



Midea

OFFICIAL PARTNER



Midea

مكيّفات مايديا



Air Pro

TropicPRO Coolness, Pro Purification.

Feature



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.

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HSHAKERCO

الرقم الموحّد 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

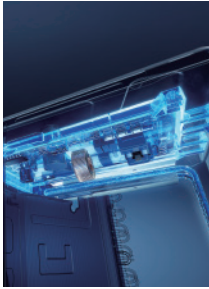
10°C
Cooler in 10 Min³

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.

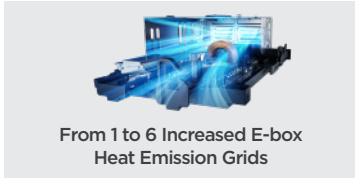
Aerospace-Grade Superconductive Heatsinks

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

5X Heat Transfer Efficiency
than conventional fan cooling tech*

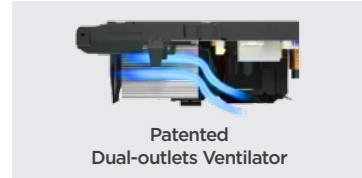
*Ice Circuit heat transfer coefficient 493.54 W/m²K vs Fan cooling tech 99.31 W/m²K.

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

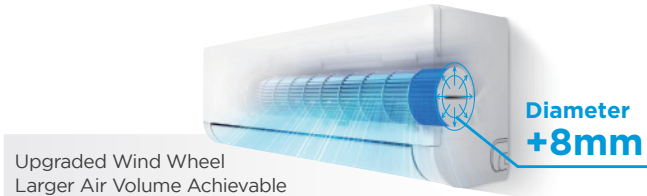
- Stable rotation, Less vibration, more reliability

*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

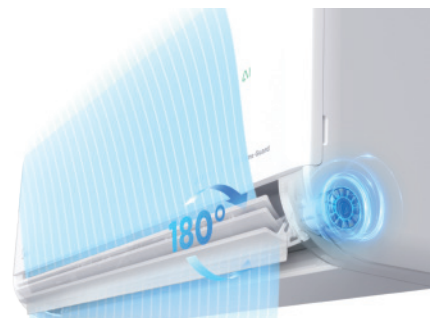
Diameter
+8mm

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.

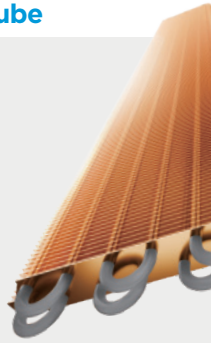
TP2

More Impurities & Less Consistency

VS

TU1

Fewer Impurities & Better Consistency



Optional

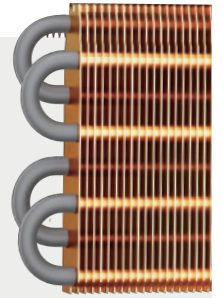
Silver Shield Anti-corrosive Coating

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** Test Quality Assured

*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.

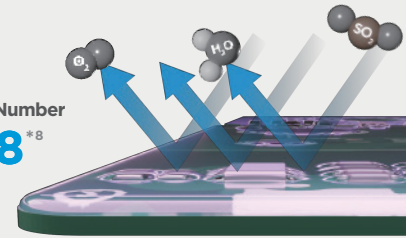
Reliable PCB with UV Conformal Coating

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

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

Verified by **intertek** Test Quality Assured

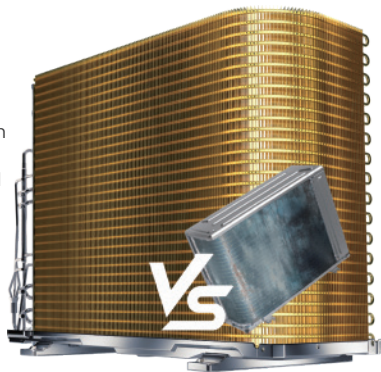
*7 Depended on the using industrial environment with salt contamination (Ref. ISO 21207: 2015, Annex A, test method B, JIS Z 2371:2015 Annex JC)
*8 The full rating number is 10.



GOLDEN COATING FIN

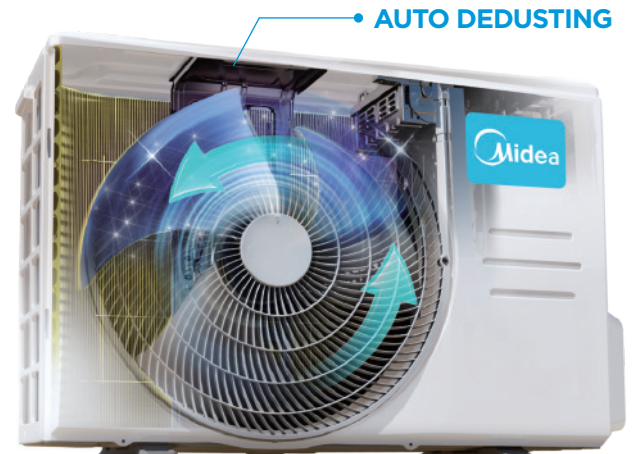
2.5X Corrosion Resistance than Blue Coated Fins

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.



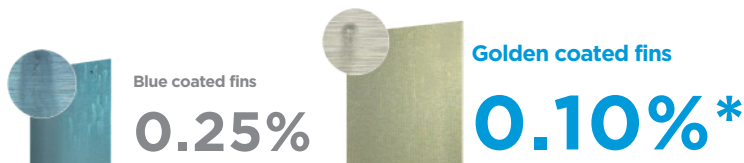
AUTO DEDUSTING

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.



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.



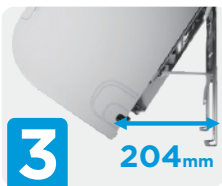
1

Screw
Just Loosen



2

Sliders



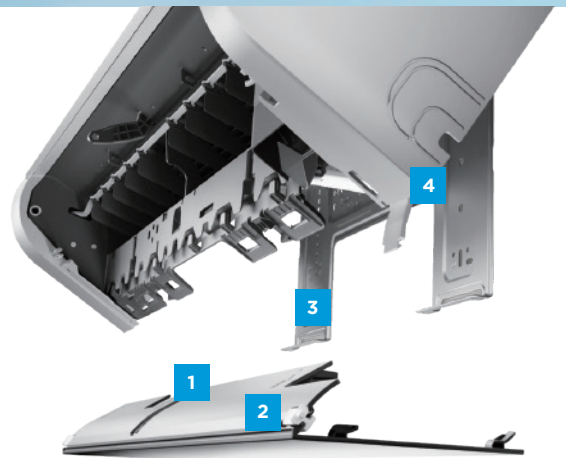
3

204mm
Enlarged Working Space



4

Built-in Support Holder and Groove
More Convenient and Stable

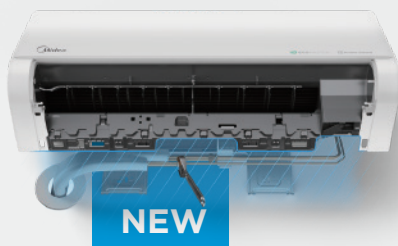


Easier, Quicker & More Installer-friendly Solution

IN Embedded Pipe

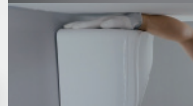
Enlarged Working Space & Improved Visibility

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

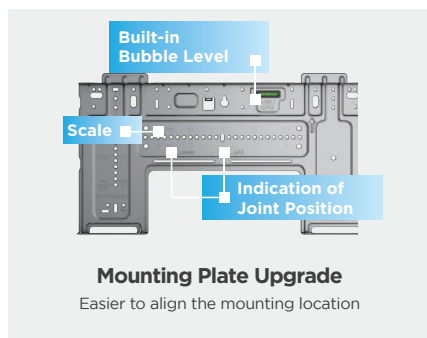
* Please remove the support holder before installation in the case of a 5cm ceiling.

Previous AC



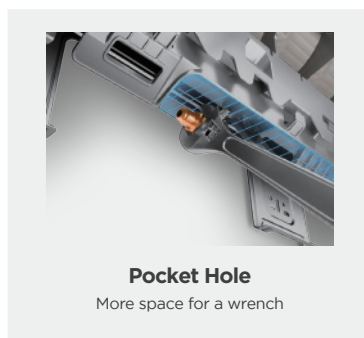
Insufficient Working Space
resulting in having to loosen 5 screws and dismantle the entire frame

Installer-friendly Design



Mounting Plate Upgrade

Easier to align the mounting location



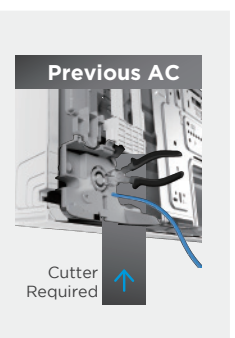
Pocket Hole

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



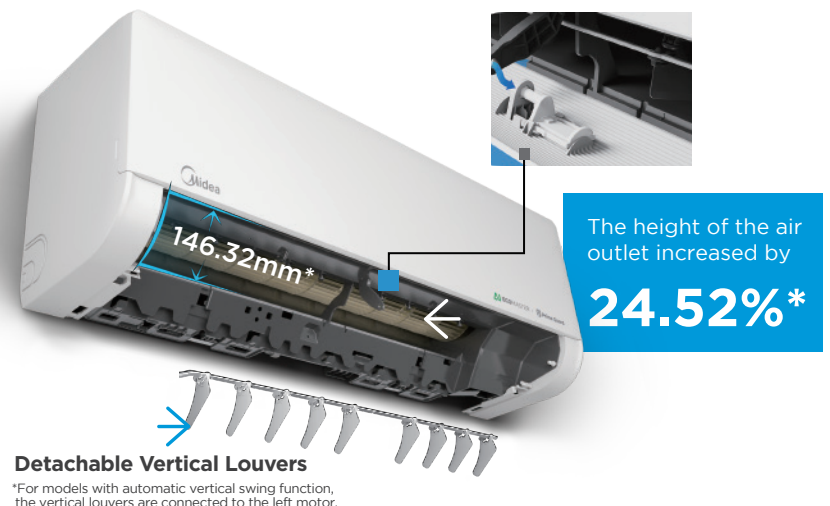
6 2min
Remove the Evaporator



7 1min
Pull Out the Fan Motor

Easy To Clean

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



*Data compared between SAPV24HDEZ2KSA and MSTMXV24HRN2AGI

Model			SAPV18CDEZ2KSA	SAPV18HDEZ2KSA	SAPV24CDEZ2KSA	SAPV24HDEZ2KSA
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)	19100(6900-23500)	23200(5700-29900)	24000(5700-30000)
	Input	W	1461(366-2285)	1552(426-2400)	1966(410-2930)	1936(415-2900)
	Rated current	A	6.5	6.9	8.4	8.9
	EER	(Btu/h)/W	12.45	12.3	11.8	12.4
Cooling(T3)	Capacity	Btu/h	16900	18500	21400	23200
	Input	W	1888	2033	2326	2607
	Rated current	A	8.4	9	10.3	11.9
	EER	(Btu/h)/W	8.95	9.1	9.2	8.9
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	2025/11/14	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.