

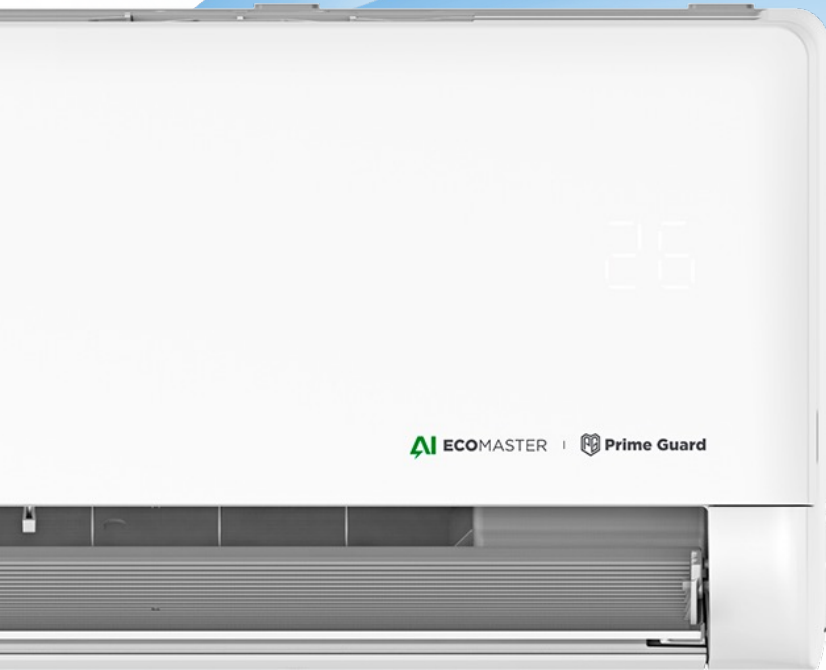
Midea Xtreme Plus Inverter Split AC

PRODUCT INTRODUCTION



Xtreme Plus Inverter

SMART SAVE MATTERS



ECOMASTER

OVER 75% EXTRA ENERGY SAVING

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



SMART CONTROL

Control AC anytime, anywhere and
master visible energy management



COOLFLASH

Equipped with a turbojet system that
quickly cools the room by 6°C in 10 mins



PRIME GUARD

Prime technologies in reliability and
durability, Guard comfort cool



HEALTH AIR MANAGEMENT

Breathe Clean Air



INSTALLER-FRIENDLY

Upgraded pull-down structure design. Easy to
install, maintain, and clean.

AI ECOMASTER

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



MASTER
GIGA DATA



MASTER
PRECISE CONTROL



MASTER
COMFORT SAVING



MIDEA ENERGY-SAVING TECHNOLOGY

	1 st Generation	2 nd Generation	3 rd Generation
	ECO Mode	iECO Mode	AI ECOMASTER
Optimal Energy Saving Time	Night Time 8-hour Energy Saving	All-day Energy Saving	All-day Energy Saving
Optimal Energy Saving Temperature	Limitation on Setting Temperature ECO Mode >24°C	No Limitation on Setting Temperature	No Limitation on Setting Temperature
Algorithm Logic	Traditional Inverter Algorithm	Giga Data Real AI Pre-learning & Predicting Cloud Connectivity	Giga Data Real AI Pre-learning & Predicting Cloud Connectivity Support Offline Mode
Energy Saving Rate	-	About 30% Extra Verified by SGS	Over 30% Extra Verified by SGS
Comfortable Experience	-	Precise Temp. Control within ±0.5°C	Precise Temp. Control within ±0.3°C
Launched Product Line-up	Other Models	Breezeless E	Xtreme Plus

*Verified by SGS, Report No.GZEE240100007131, 12000Btu/h, 50HZ.

*Compared energy saving percentage between ECOMASTER mode and normal cooling mode, test models MEE21B-Q5CRFNB-Q5/MEE21B-Q5CRFNB-Q5/MEE21B-Q5CRFNB-Q5, test method PT-23-000-201710, under the initial indoor temp. 32°C, outdoor temp. 35°C, set temp. 26°C, RH 65%.

*Data verified by SGS for E series split type air conditioner with ECOMASTER mode.

MASTER THE OPTIMAL SAVING SOLUTION FOR YOU AS SMART AS INTELLIGENT NAVIGATION



Pre-trained
Giga Data



Accurate Prediction



Optimal
Solution



BIGGER THAN BIGGER MASTER GIGA DATA

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

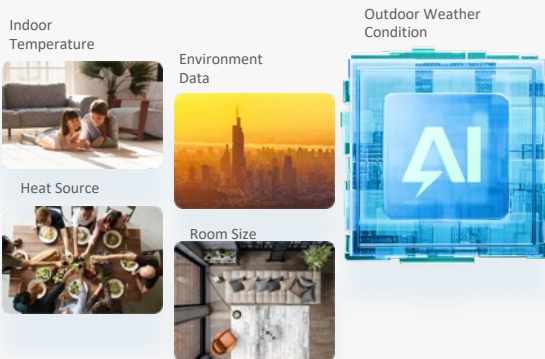
Master World's Largest
Inverter AC Production

41 Million



Master Industry's Largest
AC Operational Data

100 Billion

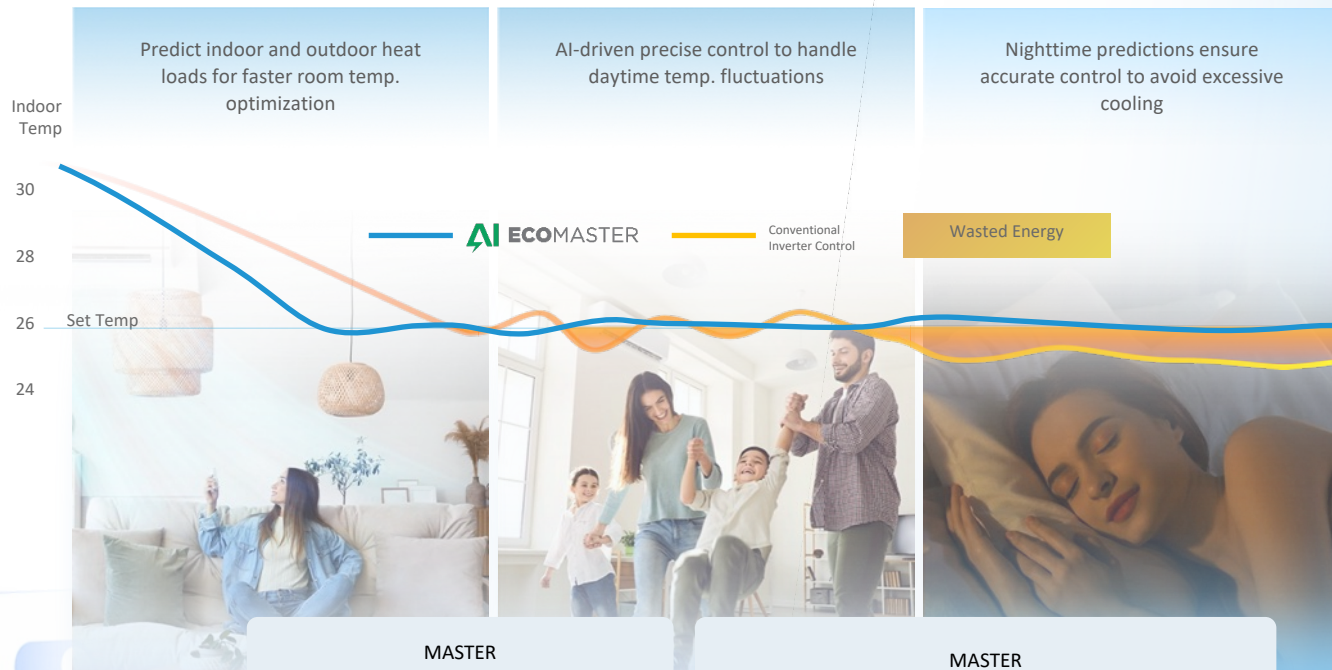


Master Energy Innovation
Globally with

805 Patents



INVERTER THAN INVERTER MASTER COMFORT SAVING



MASTER
AI Temperature Control

$\pm 0.3^{\circ}\text{C}$

Verified by SGS

MASTER

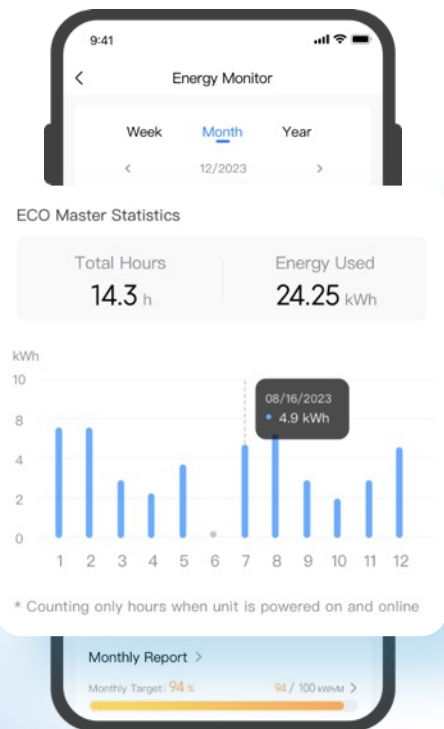
Over **30%***
Energy Saving compared to Xtreme

Extra

Verified by SGS

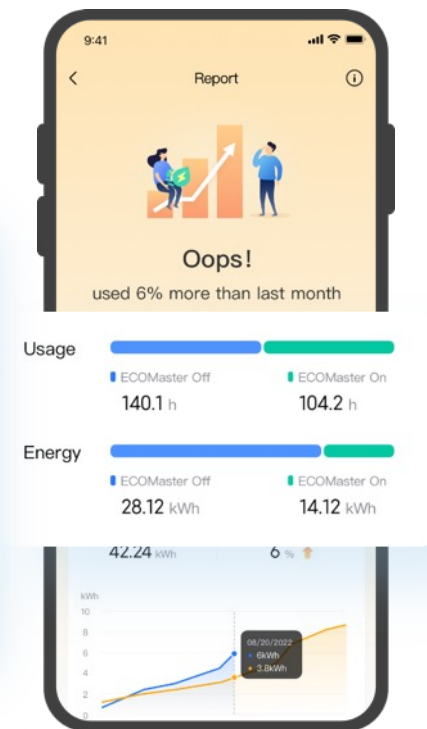
*Data verified by SGS. Compared energy saving percentage between ECOMASTER mode and normal cooling mode, test models MSE21B-09CRFN8-QC6/MSE21B-12CRFN8-QC6/MSE21C-18CRFN8-QC6/MSE2D-24CRFN8-QC5W, test method PT-23-000-301710, under the initial indoor temp. 32°C, outdoor temp. 35°C, set temp. 26°C, RH 65%.

VISIBLE SAVING UNDER YOUR THUMB



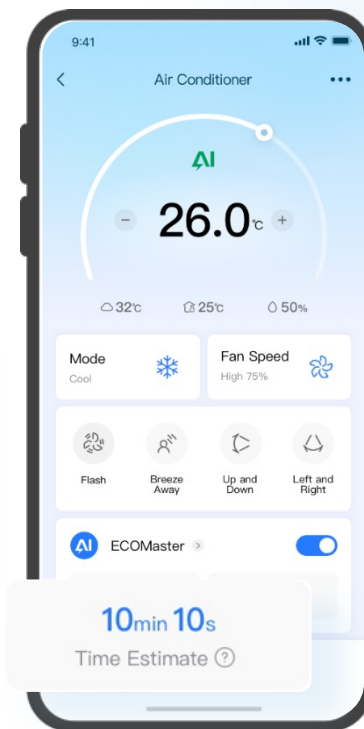
Energy Monitor

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



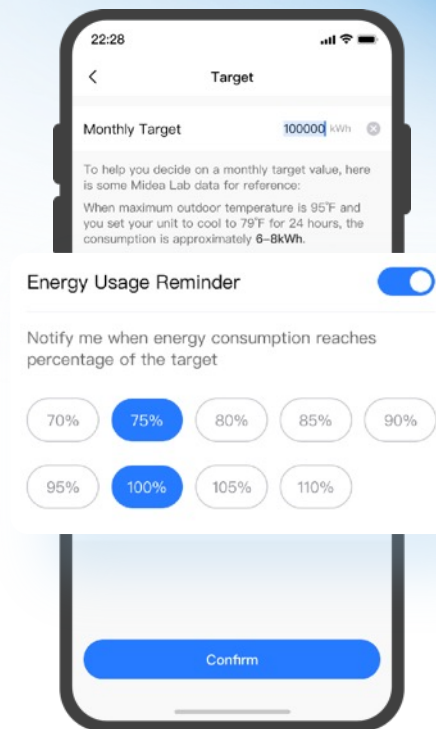
Energy Report

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.

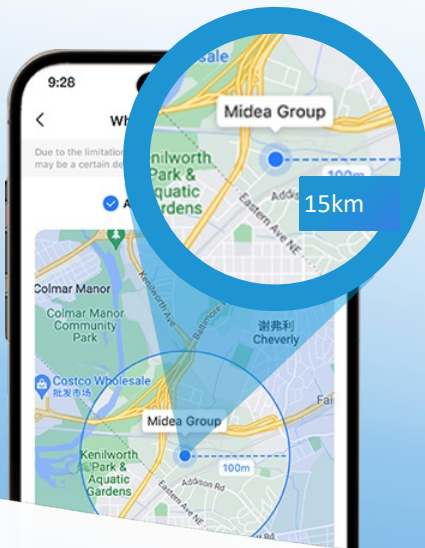
SMART CONTROL



SmartHome
Smart Compatible

Location Based Service

Turn on the AC from 15km away before arriving home



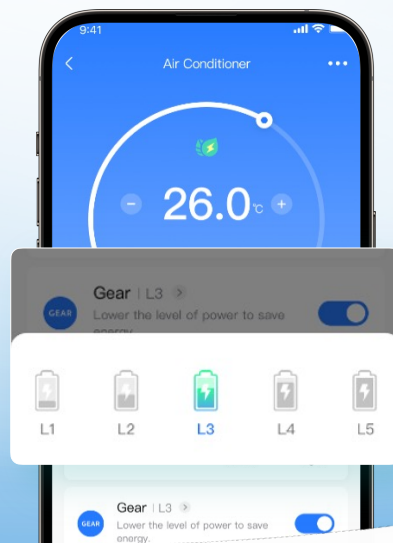
Sleep Curve

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



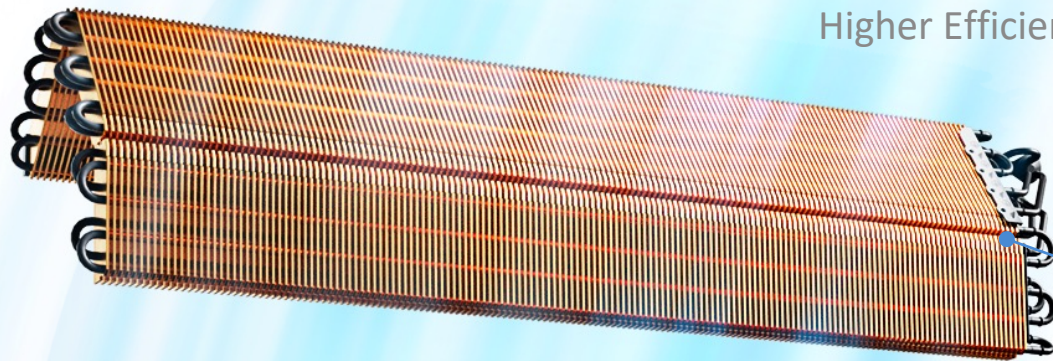
Gear Control

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



TURBOJET ENGINE SYSTEM

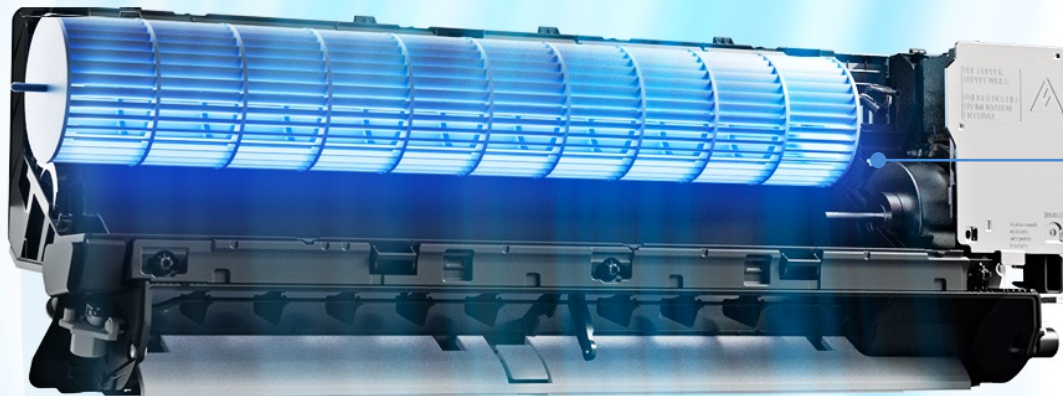
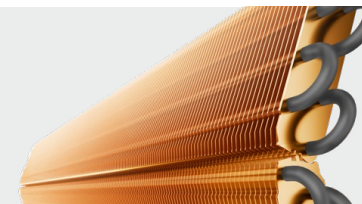
Higher Efficiency, Larger Air Volume, Stronger Cooling & Heating



Evaporator

Larger evaporator for higher heat exchange efficiency

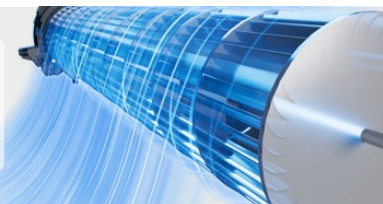
LENGTH
+15mm
+2 More
U TUBE



Wind Wheel

Larger wind wheel brings a stronger cooling experience.

LENGTH
+12mm
DIAMETER
+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



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.

25%

* **Faster Cooling
v.s. Non-Inverter AC**

6°C in 10min from 36°C to 30°C

Air Volume**

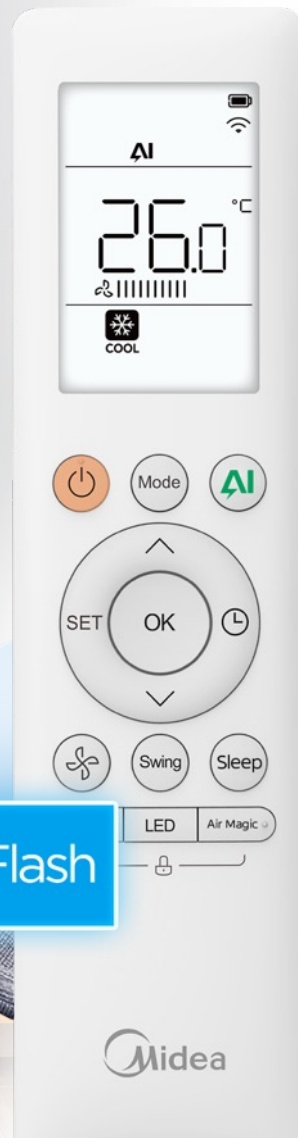
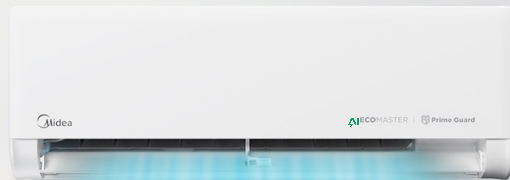
835m³/h

Air Distance**

9.2m

* Tested by Midea Lab for 10-minute cooling. The room temp of 1.5HP Avigator AC dropped by 6°C, while Midea 1.5HP non-inverter AC dropped by 4.8°C, with an initial room temp is 36°C, and the outdoor temp is 43°C, 60% RH.

** Tested on the Malaysia 12K 5 star rating inverter AC MY-KF35GW/BP3NBY-EZ1B(C6) in turbo mode by Midea Lab, the farthest distance refers to a wind speed of no less than 0.3m/s



CoolFlash

Midea

POWER COOLING BEATS THE HEAT

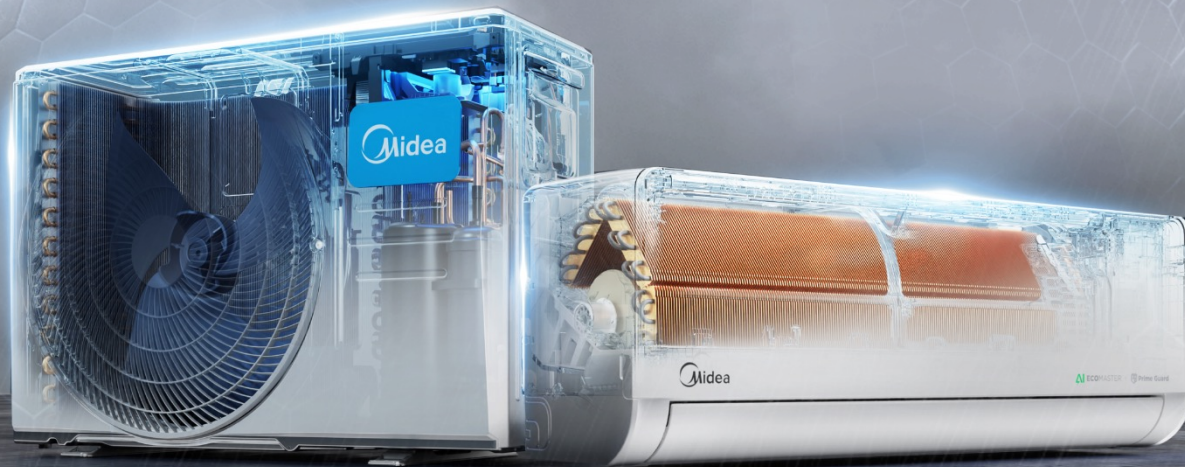
Even at high temperatures of up to **55°C**, Midea Inverter still operates effectively, beating heat and providing optimal cooling to the room.

55°C





Prime Guard



1

Prime Outdoor
Condenser

2

Prime Indoor
Evaporator

3

Prime Electronic System

4

Wide Voltage
Operation

*All Prime Guard technologies are optional items for specific models. Please consult the technical support for product adaptation according to the actual situation in your region.



Prime Guard

1

PRIME OUTDOOR CONDENSER

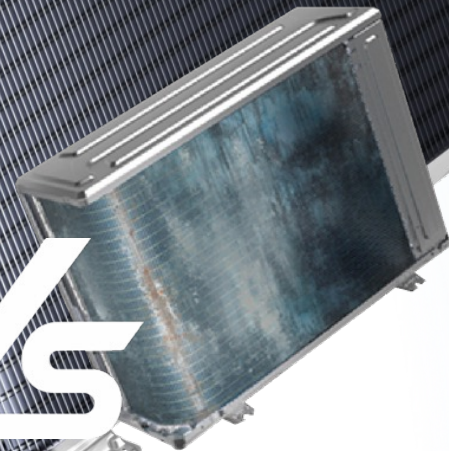
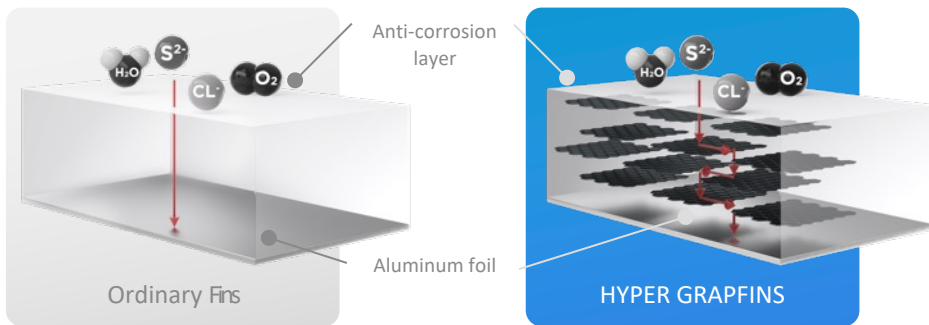
HYPER GRAPFINS™

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.



* 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 blue coated fins in HD2202-2/HW3308. Midea HYPER GRAPFINS in HMD011/HW3308.


Prime Guard

1 PRIME OUTDOOR CONDENSER HYPER GRAPFINS™

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%

corrosion area

12.5X

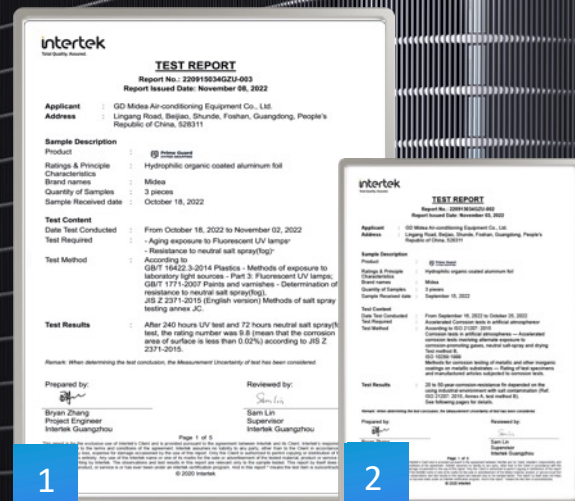
corrosion resistance
than blue coated fins

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.



Verified by

intertek
Total Quality Assured



1 PRIME OUTDOOR CONDENSER

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.



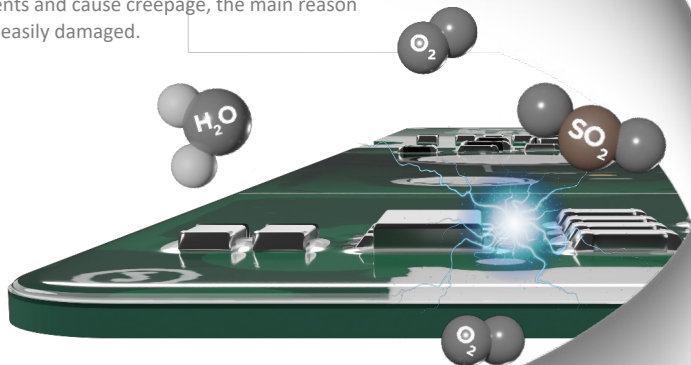


PRIME ELECTRONIC SYSTEM

RELIABLE PCB WITH UV CONFORMAL COATING

Traditional Conformal Coating

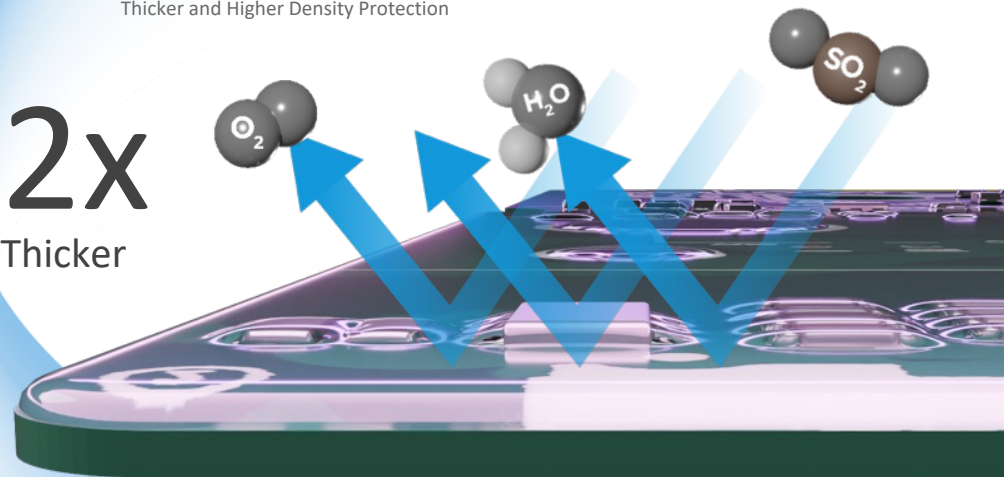
Moisture in the air can easily corrode PCB components and cause creepage, the main reason PCBs are easily damaged.



With UV Coating

Covered with Up to 100 μm UV Conformal Coating, Greener and with 2x Thicker and Higher Density Protection

2x
Thicker



Difference	Traditional Conformal Coating	UV Conformal Coating
VOC (Volatile Organic Compounds)	50-80%	0
Thickness	10-30 μm	$\geq 70\mu\text{m}$
Density	Low	High

*This function is now available for 4th generation electronic system. Basic feature for E platforms.



3 PRIME ELECTRONIC SYSTEM

RELIABLE PCB WITH UV CONFORMAL COATING

Corrosion Area

<0.02%

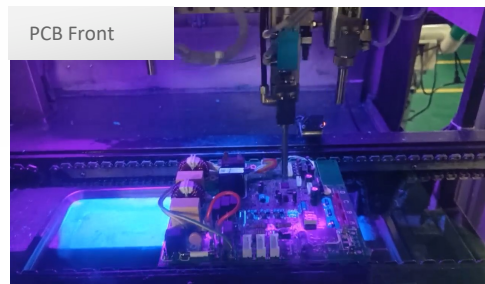
Verified by **intertek**
Total Quality. Assured.

Rating Number

9.8

*

**



UV Coating Process

* Depended on the using industrial environment with salt contamination (Ref. ISO 21207: 2015, Annex A, test method B, JIS Z 2371:2015 Annex JC)

** The full rating number is 10.

*** This function is now available for 4th generation electronic system. Basic feature for E platforms.



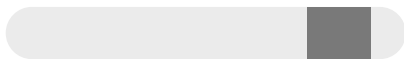


4 RELIABLE PCB WITH WIDE VOLTAGE OPERATION

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

184V



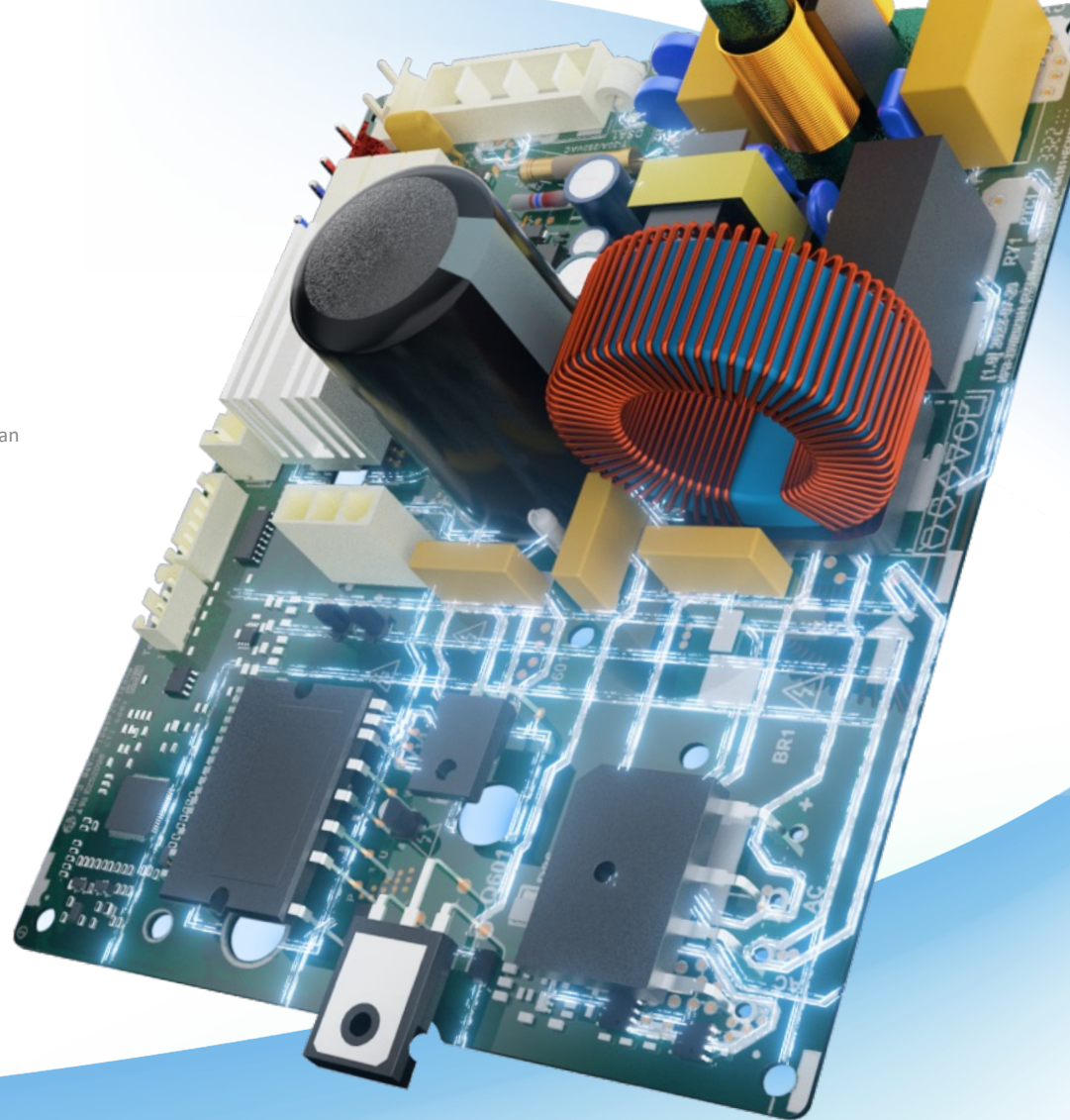
264V

MIDEA

80V



265V



* The voltage operation range of BP3 is 80-265V, BP2 is 150-265V, and 18k and above is 120-256V.

Healthy Air Management

I - CLEAN

Midea Inverter AC undergoes a 6-step cleaning process for the IDU evaporator and ODU condenser, followed by high temperature steam sterilization at 56°C for over 30 minutes. Keeping the AC clean and performing well.

99.99%* Sterilization



Staphylococcus aureus



E. Coli



H1N1



EV71



Total
62* mins

10min



1

Water start to condensate, get ready for deep wash

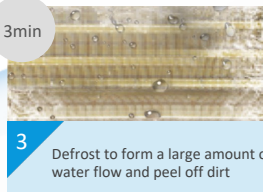
10min



2

Condensated water gets frosting, removing dirt adhered to the evaporator

3min



3

Defrost to form a large amount of water flow and peel off dirt

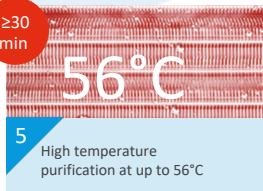
7min



4

High temperature cleaning via steam, removing moisture and dust

≥30 min



5

High temperature purification at up to 56°C

2min

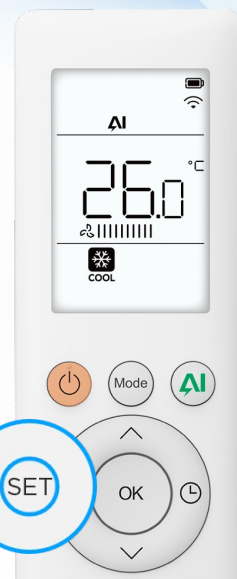


6

Fresh air supply

How to enter "i-clean" mode through remote controller?

Press "SET" → Choose "CLEAN" mode → Click "OK" to activate



* The total cleaning time will vary according to the actual operating environment, and the longest time is 102 minutes for cooling and heating model.

Healthy Air Management

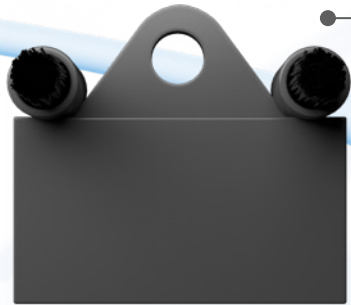
AIR MAGIC

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.

Midea



ION
GENERATOR



ALWAYS STUCK WITH?

Unfriendly Installation

- Long Installation Time
- Insufficient Working Space
- Inconvenient Piping and Wiring



Troublesome Maintenance

Based on the research as below, pipe leakage, PCB and fan motor failure are the top complaints.

AC Complaints in 2023

Connection pipe leakage

Compressor failure

Indoor PCB failure

Poor performance

Indoor Fan Motor failure

Refrigerant leakage

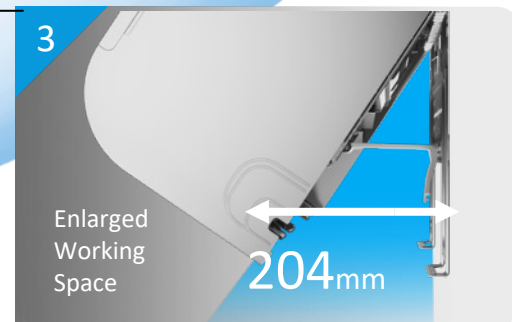
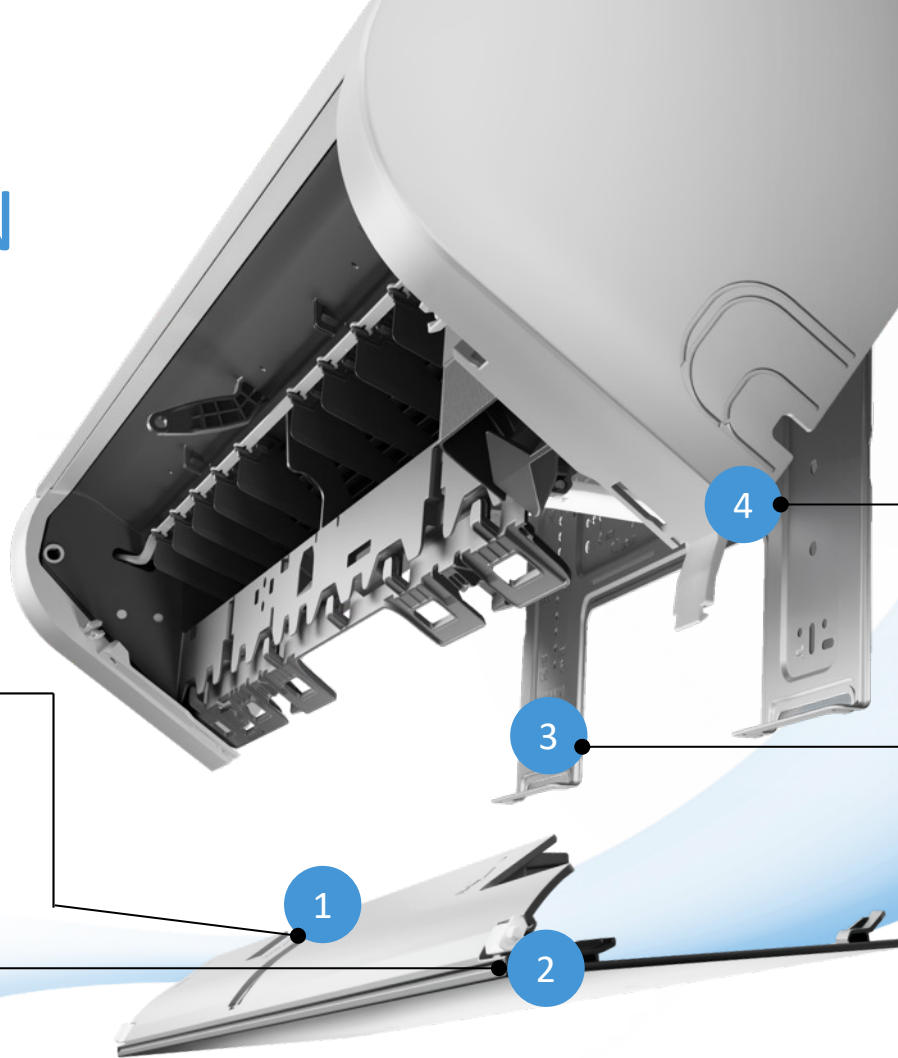
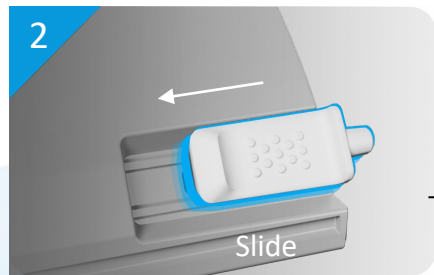
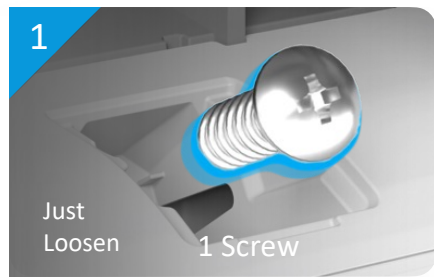
Complex Cleaning

Accumulated dust and dirt

- Reduced airflow and cooling capacity
- Higher energy consumption and electricity bills
- Increased risk of water leaks
- Breeding bacteria affect your health



PULL-DOWN STRUCTURE



*The support holder is optional. With this support, the ceiling space would be 15cm.

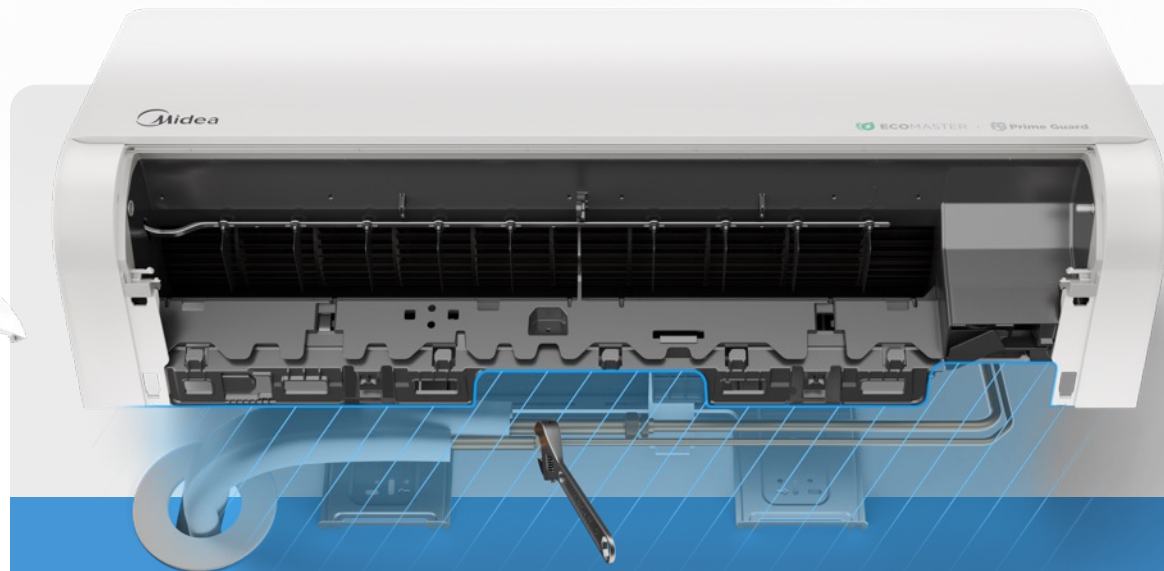
PULL-DOWN STRUCTURE

EASIER, QUICKER & MORE INSTALLER-FRIENDLY SOLUTION
IN EMBEDDED PIPE



Previous AC

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



NEW

Enlarged Working Space and
Improved Visibility

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

PULL-DOWN STRUCTURE

EASIER, QUICKER & MORE INSTALLER-FRIENDLY SOLUTION
IN 5CM CEILING



Previous AC

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



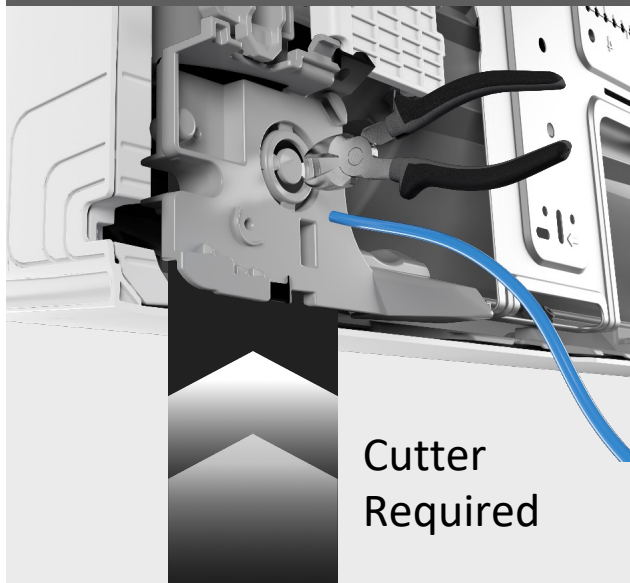
NEW

A better solution without
disassembling the entire frame

* Please remove the support holder before installation in the case of a 5cm ceiling.

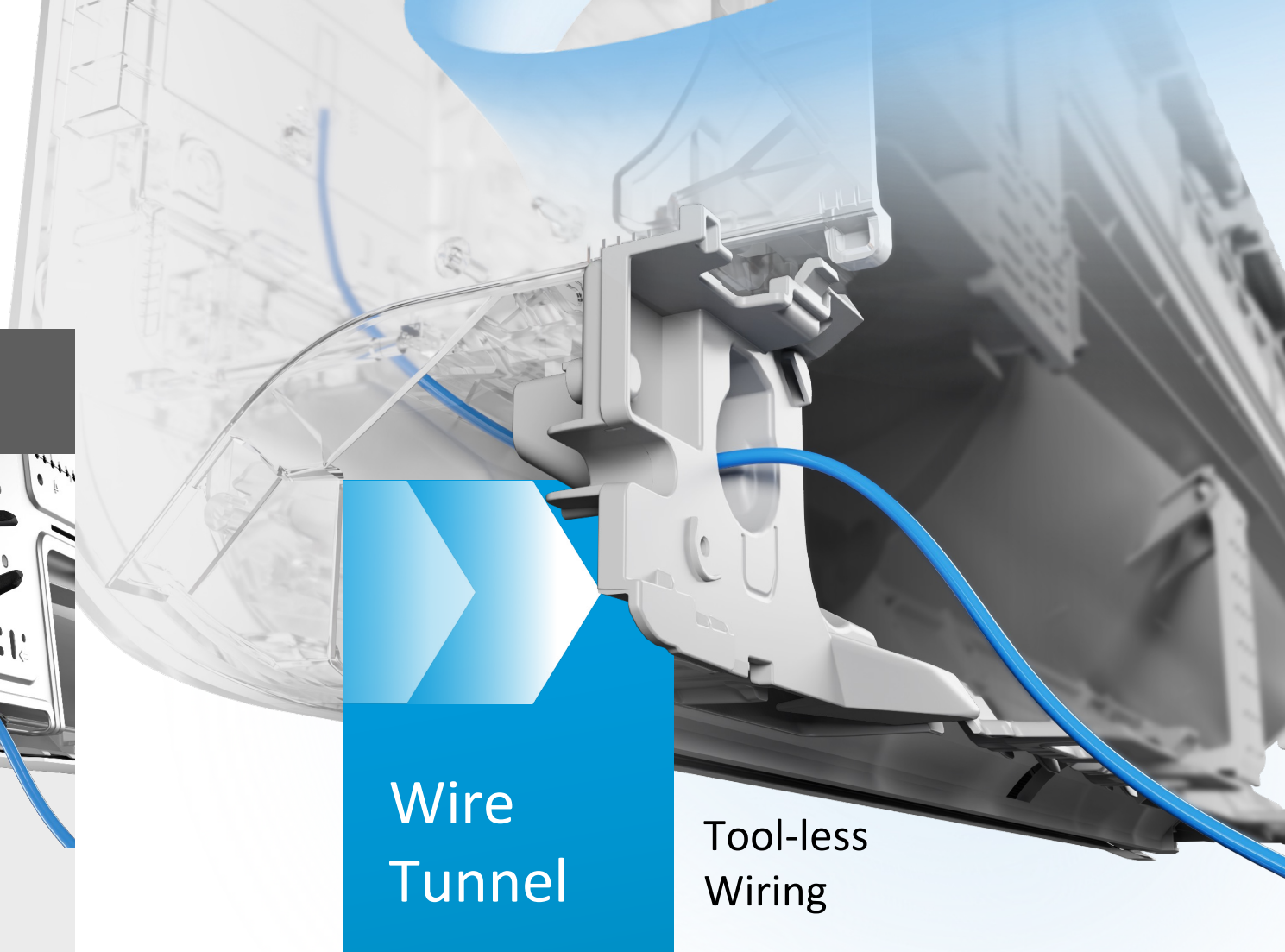
WIRE TUNNEL EASIER WIRING

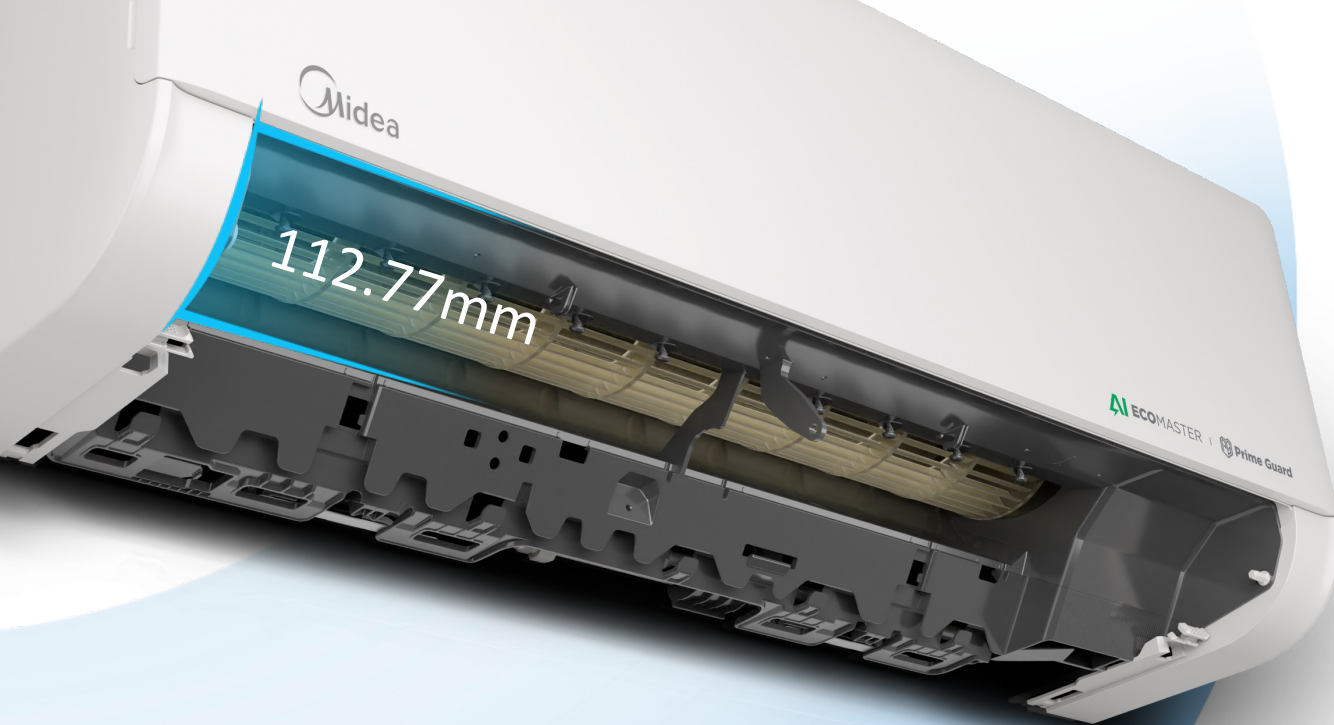
Previous AC



Wire
Tunnel

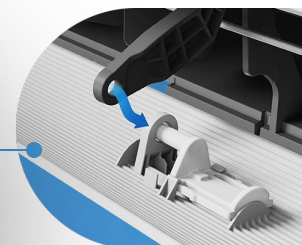
Tool-less
Wiring





EASY TO CLEAN

The more accessible the wind wheel is,
the deeper the cleaning.



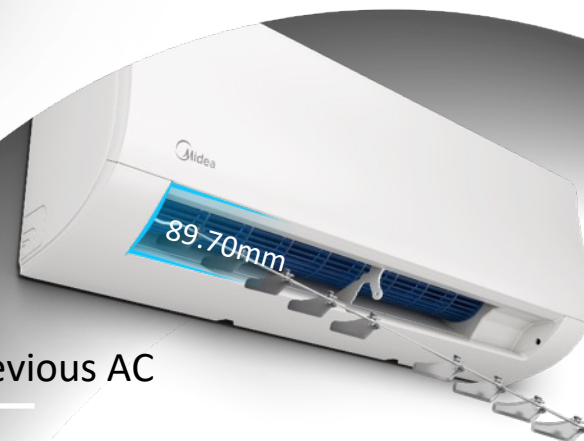
The height of the air
outlet increased by

25.72%



Detachable Vertical Louvers

* For models with automatic vertical swing
function, the vertical louvers are connected to
the left motor.



Previous AC

NEW

The Easier Solution for
PCB Replacement



Shorter Time,
Quicker Maintenance

5 Steps

Maintenance
efficiency
increased by
32%



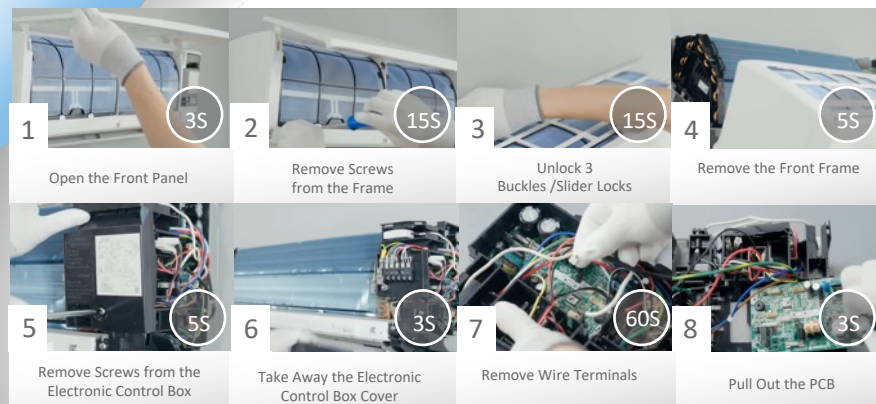
EASY TO MAINTAIN

Quick and Easy to Pull-out PCB

VS

Ordinary AC
Must to remove the frame

8 Steps



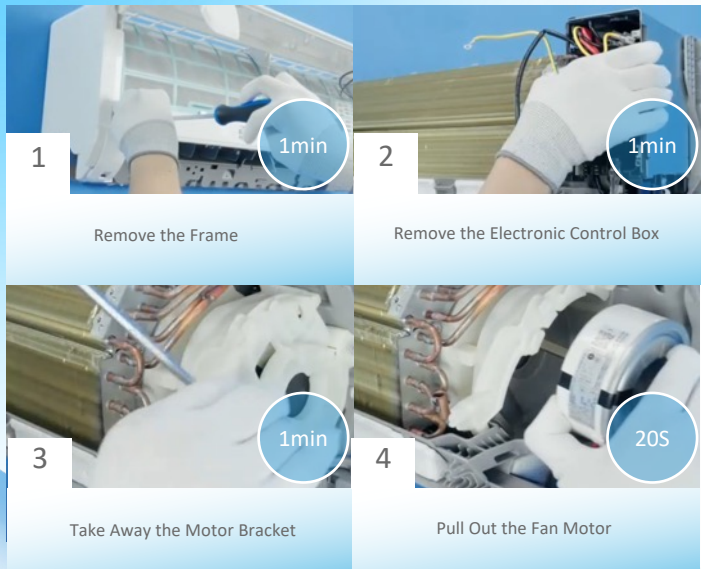
NEW

The Easier Solution for
Fan Motor Replacement



4 Steps

Maintenance
efficiency
increased by
72%



EASY TO MAINTAIN

Pull-out Fan Motor

VS

Previous AC
Evaporator Must be
Removed

7 Steps





Xtreme Plus Inverter

SMART SAVE MATTERS

Easy, Quick & Installer-friendly

Midea AC Upgrades



Easy to install



Easy to maintain



Easy to clean



AI ECOMASTER

MASTER AI
Temperature Control
Accurate to

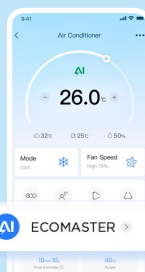
$\pm 0.3^{\circ}\text{C}$

Verified by SGS

MASTER

Over
30% Extra

Saving with AI
Algorithm
Verified by SGS



Visible Saving Under
Your Thumb



Smart Control

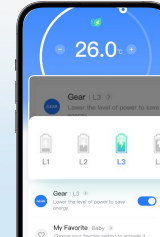


SmartHome
Smart Compatible

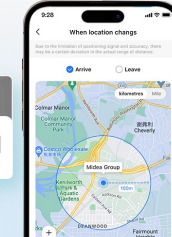
Sleep Curve



Gear Control



Location Based Service



COOLFLASH

Turbojet Engine System



COOLFLASH

25%

Faster Cooling
v.s. Non-Inverter AC
 6°C in 10min



CoolFlash



Healthy Air Management

I - Clean

Total
42 mins

Re-clean the AC,
refresh your breath.



Air Magic



Prime Guard

HYPER
GRAPFINS
(Outdoor
Condenser)

1

TU1 CORROSION-
RESISTANCE COPPER
TUBE (Indoor
Evaporator)

2

SILVER SHIELD
ANTI-CORROSIVE
COATING (Indoor
Evaporator)

3

PCB With UV
CONFORMAL
COATING

4

WIDE
VOLTAGE
OPERATION

5

AUTO DEDUSTING

6



THANK YOU