



Midea

OFFICIAL PARTNER



Midea

مكيفات مايديا



Air Eco

TropicPRO Coolness, AI Energy Savings

Feature



TropicPRO



ECOMASTER



180° Spinning
Wind Deflector



Coolflash



I-Clean



Healthy Air
Management



Smart Control



Easy to Maintain

Appearance



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شركة الأخوان حسين والحسن غازي شاکر

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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 Energy Innovation Globally with 805 Patents

Master Industry Largest AC Operational Data

100Billions

Indoor Temperature

Environment Data Outdoor Weather Condition

Heat Source

Room Size

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.

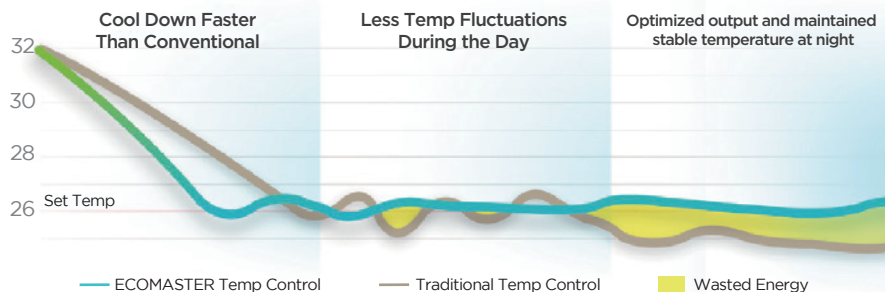
Other ECO

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

TropicPRO

Extreme Performance To Beat The Heat

Only Midea Survive the Heat Triple Test

70°C
Non-stop Cooling¹

56°C
100% Cooling Capacity²

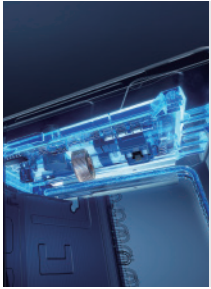
10°C
Cooler in 10 Min³

Verified by **Intertek**
Test Quality Assured

1. Verified by Intertek (Certificate No.: CB02-TICK-C02-EE-0000114), models MSTGP11C-18CRFN8-NC7 / MSTGP11D-22CRFN8-NC6W. The initial indoor temp. 32°C, outdoor temp. 70°C.
2. Verified by Intertek (Certificate No.: CB02-TICK-C02-EE-0000114), models MSTGP11C-18CRFN8-NC7 / MSTGP11D-22CRFN8-NC6W. The indoor temp. 32°C, outdoor temp. 56°C.
3. 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.

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.

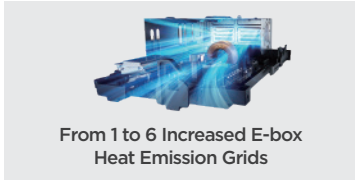
Aerospace-Grade Superconductive Heatsinks

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

5X Heat Transfer Efficiency
than conventional fan cooling tech*

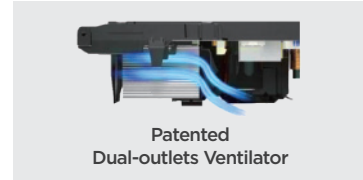
*Ice Circuit heat transfer coefficient 493.54 W/m²K vs Fan cooling tech 99.31 W/m²K.

Air Grid Enlargement



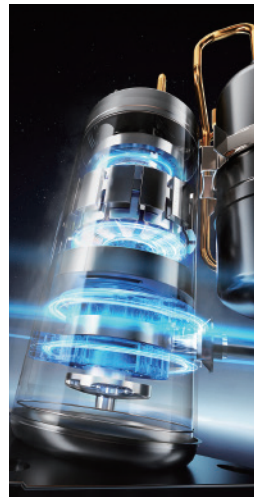
From 1 to 6 Increased E-box Heat Emission Grids

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

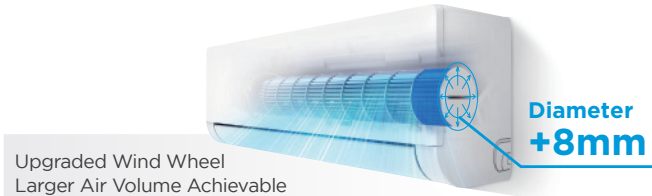
- Stable rotation, Less vibration, more reliability

*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.

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.

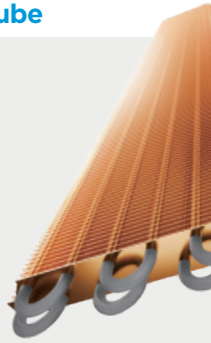
TP2

More Impurities & Less Consistency

VS

TU1

Fewer Impurities & Better Consistency



Optional

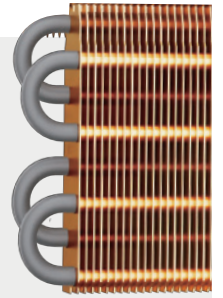
Silver Shield Anti-corrosive Coating

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**

*5 Depended on the using industrial environment with salt contamination (Ref. ISO 21207: 2015, 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 184V 265V

MIDEA 150V 265V



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

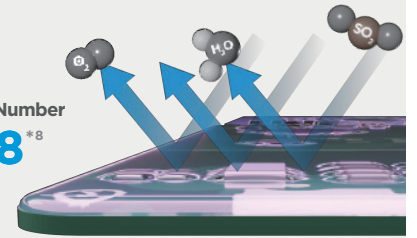
Reliable PCB with UV Conformal Coating

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

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

Verified by **intertek**

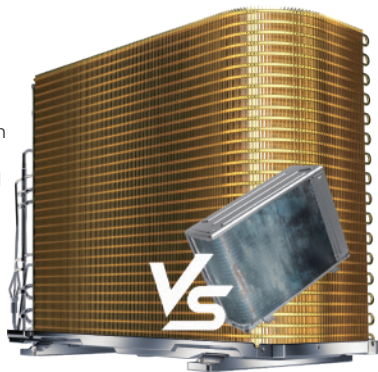
*7 Depended on the using industrial environment with salt contamination (Ref. ISO 21207: 2015, Annex A, test method B, JIS Z 2371:2015 Annex JC)
*8 The full rating number is 10.



GOLDEN COATING FIN

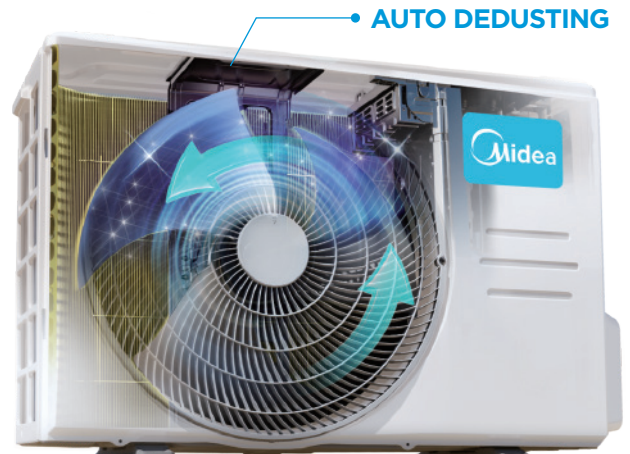
2.5X Corrosion Resistance than Blue Coated Fins

Midea's golden coating fin is more resistant in oxidation & corrosion than ordinary blue coated fin for a outdoor condenser to furnish a steadier and long-lasting working environment. It can also effectively prevent bacteria from breeding and spreading so as to extend the AC's lifespan.



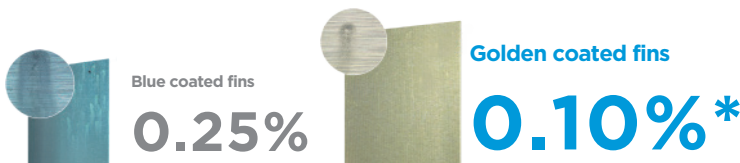
AUTO DEDUSTING

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.



COMPARATIVE RESULT OF CORROSION AREA

240h UVB light & 72h neutral salt spray test







* The result Ref. JIS Z 2371: 2015, Annex 1

* Compared samples are Midea fins: Midea gold coated fins in HD5330/HW6550. Midea blue coated fins in HD2202-2/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*10), which can remove more dust and bacteria, keeping the AC clean and performing well.

Condensed Water 10min 	Frosting 10min 	Washing 20min 	Drying 2min 	
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Cooling mode & Mid-speed wind

The temperature cools rapidly ($T < -10^{\circ}\text{C}^{\ast}10$) 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 Maintain

Quick and Easy to Pull-out PCB The Easier Solution for PCB Replacement

5 steps
Maintenance efficiency increased by **32%**
74S

- Open the Front Panel (3S)
- Remove ONE screw from the Electronic Control Box (5S)
- Take Away the Electronic Control Box Cover (3S)
- Remove Wire Terminals (60S)
- Pull Out the PCB (3S)

Ordinary AC
8 steps
109S

- Open the Front Panel (3S)
- Remove Screws from the Frame (15S)
- Unlock 3 Buckles/Slider Locks (15S)
- Remove the Front Frame (15S)
- Remove Screws from the Electronic Control Box (5S)
- Take Away the Electronic Control Box Cover (3S)
- Remove Wire Terminals (60S)
- Pull Out the PCB (3S)

Pull-out Fan Motor The Easier Solution for Fan Motor Replacement

4 steps
Maintenance efficiency increased by **72%**
3min 20s

- Remove the Front Frame (1min)
- Remove the Electronic Control Box (1min)
- Take Away the Motor Bracket (1min)
- Pull Out the Fan Motor (20S)

Previous AC
7 steps
12min

- Turn On the AC (3S)
- Recycle Refrigerant (2min)
- Remove the IDU from the Wall (5min)
- Remove the Front Frame (1min)
- Remove the Electronic Control Box (1min)
- Remove the Evaporator (2min)
- Pull Out the Fan Motor (1min)

Model			SAPV18CDEFKSA	SAPV18HDEFKSA	SAPV24CDEFKSA	SAPV24HDEFKSA	SAPV30HDAG1KSA
Power supply		V,Hz,Ph	230V-60Hz,1Ph	230V-60Hz,1Ph	230V-60Hz,1Ph	230V-60Hz,1Ph	230V-60Hz,1Ph
SEER			15.65	16.35	15.95	15.50	15.15
Energy class			B	B	B	B	B
Cooling(T1)	Capacity	Btu/h	18200(6800-23500)	19100(6900-23500)	23200(5700-29900)	24000(5700-30000)	29000(9600-32000)
	Input	W	1461(366-2285)	1552(426-2400)	1966(410-2930)	1936(415-2900)	2292(550-3400)
	Rated current	A	6.5	6.9	8.4	8.9	10.16
	EER	(Btu/h)/W	12.45	12.3	11.8	12.4	12.65
Cooling(T3)	Capacity	Btu/h	16900	18500	21400	23200	25400
	Input	W	1888	2033	2326	2607	2731
	Rated current	A	8.4	9	10.3	11.9	12.11
	EER	(Btu/h)/W	8.95	9.1	9.2	8.9	9.3
Heating	Capacity	W	/	5000	/	6500	7600
	Input	W	/	1370	/	1910	1990
	Rated current	A	/	6.1	/	8.7	8.8
	COP	W/W	/	3.65	/	3.4	3.8
Max. input consumption		W	3100	3100	3600	3900	4920
Max. current		A	14.5	14.5	16.5	18	22.5
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	1550/1315/1015/860
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	55/47.5/45.0/36
Indoor unit	Dimension(W*D*H)	mm	975x218x308	1055x231x330	1055x231x330	1055x231x330	1259x283x362
	Packing (W*D*H)	mm	1035x295x385	1130x405x310	1130x405x310	1130x405x310	1340x450x385
	Net/Gross weight	Kg	11/14	13.1/16.7	13.1/16.5	13/16.6	19.14/25.04
Outdoor noise level		dB(A)	60	61	59.5	60	60.5
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	805x330x554	890x342x673	890x342x673	946x410x810
	Packing (W*D*H)	mm	915x370x615	915x370x615	995x398x740	995x398x740	1090x500x885
	Net/Gross weight	Kg	28.7/31.1	29.8/31.8	37.5/40.5	40/43	51.07/55.47
Refrigerant type		Kg	R32/0.67	R32/0.85	R32/0.86	R32/1.11	R32/1.68
Design pressure		MPa	4.8/1.7	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)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	30	30	30	30	50
	Max. difference in level	m	20	20	20	20	25
Connection wiring			1.5x4//	1.5x4//	1.5x4//	1.5x4//	1.5x4//
Plug type			1.5x3/no-plug	1.5x3/no-plug	2.5x3/no-plug	//no-plug	//no-plug
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature		°C	16-30	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.