Midea

مكيّفات مايديا

Air Max

TropicPRO Max Power, Max Pure Air.

Features

- TropicPRO
- 180° Spinning Wind Deflector
- Coolflash
- Healthy Air Management
- Smart Control
- Easy to Install
- Easy to Maintain
- Easy to Clean

Appearance

HUSSEIN & AL-HASSAN G SHAKER BROS.

H&H SHAKER HH-SHAKER.COM.SA

SHAKER

شركة الأخوان حسين و الحسن غازي شاكر

HHSHAKERCO الرقم الموحد 8002440247

T3 TropicPRO

Extreme Performance To Beat The Heat

Only Midea Survive the Heat Triple Test

Non-stop cooling at **70°C**[1]

100% cooling capacity output at **56°C**[2]

Cool an entire room by **10°C**[3] (in 10 mins)

Verified by intertek Total 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 cools 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.

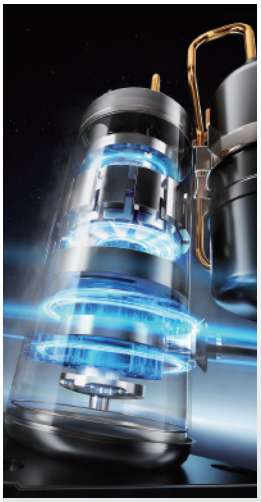
Air Grid Enlargement

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

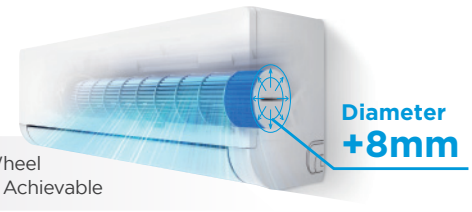
Twin-rotary Compressor
- Stable rotation, Less vibration, more reliability

*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



Diameter +8mm

Upgraded Wind Wheel
Larger Air Volume Achievable

*Data compared between KSA-KT3FR65G/N1Y-AG11DT(C7) and ME-KT3FR105LW/N1Y-FNT(B9)-[N]

Air Volume
1600m³/h*

Airflow Distance Up to
17.4M*

* 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.

*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

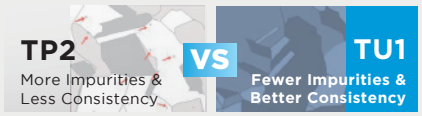
Prime technologies in reliability and durability Guard comfort cool.

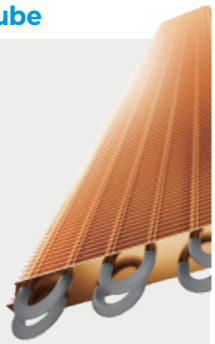
Optional

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.





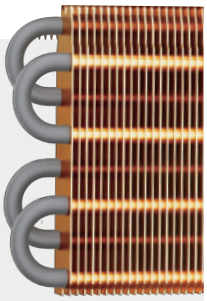
Optional

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%[*5] **VS** **>50%**

Anti-corrosive Coated Pipe | Ordinary Pipe

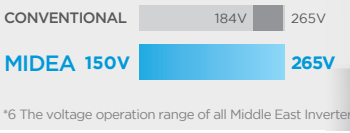


Verified by intertek

*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*6. 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.



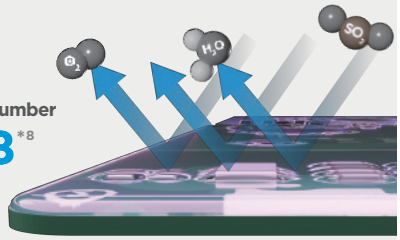
*6 The voltage operation range of all Middle East Inverter models is 150V-265V.

Reliable PCB with UV Conformal Coating

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

Corrosion Area **<0.02%**[*7]

Rating Number **9.8**[*8]



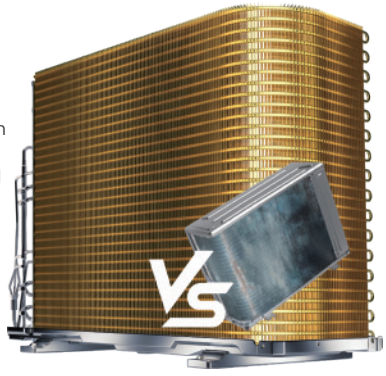
Verified by intertek

*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.



COMPARATIVE RESULT OF CORROSION AREA

240h UVB light & 72h neutral salt spray test

Blue coated fins

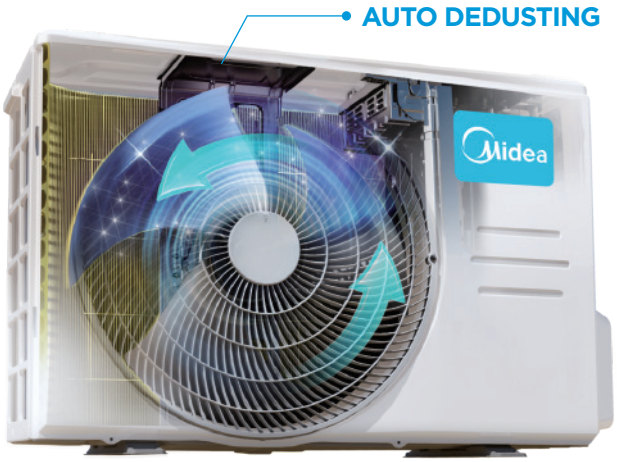
0.25%

Golden coated fins

0.10%*

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 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.

Visible Saving Under Your Thumb


Energy Monitor


Energy Report

Time Forecasting


Energy Reminder

Smart Wireless Control Wherever You Are

Simply download the SmartHome app to control your air conditioner at anytime and from anywhere for ultimate convenience and peace of mind.

Easy to use

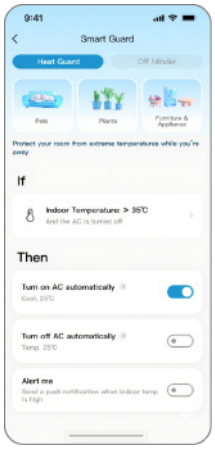
Smart Control

SmartHome
Smart Compatible

Heat Guard

Concerned about appliance and furniture damage from extreme heat while you're away?

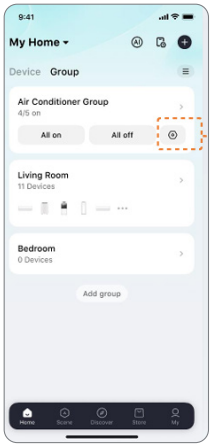
Midea's 'Heat Guard' feature automatically activates your AC when room temperatures rise too high. Simply set your desired trigger temperature in the app for complete peace of mind.



Group Control

When you need to synchronize multiple ACs in the account to the same settings. You can use 'Group Control' to turn multiple ACs on or off with a single click.

Additionally, switching modes or performing other basic controls is also supported with just one click.



Location Based Services (LBS)

This smart AC automatically turns on or off based on your location detection, activating before you arrive or deactivating when you leave. The detection range is adjustable from 100m to 15km, with an option to disable location tracking for manual operation.

Easy To Install

Pull-down Structure

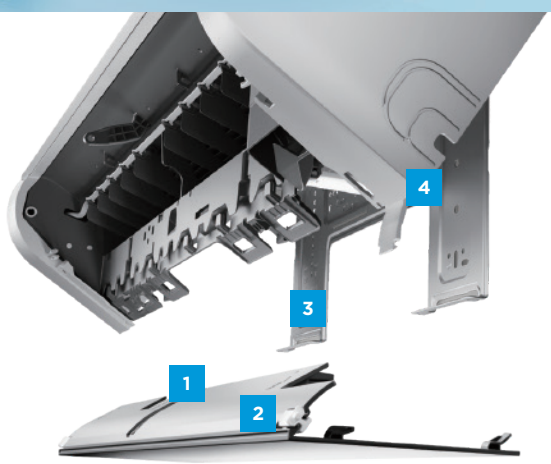
Just loosen ONE screw to remove the PULL-DOWN Structure, and stretch out the Built-in Support Holder for enlarged working space and improved visibility, providing installers with a better installation solution.

Screw
Just Loosen

Sliders

Enlarged Working Space

More Convenient and Stable

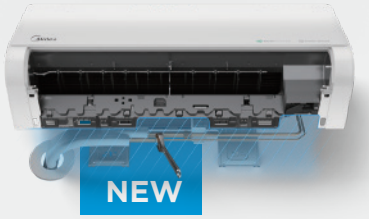


Easier, Quicker & More Installer-friendly Solution

IN Embedded Pipe

Enlarged Working Space & Improved Visibility

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



Previous AC

Insufficient Working Space

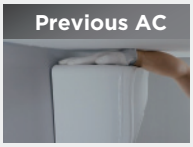
resulting in having to loosen 5 screws and dismantle the entire frame

IN 5cm Ceiling

Even when installed just 5cm from the ceiling, intake airflow stays strong, adapting to different installation needs.

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

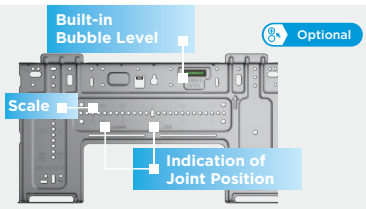
Previous AC



Limited ceiling space

Flush-to-ceiling installation restricted intake airflow, affecting cooling pertormance.

Installer-friendly Design



Mounting Plate Upgrade

Easier to align the mounting location

Pocket Hole

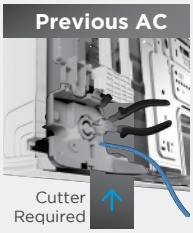
More space for a wrench

Wire Tunnel

Tool-less Wiring

Fewer steps, Easier Wiring

Previous AC



Cutter Required

Easy To Maintain

Quick and Easy to Pull-out PCB

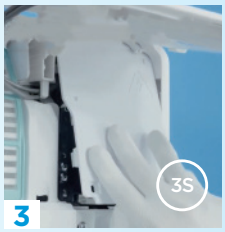
The Easier Solution for PCB Replacement

5 steps

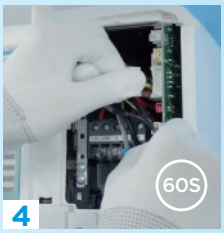
Maintenance efficiency increased by **32%** (74S)

Open the Front Panel

Remove ONE screw from the Electronic Control Box



Take Away the Electronic Control Box Cover

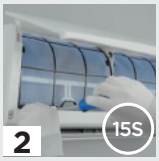


Remove Wire Terminals

Pull Out the PCB

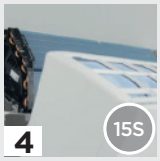
Ordinary AC **8 steps** (109S)

Open the Front Panel



Remove Screws from the Frame

Unlock 3 Buckles/ Slider Locks

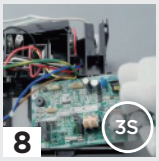


Remove the Front Frame

Remove Screws from the Electronic Control Box

Take Away the Electronic Control Box Cover

Remove Wire Terminals



Pull Out the PCB

Pull-out Fan Motor

The Easier Solution for Fan Motor Replacement

4 steps

Maintenance efficiency increased by **72%** (3min 20s)

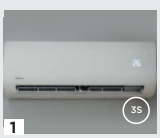
Remove the Front Frame

Remove the Electronic Control Box

Take Away the Motor Bracket

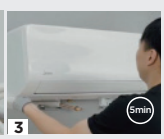
Pull Out the Fan Motor

Previous AC **7 steps** (12min)



Turn On the AC

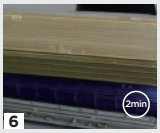
Recycle Refrigerant



Remove the IDU from the Wall

Remove the Front Frame

Remove the Electronic Control Box



Remove the Evaporator

Pull Out the Fan Motor

Product Specification

Model			SAPV18CDEZ1KSA	SAPV18HDEZ1KSA	SAPV24CDEZ1KSA	SAPV24HDEZ1KSA
Power Supply		V,Hz,Ph	230V-60Hz,1Ph	230V-60Hz,1Ph	230V-60Hz,1Ph	230V-60Hz,1Ph
SEER			15.65	16.35	15.95	15.50
Energy Class			B	B	B	B
Cooling (T1)	Capacity	Btu/h	18200(6800-23500)/5.34kW	19100(6900-23500)/5.61kW	23200(5700-29900)/6.81kW	24000(5700-30000)/7.02kW
	Input	W	1461(366-2285)	1552(426-2400)	1966(410-2930)	1936(415-2900)
	Rated Current	A	6.50	6.90	8.40	8.90
	EER	Btu/h/W	12.45	12.30	11.80	12.40
Cooling (T3)	Capacity	Btu/h	16900/4.95kW	18500/5.43kW	21400/6.27kW	23200/6.81kW
	Input	W	1888	2033	2326	2607
	Rated Current	A	8.4	9.0	10.30	11.90
	EER	Btu/h/W	8.95	9.10	9.20	8.90
Heating	Capacity	W	/	5000	/	6500
	Input	W	/	1370	/	1910
	Rated Current	A	/	6.10	/	8.7
	COP	W/W	/	3.65	/	3.40
Max. Input Consumption		W	3100	3100	3600	3900
Max. Current		A	14.5	14.5	16.5	18.0
Indoor air flow (turbo-high-mid-low)		m^3/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. total pipe length	m	30	30	30	30
	Max. Elevation	m	20	20	20	20
Connection wire spec			1.5x4//	1.5x4//	1.5x4//	1.5x4//
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, forming 7 business segments mix with the combination of both our To C and To B businesses, including Smart Home, Industrial Technology, Building Technology, KUKA, New Energy, Midea Healthcare and ANNTO Logistics. 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 58 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 64.3 billion in 2025, YOY increase of 14.8%, Net profit attributable to shareholders of the company was USD 6.2 billion, YOY increase of 16.98%, 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.