



مكيفات مايديا



Air Lux

TropicPRO Unbeatable Coolness, Built to Last.

Feature



TropicPRO



ECOMASTER



Smart Control



Coolflash



Prime Guard



180° Spinning
Wind Deflector



Healthy Air
Management



Easy to Install

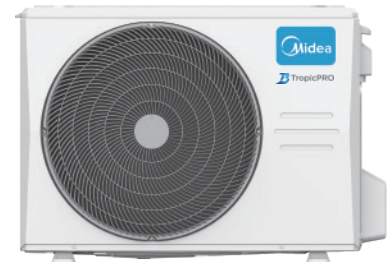


Easy to Maintain



Easy to Clean

Appearance



HUSSEIN & AL-HASSAN G SHAKER BROS.

H&H SHAKER HH-SHAKER.COM.SA



شركة الأخوان حسين و الحسن غازي شاكر

HSHAKERCO الرقم الموحد 8002440247

TropicPRO

Extreme Performance To Beat The Heat

Only Midea Survive the Heat Triple Test

70°C
Non-stop Cooling¹

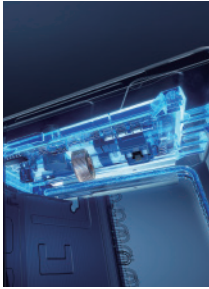
56°C
100% Cooling Capacity²

10°C
Cooler in 10 Min³



Great Stability: Upgraded E-box

Ice Circuit Refrigerant Cooling Technology



Midea's unique Ice Circuit refrigerant cooling technology can rapidly cool the PCB within 1 second, ensuring stable and powerful operation of the AC even during extreme high outdoor temperatures.

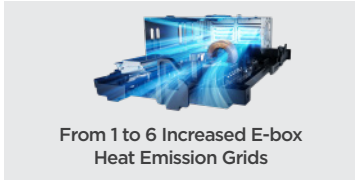
Aerospace-Grade Superconductive Heatsinks

1s Cool Down PCB
to protect the outdoor unit's PCB

5X Heat Transfer Efficiency
than conventional fan cooling tech*

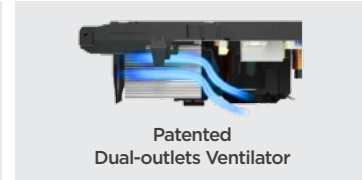
*Ice Circuit heat transfer coefficient 493.54 W/m²K vs Fan cooling tech 99.31 W/m²K.

Air Grid Enlargement



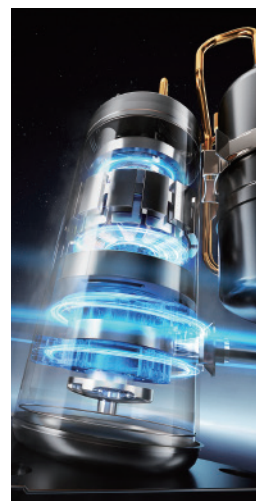
From 1 to 6 Increased E-box Heat Emission Grids

Air cooling system



Patented Dual-outlets Ventilator

Great Strength: Inverter Compressor



Industry-first 5.0MPa T3 Compressor

- Stable operation at 70°C
- 5.0MPa non-stop 500hrs

Industry Standard Pressure **4.6** Midea **5.0**

Diamond-like Carbon Coating

- 8% Tougher Surface
- Smoother Movement

8 Poles 12 Slots Inverter Motor

- More copper, faster cooling
- Bigger rotor, steady torque

Optimized Refrigerant Flow

- Reduce internal strain by 10%
- Boost thermal transfer

Twin-rotary Compressor

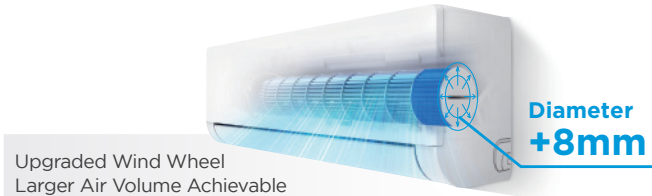
- Stable rotation, Less vibration, more reliability

*All of the above functions are optional items. Please consult the technical support for product adaptation according to the actual situation in your region.

Turbojet Engine System

The Midea Turbojet Engine System has revolutionized the core structure of the split air conditioner. It provides not only faster cooling but also a more agreeable and comfortable experience for users, all while maintaining excellent energy efficiency.

Rotating Deflector Stronger, Further, Faster Cooling

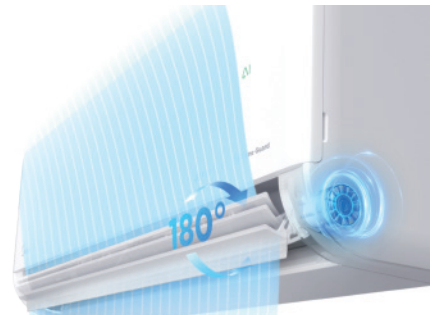


Upgraded Wind Wheel
Larger Air Volume Achievable

Diameter
+8mm

Air Volume
1600m³/h*

Airflow Distance Up to
17.4M*



*Data compared between KSA-KT3FR65G/NIY-AG11DT(C7) and ME-KT3FR105LW/NIY-FNT(B9)-[N]

*Data sourced from Midea Lab based on maximum distance & air volume achieved in Turbo mode.

One Click, COOLFLASH

COOLFLASH breaks through the limits of algorithmic control and runs at overclocking speeds to achieve instant cooling. With just one press of the COOLFLASH button, the room can be quickly cooled down to desired temperature, allowing you to immerse yourself in an evenly cool room.



10°C in 10min*
from 35°C to 25°C

*Verified by Intertek (Certificate No.: CB02-TICK-C02-EE-0000114), models MSTGP11C-18CRFN8-NC7 / MSTGP11D-22CRFN8-NC6W. The initial indoor temp. 35°C, outdoor temp. 46°C; indoor temp. dropped to 25°C within 10 minutes.

AI ECOMASTER

Master AI Saving, Better Comfort Cooling

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



*The ECOMASTER feature is available only for the 12K/18K/24K models.

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

41Millions




Master Industry Largest AC Operational Data

100Billions

Indoor Temperature

Environment Data Outdoor Weather Condition

Heat Source

Room Size

Master Energy Innovation Globally with

805Patents



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

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 temperature precisely.

VS

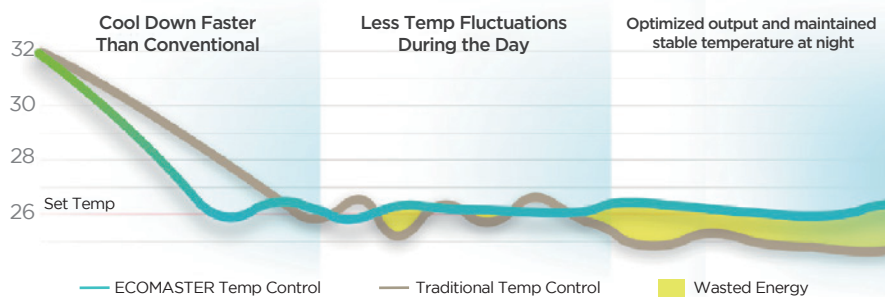
Other ECO

Imprecise Control, High Temperature Fluctuation, Energy Wastage

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



Inverter Than Inverter, Master Comfort Saving



30.3°C
Precise Temp Control

30%
Extra Energy Saving



Visible Saving Under Your Thumb



Energy Monitor



Energy Report



Time Forecasting



Energy Reminder

Smart Control





LBS
Location Based Services



Sleep Curve



Gear Control

Prime Guard

Prime technologies in reliability and durability Guard comfort cool.

Optional

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.

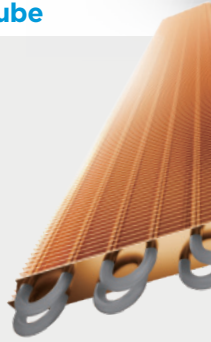
TP2

More Impurities & Less Consistency

VS

TU1

Fewer Impurities & Better Consistency



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.



*6 The voltage operation range of all Middle East Inverter models is 150V-265V.

Optional

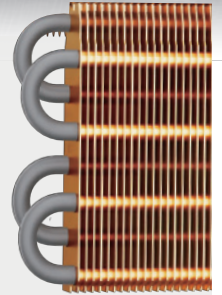
Silver Shield Anti-corrosive Coating

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 vs Ordinary Pipe

Verified by **intertek** Total Quality Assured.

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



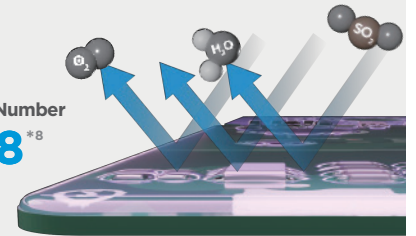
Reliable PCB with UV Conformal Coating

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

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

Verified by **intertek** Total Quality Assured.

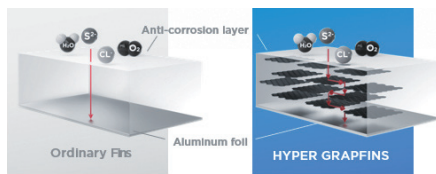
*7 Depended on the using industrial environment with salt contamination (Ref. ISO 21207: 2015, Annex A, test method B, JIS Z 2371:2015 Annex JC)
*8 The full rating number is 10.



HYPER GRAPFINS™

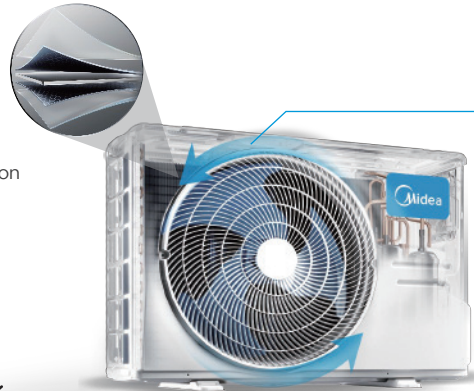
12.5X^{*9} Corrosion Resistance than Blue Coated Fins

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** Total Quality Assured.

*9 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.



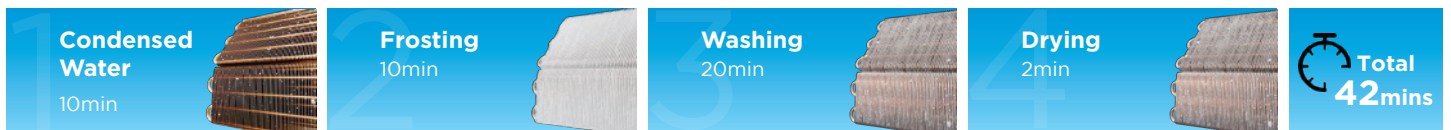
AUTO DEDUSTING

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.

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*10), which can remove more dust and bacteria, keeping the AC clean and performing well.



Cooling mode & Mid-speed wind

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

Defrost into water to remove dust and dirt.

Dry the evaporator to prevent mold growth.

*10 Total cleaning time and frosting temperature will vary depending on operating environment; maximum cleaning time is 42 minutes.

99%^{*11} virus elimination



Optional

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.

*11 Tested by Guangdong Detection Center of Microbiology. Test time: 2h, Virus: H1N1.



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.



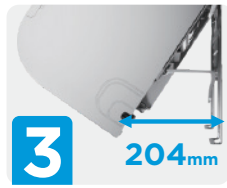
1

Screw
Just Loosen



2

Sliders



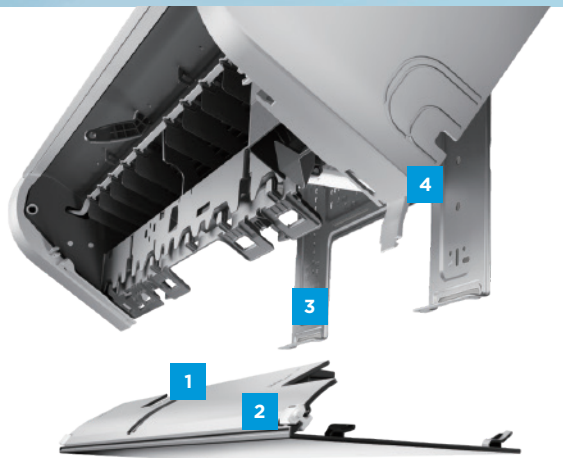
3

204mm
Enlarged Working Space



4

Built-in Support Holder and Groove
More Convenient and Stable



Easier, Quicker & More Installer-friendly Solution

IN Embedded Pipe

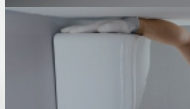
Enlarged Working Space & Improved Visibility

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



NEW

Previous AC



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

IN 5cm Ceiling

A better solution without disassembling the entire frame



NEW

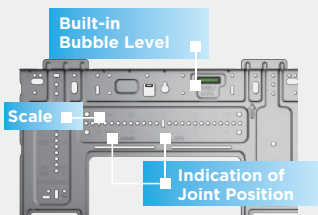
* Please remove the support holder before installation in the case of a 5cm ceiling.

Previous AC



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

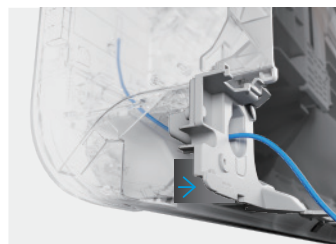
Installer-friendly Design



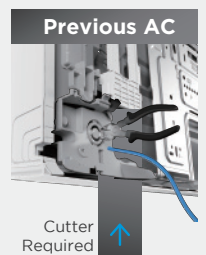
Mounting Plate Upgrade
Easier to align the mounting location



Pocket Hole
More space for a wrench



Wire Tunnel
Tool-less Wiring
Fewer steps, Easier Wiring



Previous AC
Cutter Required

Easy To Maintain


Quick and Easy to Pull-out PCB

The Easier Solution for PCB Replacement


5 steps

Maintenance efficiency increased by **32%**


74S




1 3S
Open the Front Panel




2 5S
Remove ONE screw from the Electronic Control Box



3 3S
Take Away the Electronic Control Box Cover



4 60S
Remove Wire Terminals



5 3S
Pull Out the PCB

Ordinary AC

8 steps

109S



1 3S
Open the Front Panel



2 15S
Remove Screws from the Frame



3 15S
Unlock 3 Buckles/Slider Locks



4 15S
Remove the Front Frame



5 5S
Remove Screws from the Electronic Control Box



6 3S
Take Away the Electronic Control Box Cover



7 60S
Remove Wire Terminals



8 3S
Pull Out the PCB

Pull-out Fan Motor

The Easier Solution for Fan Motor Replacement


4 steps

Maintenance efficiency increased by **72%**

3min 20s



1 1min
Remove the Front Frame



2 1min
Remove the Electronic Control Box



3 1min
Take Away the Motor Bracket



4 20S
Pull Out the Fan Motor

Previous AC

7 steps

12min



1 3S
Turn On the AC



2 2min
Recycle Refrigerant



3 5min
Remove the IDU from the Wall



4 1min
Remove the Front Frame



5 1min
Remove the Electronic Control Box



6 2min
Remove the Evaporator



7 1min
Pull Out the Fan Motor

Easy To Clean

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



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

Model			SAPV18CDEZ2BKSA	SAPV18HDEZ2BKSA	SAPV24CDEZ2BKSA	SAPV24HDEZ2BKSA
Power supply	V,Hz,Ph		230V-60Hz,1Ph	230V-60Hz,1Ph	230V-60Hz,1Ph	230V-60Hz,1Ph
SEER			15.70	16.50	16.00	15.60
Energy class			B	B	B	B
Cooling(T1)	Capacity	Btu/h	18400(6800-23500)	19800(6900-23500)	23700(5700-29900)	24400(5700-30000)
	Input	W	1466(366-2285)	1553(426-2400)	1967(410-2930)	1936(415-2900)
	Rated current	A	6.5	6.9	8.4	8.9
	EER	(Btu/h)/W	12.55	12.75	12.05	12.60
Cooling(T3)	Capacity	Btu/h	17200	19100	21800	23700
	Input	W	1890	2043	2332	2619
	Rated current	A	8.4	9.06	10.35	12.00
	EER	(Btu/h)/W	9.10	9.35	9.35	9.05
Heating	Capacity	W	/	5000	/	6500
	Input	W	/	1370	/	1910
	Rated current	A	/	6.1	/	8.7
	COP	W/W	/	3.65	/	3.4
Max. input consumption	W		3100	3100	3600	3900
Max. current	A		14.5	14.5	16.5	18
Indoor air flow (turbo-high-mid-low)	m³/h		1160/880/680/580	1600/1240/1010/910	1600/1015/730/600	1600/1050/750/600
Indoor noise level (turbo-high-mid-low-silent)	dB(A)		51/43.5/39/36.5/31.5	52.5/47/40.5/37.5/31	52.5/45.5/43/41.5/38	54.3/47/41.5/40/38.5
Indoor unit	Dimension(W*D*H)	mm	975x218x308	1055x231x330	1055x231x330	1055x231x330
	Packing (W*D*H)	mm	1035x295x385	1130x405x310	1130x405x310	1130x405x310
	Net/Gross weight	Kg	11/14	13.1/16.7	13.1/16.5	13/16.6
Outdoor noise level	dB(A)		60	61	59.5	60
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	805x330x554	890x342x673	890x342x673
	Packing (W*D*H)	mm	915x370x615	915x370x615	995x398x740	995x398x740
	Net/Gross weight	Kg	28.7/31.1	29.8/31.8	37.5/40.5	40/43
Refrigerant type	Kg		R32/0.67	R32/0.85	R32/0.86	R32/1.11
Design pressure	MPa		4.8/1.7	4.8/1.7	4.8/1.7	4.8/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	30	30	30	30
	Max. difference in level	m	20	20	20	20
Connection wiring			1.5x4//	1.5x4//	1.5x4//	1.5x4//
Plug type			1.5x3/no-plug	1.5x3/no-plug	2.5x3/no-plug	//no-plug
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature	°C		16-30	16-30	16-30	16-30



Rooted in Saudi Arabia, **Shaker Group** forms a robust network, opening doors for regional ventures, hosting global brands and fostering lasting bonds- Our commitment to our partners' needs drives our journey, which evolved from Jeddah beginnings to a major distribution network. Hussein and AL-Hassan Ghazi Shaker Bros. For Modern Trading Co. LTD is the latest company to carry our legacy the way others have since the group's founding in 1950 Utilizing AC expertise, we've redefined home appliances and AC solutions for the Saudi market. Our dedicated teams ensure an exceptional customer experience, embodying our ethos in every interaction

Midea Group is a world leading technology group offering diversified products, comprising of five main business areas: Smart Home Business, industrial Technologies, Building Technologies, Robotics & Automation, and innovation Business. Midea is committed to improving lives by adhering to the principle of "Creating Value for Customers". Midea focuses on continuous technological innovation to improve products and services, and to make life more comfortable and pleasant.

Founded in 1968 in Guangdong, China, after 57 years, Midea has successfully transformed into a world's leading technology group with multi-category, multiple business, and vertical integration around core technology.

The company's Total Revenue was USD 56 billion in 2024, YOY increase of 9.5%, Net profit attributable to shareholders of the company was USD 5.3 billion, YOY increase of 14.3%, and Cash flow from operating activities reached USD 8.3 billion, YOY increase of 4.5%, all of which set new historical records for the company.

Midea Residential Air Conditioner Division (Midea RAC) is a business unit under Midea Group, integrating R&D, manufacture, sales, design, installation, and after-sales service, one of the world's leading HVAC manufacturer and professional air management solution provider.