master control based on giga-scale big data. Balancing energy-saving and comfort needs.



MASTER
GIGA DATA



MASTER
PRECISE CONTROL



MASTER
COMFORT SAVING



1 Bigger Than Bigger, Master Giga Data

Powered by the industry's largest operational data, ECOMASTER can deliver much faster and more accurate comfort energy saving far ahead of conventional inverter technologies.

Master World's Largest Inverter AC Production

41 Millions



Master Industry Largest AC Operational Data

100 Billions



Master Energy Innovation Globally with

805 Patents



2 Smart Than Smarter, Master Precise Control

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

AI ECOMASTER VS Other ECO

Faster and Precise Control Achieving Energy Saving and Comfort

- 1 Multi-dimensional Data Sources
Real-time indoor and ambient condition data, AC operational data, weather forecast data
- 2 Predict data every 30s and response to the environment temperature precisely.

Imprecise Control, High Temperature Fluctuation, Energy Wastesa

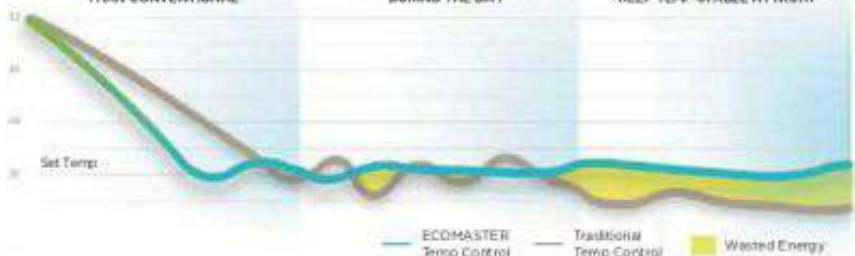
- 1 Single data source of only indoor temperature
- 2 Simple control logic from limited preset settings without reacting to changes in the condition of the room.

3 Inverter Than Inverter, Master Comfort Saving

COOL DOWN FASTER THAN CONVENTIONAL

LESS TEMP FLUCTUATIONS DURING THE DAY

DECREASE IN OUTPUT AND KEEP TEMP STABLE AT NIGHT



* Percentage energy saving compared to the lowest 2 stars rated air conditioning. 49% is applicable to 5HP Avigator Inverter.

MASTER

40%⁺ Extra
Energy Saving with AI Algorithm

Verified by



MASTER

AI Temperature Control
±0.3°C

* Compare the 4-hour power consumption of the same model in ECOMASTER mode and Normal mode.



VISIBLE SAVING UNDER YOUR THUMB



Energy Monitor
Monitor the daily, weekly, and monthly usage duration and energy consumption of the air conditioner.



Energy Report
The energy consumption report includes ECOMASTER activation time, energy usage, and comparisons with the previous month.



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



Energy Reminder
Set a monthly energy consumption target, and you will be notified once the consumption reaches a percentage of the set target.

SMART CONTROL





LBS
Location Based Services
The AC can adjust its mode based on the location, e.g. automatically turning on the AC from 15km away before arriving home.



Sleep Curve
Customize your preferred sleep mode with sleep duration, temperature and fan speed.



Gear Control
Upgraded to 5 levels to achieve more accurate power control to meet different usage scenarios.

TURBOJET ENGINE SYSTEM

Higher Efficiency, Larger Air Volume, Stronger Cooling



Evaporator
Larger evaporator for higher heat exchange efficiency

Air Volume	U Tube
+15mm	+2 More

Cross Flow Fan
Larger cross flow fan brings a stronger cooling experience.

Length	Diameter
+12mm	+6mm

Rotating Deflector
Larger swing angle, further air distance.

LIVING ROOM
Enjoy Cooling From A Distance



BEDROOM
Avoid Direct Wind and Sleep in Immersive Cooling



COOL FLASH

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.

25%* Faster Cooling
v.s. Non-inverter AC
31°C in 10min from 39°C to 30°C

Air Volume	Air Distance**
787M³/h	9.2M



* Based on the 1.5HP Inverter AC in turbo mode by Midea LUB. The fastest distance refers to a wind speed of 4.0m/s (14.8km/h).

** Tested on the 1.5HP Inverter AC in turbo mode by Midea LUB. The farthest distance refers to a wind speed of 4.0m/s (14.8km/h).

Prime Guard

Prime technologies in reliability and durability Guard comfort cool.

TU1 Corrosion-Resistance Copper Tube

70% less impurities than ordinary tubes.

Compared with the ordinary tubes, TU1 reduces the impurity content, and its corrosion resistance and thermal conductivity are improved.

TP2

More Impurities & Less Consistency

VS

TU1

Fewer Impurities & Better Consistency



Silver Shield Anti-corrosive Coating

Both sides of the evaporator are coated with "environmentally friendly polymer coating & technological baking method" to prevent the copper pipe from being polluted and corroded by air pollutants, making it more secure and durable.

<0.1% vs **>50%**

Anti-corrosive Coated Pipe

Ordinary Pipe



Verified by **intertek** *1 Depends on the using industrial environment with salt concentration Ref. ISO 22007:2005 Annex A, test method B

Wide Voltage Operation

Thanks to Ultra Electronic Control System, Midea's Inverter can work stably in 80V-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 384V 265V

MIDEA 80V 265V



** The voltage operation range of 80V is 80-265V, 85V is 180-265V, and 78V and above is 120-260V

Reliable PCB with UV Conformal Coating

Curing using UV light. Greener and with 2x Thicker and Higher Density Protection

Corrosion Area **<0.02%*** Rating Number **9.8****

Verified by **intertek**

*1 Dependent on the using industrial environment with salt concentration Ref. ISO 22007:2005 Annex A, test method B, #5.2.231/243 Annex J/C

** The full rating number is 10



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.



Verified by **intertek**

AUTO DEDUSTING

When the AC is turned off, the fan blade of the outdoor unit will automatically rotate in reverse to get rid of the accumulated sand and dust, ensuring the AC is clean and operates well in any environment.

** The judgment standard of corrosion resistance is based on comparing the maximum corrosion area ratio of the rating number in BS 7 257:2005. Compared sample air Midea Blue Coated Fins in HCL2/242/HW3308, Midea HYPER GRAPFINS in HCL2/242/HW3308.

Healthy Air Management

I - Clean Reclean the AC, Refresh your breath.

Midea Inverter 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.



99%†† Virus Elimination Rate



ION GENERATOR

Air magic 365 Days to a Clean, Fresh, Healthy Air

Under the effect of electric field generated by ion generator, millions of positive and negative ions are formed to eradicate bacteria and viruses with higher sterilization rate.

Moreover, running the "Air Magic" feature in fan mode 24 hours a day consumes less than 1 kWh.

†† Tested by Guangdong Detection Center of Microbiology, Test time: 2h, Virus: H5N1



Easy To Install

Pull-down Structure

Just loosen ONE screw to remove the PULL-DOWN Structure, and stretch out the Built-in Support Holder for enlarged working space and improved visibility, providing installers with a better installation solution.



Easier, Quicker & More Installer-friendly Solution

IN Embedded Pipe

Enlarged Working Space & Improved Visibility

Loosen 1 screw to dismantle the pull-down frame for higher working efficiency



Previous AC



Insufficient Working Space
resulting in having to loosen 5
screws and dismantle the entire frame

IN 5cm Ceiling

A better solution without disassembling the entire frame

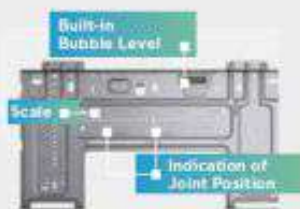


Previous AC



Limited ceiling space
makes it difficult for AC to
recover the frame.

Installer-friendly Design



Mounting Plate Upgrade

Easier to align the mounting location.



Pocket Hole

More space for a wrench.



Wire Tunnel

Tool-less Wiring
Fewer steps, Easier Wiring

