



MIDEA

RESIDENTIAL AIR CONDITIONER

2026

MIDEA SHAKER COMPANY



شركة ميديا شاكر شركة ميديا شاكر



MIDEA SHAKER COMPANY PRODUCT CATALOG

2026

RESIDENTIAL AIR CONDITIONER

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MIDEA GROUP

is a Fortune 500 company, with robust business growth across multiple sectors. We believe in humanizing technology and provide customized solutions for SmartHome appliances, electro-mechanical, building technologies, robotic & automation and digital innovation.

Leading Pioneer



Midea
The World's No.1 Air Treatment Brand For 4 Consecutive Years



Midea
The World's No.1 Residential Inverter Air Conditioner Company for 2 Consecutive Years



Midea
The World's No.1 R290 Air Conditioner Company for 2 Consecutive Years



Comfee
The Germany's No.1 Split Air Conditioner Company For 6 Consecutive Years

Robust Enterprise



#246 on the Fortune Global 500

China Top 50 Sustainable Development Industrial Enterprises

Midea Group was awarded by Forbes for its outstanding performance in green manufacturing, carbon neutrality, sustainable development and ESG construction.

Empower Society

#Worldclass Sponsorship with Manchester City

Midea Group and Manchester City have been kicked off global partnership since 2020 and launched several award-winning campaigns.

Connected Worldwide



Enterprise History

Keep forging ahead and embrace what's next.

- **1968** Mr.He Xiangjian led a group of 23 Biejiao residents to start the business with only ¥5,000 (690 USD).
- **1981** The company registered the "Midea" trademark, which marked the birth of the Midea brand.
- **1985** Midea entered the AC industry, establishing the exploration of new product categories in home appliances industry.
- **1990** Midea invested more than ¥100 million (13.8 million USD) to build the first high-end industrial park.
- **2000** Midea held the Millennium Ceremony to mark the start of a new era. In the same year, the sales revenue of Midea exceed ¥10 billion (1.38 billion USD).
- **2004** Midea further diversified its product portfolio by carrying out a series of mergers and acquisitions. It expanded its business to refrigerator, washing machine and other white goods.
- **2007** Midea built its first overseas manufacturing base in Vietnam.
- **2010** Midea's sales revenue exceeded ¥100 billion (1.38 billion USD). In the same year, Midea's new headquarters building went into operation.
- **2012** He Xiangjian, the founder of Midea, resigned from the Board, and Paul Fang was named as the new chairman.
- **2013** Midea Group became the first company in mainland China that successfully privatized the listed company and the group went public.
- **2016** Midea first entered the Fortune Global 500 list and was the first Chinese household appliances company to be included on the list. Midea acquired 80.1% equity of Toshiba Lifestyle Products & Services Corporation and acquired 80% equity of Clivet.
- **2017** Midea acquired 94.55% equity of KUKA and 79.37% equity of SERVOTRONIX, officially entering the robotics and automation industry.
- **2019** Ranked 307th on Fortune Global 500.
- **2021** Midea's revenue exceeded ¥300 billion (41.38 billion USD). Ranked 288th on Fortune Global 500.
- **2023** 55th anniversary.
- **2024** Ranked 277th on Fortune Global 500.
- **2025** Midea's revenue exceeded ¥400 billion (55.17 billion USD) Teka begins a New Century as part of Midea Group. Midea has entered the Fortune Global 500 for 10 consecutive years from 2016, ranked 246th in 2025.



MIDEA RESIDENTIAL AIR-CONDITIONING

Is one of the world's leading HVAC manufacturers and professional air management solution providers.

<p>Achieve</p> <p>\$18B+</p> <p>Total Revenue of 2024</p>	<p>Work with</p> <p>33K</p> <p>Employees</p>	<p>Serve</p> <p>~0.4B</p> <p>Consumers</p>	<p>Market Quantity</p> <p>200+</p> <p>Countries & Regions</p>
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Valuable Brands With Significant Awareness In Markets



Midea is the world's number one air-treatment brand*, offering a wide range solutions from commercial to residential. Midea's most comprehensive selection of products in the world to fully serve the needs of day-to-day living at home, at work, or anywhere else you go.

* Source Euromonitor International (Shanghai) Limited; Consumer Appliances 23ed, retail volume sales in units, 2022 data

We Inspire What's Next



50%

of R&D personnels with master's and doctor's degrees working in various technical directions.

21,000

authorized patents to date enable Midea to keep exploring the world of innovative, intelligent air conditioners.

\$2B+

investments on R&D across 5 years with 24% year-on-year growth rate enhancing the competitiveness of Midea.

We MANUFUTURE

Midea reinvented the manufacturing with a whole new world of **FIRSTs**

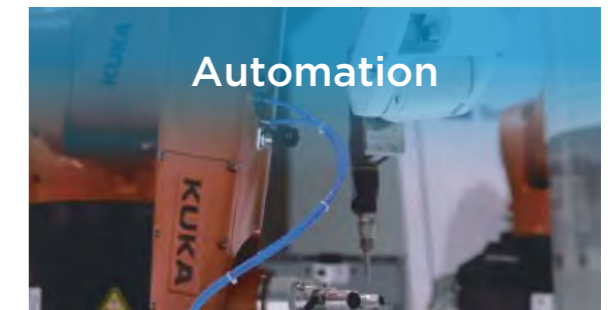


The first complete KUKA robot automatic production line in the AC industry.

The KUKA Robot can increase yield, uptime, quality and efficiency as well as reduce costs and waste.

The first radically transparent manufacturing process.

The LED displays real-time analytics of nearly every facet of the factory, from production planning and logistics to the monitoring of production and business processes.



The first highly digitized and automated electronic workshop.

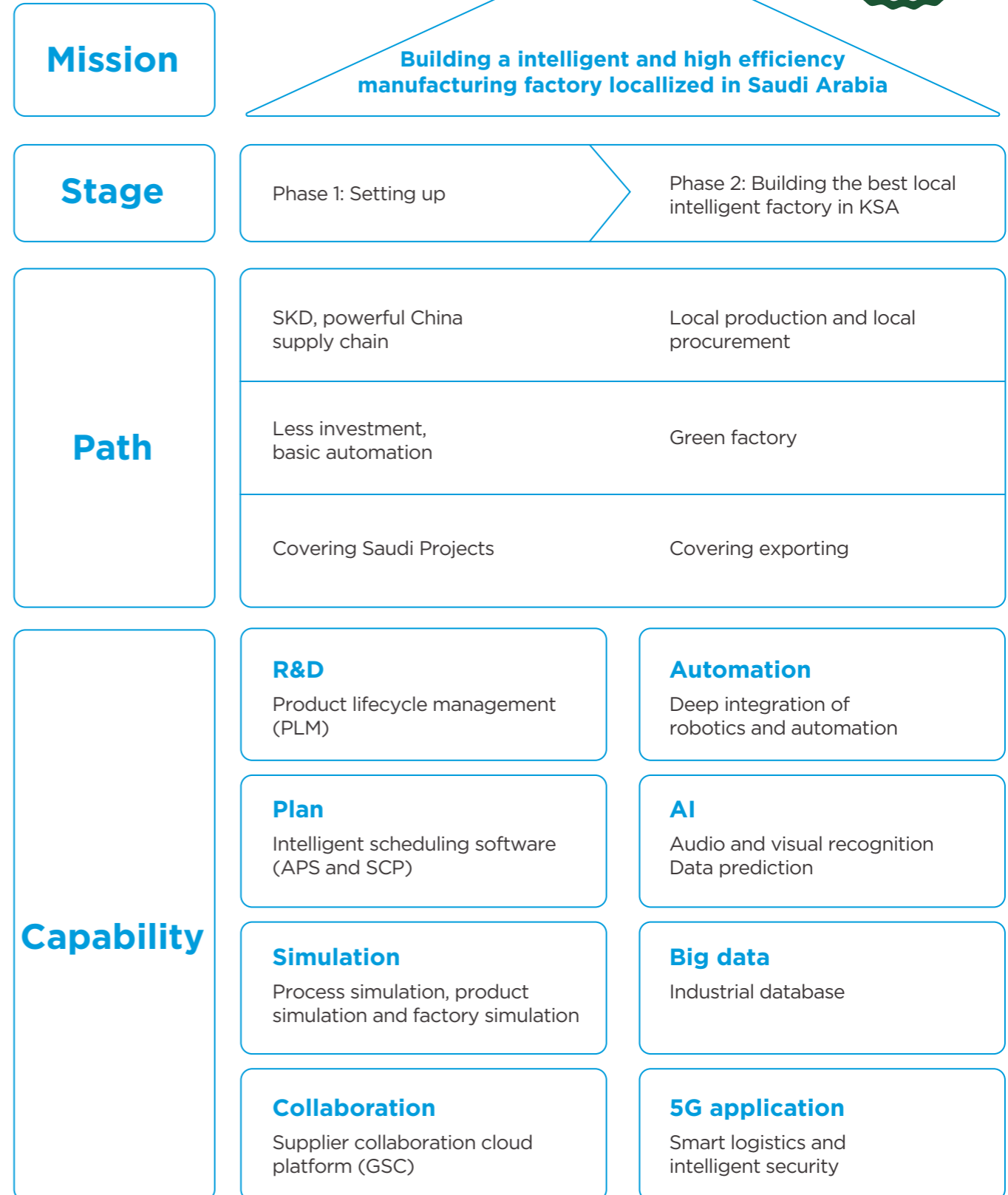
The SCADA* system realizes inter-equipment connection and communication. Without stagnation, production cycles are shortened by reducing the waiting times.

*SCADA: supervisory control and data acquisition.

39 global quality certifications and support from 3,000 engineers & inspectors



MIDEA SHAKER COMPANY STRATEGIC POSITIONING



REAL SUCCESS IN THE REAL WORLD

Midea's projects integrate with the world by competitive solutions.

01-Government



Ministry of Culture - JAX

Riyadh



Concealed Duct Split



Land Forces

Najran



Wall Mounted Split



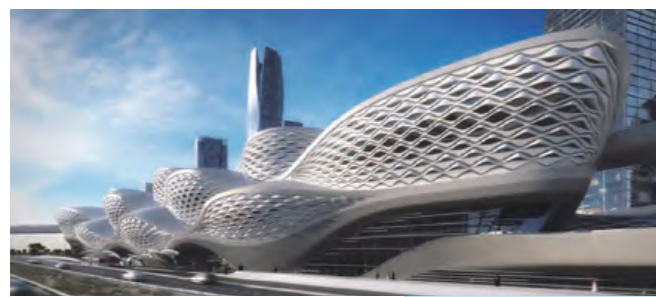
Navy

Jubail



Wall Mounted Split

02-Commercial



BACS Metro

Riyadh



Wall Mounted Split Window

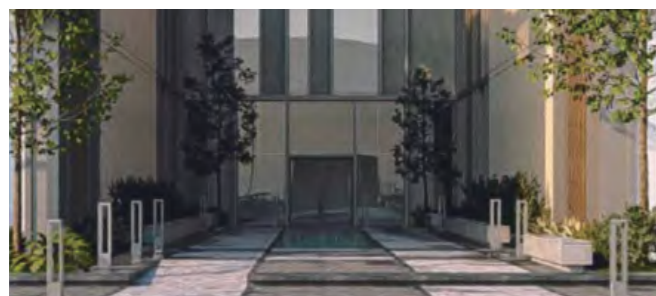


line 3 Metro

Riyadh



Wall Mounted Split Window



Business Lane Abniya

Riyadh



Concealed Duct Split



Laheq Island project Neom

Neom



Wall Mounted Split

03-Hospital



Alhalim Clinics

Riyadh



Concealed Duct Split



Riyadh Clinics

Riyadh



Concealed Duct Split



Dallah Clinic

Riyadh



Wall Mounted Split Window Concealed Duct Split



United Pharmacies KSA

Kingdom



Cassette Split

04-Residential Housing



AL Ehssa Villas Al Hassa

Al Ehssa



Wall Mounted Split



Al Foursan

Riyadh



Wall Mounted Split



Al khafji Villa

Al Khafji



Wall Mounted Split



BACS compound

Riyadh



Wall Mounted Split Window



Dorat Khamis

Aseer



Wall Mounted Split



NHC Housing Project - KSA

Kingdom



Wall Mounted Split



Tamear Real State Compound 1& 2

Riyadh



Wall Mounted Split



24 Private Villas Complex

Jeddah



Concealed Duct Split Cassette Split

05-School



Maayeer School

Riyadh



Wall Mounted Split Cassette Split



Sahafa School

Riyadh

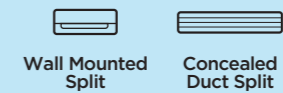


Wall Mounted Split Cassette Split



Tarbyah Namothajeya School

Riyadh



Wall Mounted Split Concealed Duct Split



TBC Schools

Jizan



Cassette Split

PRODUCT LINE UP

SPLIT AC

- Air Eco
- Elite

WINDOW AC

- Wonder AC
- Mechanical Window AC

LIGHT-COMMERCIAL

- A7 Duct
- Cassette
- GD Floor Standing
- GA Floor Standing

COMMERCIAL AIR CONDITIONER

VRF

- V8
- V8 S
- VC MAX
- Atom B Mini VRF

Desert Rooftop

* Midea Shaker Company has all relevant products in the HVAC field, for CAC (commercial air conditioning) products, please refer to the CAC product catalogue.

01



**SPLIT
AC**



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.

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.

<p>Master World's Largest Inverter AC Production</p> <p>41Millions</p>	<p>Master Industry Largest AC Operational Data</p> <p>100Billions</p>	<p>AI ECOMASTER</p> <p>Faster and Precise Control Achieving Energy Saving and Comfort</p> <ol style="list-style-type: none"> 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. 	<p>Other ECO</p> <p>Imprecise Control, High Temperature Fluctuation, Energy Wastage</p> <ol style="list-style-type: none"> Single data source of only indoor temperature Simple control logic from limited preset settings without reacting to changes in the condition of the room.
<p>Master Energy Innovation Globally with</p> <p>805Patents</p>			

Air Eco

TropicPRO Coolness, AI Energy Savings

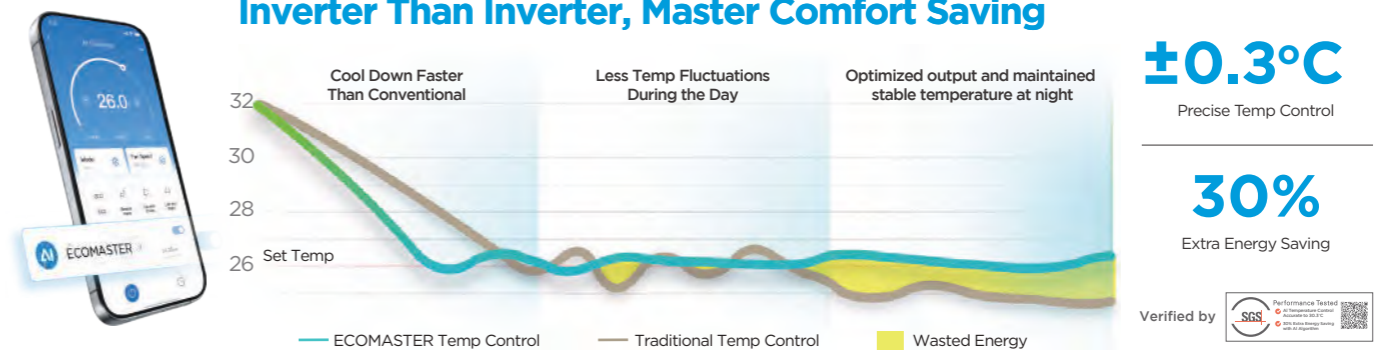
Feature

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

Appearance



Inverter Than Inverter, Master Comfort Saving



Visible Saving Under Your Thumb



Smart 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



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 | 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.

CONVENTIONAL: 184V | 265V

MIDEA 150V: 265V

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

Reliable PCB with UV Conformal Coating

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

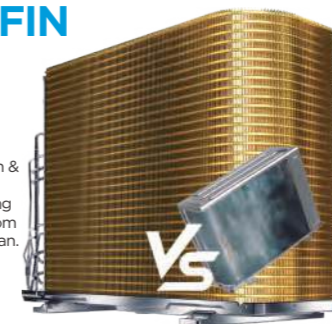
Corrosion Area **<0.02%*** | Rating Number **9.8***

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 an 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.



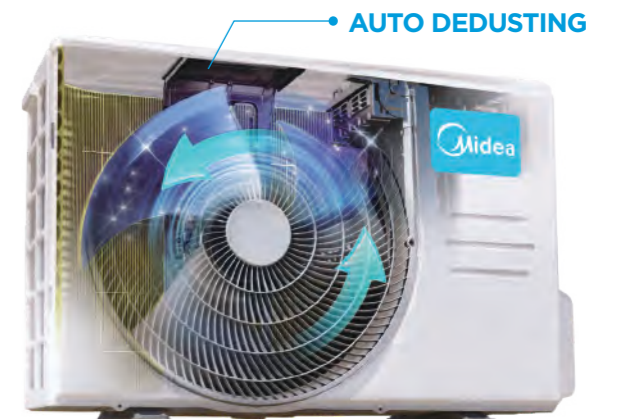
AUTO DEDUSTING

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

Blue coated fins: **0.25%** | Golden coated fins: **0.10%***



* 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	Total 42mins
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Cooling mode & Mid-speed wind

The temperature cools rapidly (T<-10°C*10) Defrost into water to and frost forms on the evaporator surface. 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%
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

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

Ordinary AC
8 steps
109S

1. Open the Front Panel (3S)
2. Remove Screws from the Frame (15S)
3. Unlock 3 Buckles/Slider Locks (15S)
4. Remove the Front Frame (15S)
5. Remove Screws from the Electronic Control Box (5S)
6. Take Away the Electronic Control Box Cover (3S)
7. Remove Wire Terminals (60S)
8. 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

1. Remove the Front Frame (1min)
2. Remove the Electronic Control Box (1min)
3. Take Away the Motor Bracket (1min)
4. Pull Out the Fan Motor (20s)

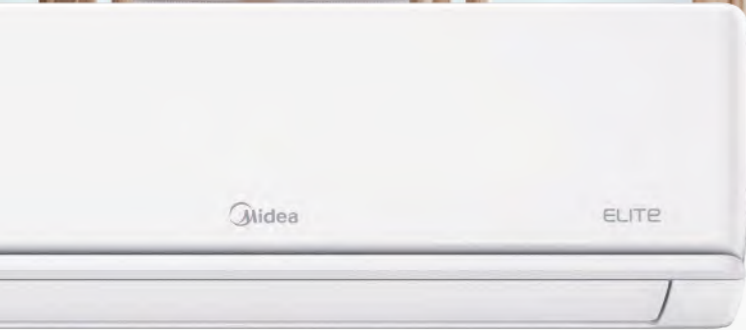
Previous AC
7 steps
12min

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

PRODUCT SPECIFICATION

Air Eco

Model		SAPV18CDEFKSA	SAPV18HDEFKSA	SAPV24CDEFKSA	SAPV24HDEFKSA	SAPV30HDEFKSA	
Power Supply	V,Hz,Ph	220-240V 50/60Hz, 1Ph	220-240V 50/60Hz, 1Ph	220-240V 50/60Hz, 1Ph	220-240V 50/60Hz, 1Ph	220-240V 50/60Hz, 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	6.50	6.90	8.40	8.9	10.16
	EER	(Btu/h)/W	12.45	12.30	11.80	12.40	12.65
Cooling(T3)	Capacity	Btu/h	16900	18500	21400	23200	25400
	Input	W	1888	2033	2326	2607	2731
	Rated Current	A	8.40	9.00	10.30	11.9	12.11
Heating	EER	(Btu/h)/W	8.95	9.10	9.20	8.90	9.30
	Capacity	W	/	5000	/	6500	7600
	Input	W	/	1370	/	1910	1990
	Rated Current	A	/	6.1	/	8.7	8.8
COP	W/W	/	3.65	/	3.40	3.80	
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/Hi/Mi/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/Hi/Mi/Low)	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. total pipe length	m	30	30	30	30	50
	Max. Elevation	m	20	20	20	20	25
Connection wire spec		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	



Elite

Features:



High Density Filter



Wide Angle Airflow



Do Not Disturb



Quiet Operation



Long Distance Windblast

Appearance



Strong Cooling Performance

68°C **X**TREME COOL

Even at hot temperatures of up to 68°C, the XtremeEngine™ compressor can still operate effectively, providing optimal cooling to the room without any interruptions. It prevails with 100% full-output to keep you cool at even 50°C outdoor temperature.



3D Airflow

The directional air-outlet moves automatically both horizontally and vertically, directing airflow to fill in every corner of the room.



Smart Diagnosis

The Smart Diagnosis automatically tests **97 functions** via its mobile app. Once a problem is detected, the air conditioner will display the error code "EC". By simply swiping your finger you can give your air conditioner a checkup, allowing you to conduct maintenance in a timely manner. It's just like having a private doctor for your air conditioner.



Prime Guard

The Prime Guard is more resistant to oxidation and corrosion than ordinary blue fins of condensers. It can effectively prevent bacteria from breeding and spreading, and withstand corrosive elements.



Easy maintenance



Healthy and Clean



Long Lasting

 Prime Guard





T-shape Casing

Archimedes' screw-shaped air outlet and T-Shaped top cover together keep rain or sand away from the unit, ensuring stable operation of the interior.

Healthy Filters

Dual Filtration

The Dual Filtration system thoroughly eliminates harmful substances through the 2 steps, providing fresh and clean air to you.

STEP1: High Density Pre Filter

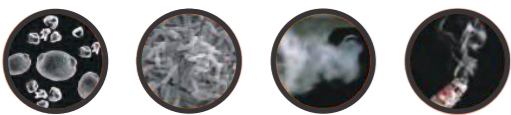
Dust



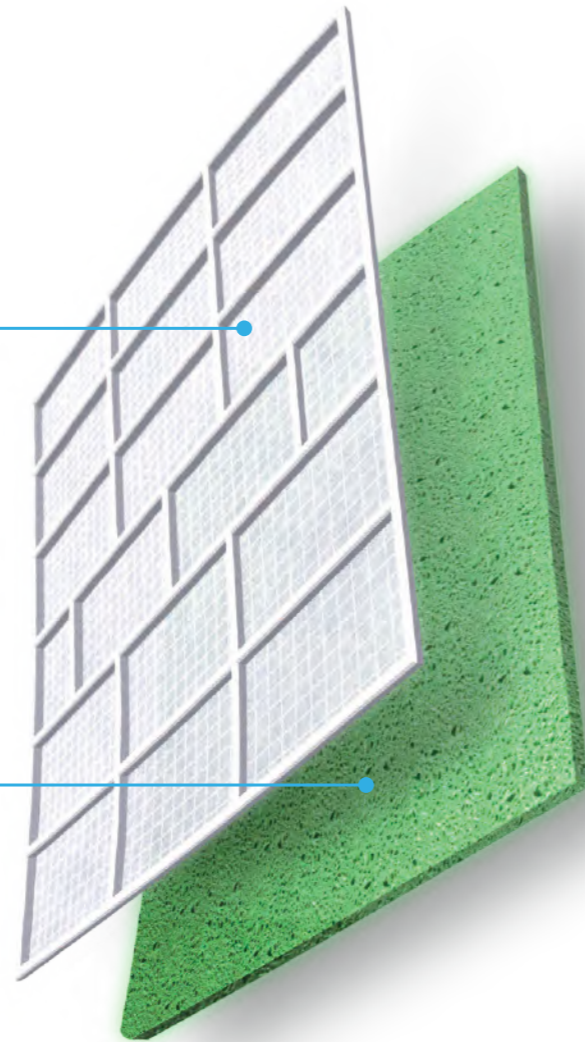
Dog hair Dead mite feces Fung

STEP2: Micro Protection Filter

Pollen (Allergen), smoke, micro dust(under 0.3um)



Flower pollen Bacteria Car exhaust fumes Smoke



PRODUCT SPECIFICATION

ELITE

Model			MSTE12CRN1AG2KSA	MSTE12HRN1AG2KSA	MSTE18CRNAG2KSA
Power Supply	V,Hz,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			10.7	11	10.8
Energy Class			D	D	D
Cooling (T1)	Capacity	Btu/h	12300/3.60Kw	12400/3.63kW	18800/5.52Kw
	Input	W	976	961	1492
	Rated Current	A	4.33	4.26	6.62
	EER	Btu/h/W	12.60	12.90	12.60
Cooling (T3)	Capacity	Btu/h	11000/3.21Kw	11100/3.24Kw	16500/4.83Kw
	Input	W	1229	1193	1793
	Rated Current	A	5.44	5.29	7.94
	EER	Btu/h/W	8.95	9.30	9.20
Heating	Capacity	W	/	3300	/
	Input	W	/	943	/
	Rated Current	A	/	4.2	/
	COP	W/W	/	3.50	/
Max. Input Consumption	W		1500	1500	2400
Max. Current	A		8	8	12.3
Starting Current	A		27	27	40
Indoor air flow (Turbo/Hi/Mi/Low)	m ³ /h		800/720/630/550	800/720/630/550	1430/1185/1090/1005
Indoor noise level (Turbo/Hi/Mi/Low)	dB(A)		41/40/37/34	41/40/37/34	51.5/45.5/43.5/39
Indoor unit	Dimension (W*D*H)	mm	969x241x320	969x241x320	1082x234x337
	Packing (W*D*H)	mm	1045x315x405	1045x315x405	1155x415x315
	Net/Gross weight	Kg	12/15.3	12/15.3	13.5/17.1
Outdoor noise level	dB(A)		55	54	57
Outdoor unit	Dimension (W*D*H)	mm	805x330x554	805x330x554	805x330x554
	Packing (W*D*H)	mm	915x370x615	915x370x615	915x370x615
	Net/Gross weight	Kg	31.4/34	33.8/36.5	36.2/38.8
Refrigerant type	Kg		R410A/0.83	R410A/1.1	R410A/0.93
Design pressure	MPa		4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ15.9(1/4"/5/8")
	Max. total pipe length	m	20	20	25
	Max. Elevation	m	8	8	10
Connection wire spec			1.5x3//	1.5x3+0.75x2	2.5x3//
Plug Type			1.5x3/no-plug	1.5x3/no-plug	2.5x3/no-plug
Thermostat Type			Remote Control	Remote Control	Remote Control
Operation Temperature	°C		16-30	16-30	16-30

PRODUCT SPECIFICATION

ELITE

Model			MSTE18HRN3AG2KSA	MSTE24CRN1AG2KSA	MSTE24HRN2AG2KSA
Power Supply	V,Hz,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			10.75	10.55	10.65
Energy Class			D	D	D
Cooling (T1)	Capacity	Btu/h	19000/5.55Kw	22400/6.57Kw	22800/6.66Kw
	Input	W	1532	1792	1824
	Rated Current	A	6.79	8.05	8.09
	EER	Btu/h/W	12.40	12.50	12.50
Cooling (T3)	Capacity	Btu/h	17200/5.04Kw	18900/5.55Kw	19900/5.82Kw
	Input	W	1849	2172	2211
	Rated Current	A	8.19	10.5	9.70
	EER	Btu/h/W	9.30	8.70	9.00
Heating	Capacity	W	5000	/	5750
	Input	W	1370	/	1620
	Rated Current	A	6.1	/	7.2
	COP	W/W	3.65	/	3.55
Max. Input Consumption	W	2300	2800	2800	
Max. Current	A	11.4	14.8	14.4	
Starting Current	A	35.0	50	50	
Indoor air flow (Turbo/Hi/Mi/Low)	m³/h		1400/990/850	1430/1080/1000/880	1490/1050/960/810
Indoor noise level (Turbo/Hi/Mi/Low)	dB(A)		46/44/40	51.5/45.5/43.3/40.8	53.5/49.5/43.5/39.5
Indoor unit	Dimension (W*D*H)	mm	1082x234x337	1082x234x337	1082x234x337
	Packing (W*D*H)	mm	1155x415x315	1155x415x315	1155x415x315
	Net/Gross weight	Kg	13.3/17	13.7/17.3	13.6/17.2
Outdoor noise level	dB(A)		57	61	61
Outdoor unit	Dimension (W*D*H)	mm	890x342x673	890x342x673	890x342x673
	Packing (W*D*H)	mm	995x398x740	995x398x740	995x398x740
	Net/Gross weight	Kg	44.8/47.9	46.2/49.4	48.2/51.3
Refrigerant type	Kg		R410A/1.78	R410A/1.11	R410A/1.8
Design pressure	MPa		4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ15.9(1/4"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. total pipe length	m	25	25	25
	Max. Elevation	m	10	10	10
Connection wire spec			2.5x3+0.75x2	2.5x4//	2.5x3+0.75x3
Plug Type			2.5x3/no-plug	2.5x3/no-plug	2.5x3/no-plug
Thermostat Type			Remote Control	Remote Control	Remote Control
Operation Temperature	°C		16-30	16-30	16-30

Model			MSTE30CRN4AB4KSA	MSTE30HRN5AB4KSA	MSTL36CRN3MBKSA	MSTL36HRN4MBKSA
Power Supply	V,Hz,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			10.80	10.5	10.35	10.35
Energy Class			D	D	D	D
Cooling (T1)	Capacity	Btu/h	28400/8.30Kw	28000/8.20Kw	32000/9.35Kw	32000/9.40Kw
	Input	W	2254	2267	2623	2623
	Rated Current	A	10.00	10.00	11.64	11.64
	EER	Btu/h/W	12.60	12.35	12.20	12.20
Cooling (T3)	Capacity	Btu/h	25000/7.30Kw	24800/7.25Kw	27200/7.95Kw	27200/7.95Kw
	Input	W	2703	2787	3145	3145
	Rated Current	A	12	12.36	13.95	13.95
	EER	Btu/h/W	9.25	8.9	8.65	8.65
Heating	Capacity	W	/	7700	/	8750
	Input	W	/	2026	/	2465
	Rated Current	A	/	9.0	/	10.9
	COP	W/W	/	3.80	/	3.55
Max. Input Consumption	W	3380	3370	4100	4100	
Max. Current	A	17.5	17.4	20.5	20.5	
Starting Current	A	60	60	78	78	
Indoor air flow (Turbo/Hi/Mi/Low)	m³/h		1580/1410/1310/1175	1580/1340/1235/1100	1680/1620/1440/1280	1680/1620/1440/1280
Indoor noise level (Turbo/Hi/Mi/Low)	dB(A)		54.5/48/44.5/40.5	55/50.5/46.5/43.5	52/51/48/45	52/51/48/45
Indoor unit	Dimension (W*D*H)	mm	1259x283x362	1259x283x362	1350x272x365	1350x272x365
	Packing (W*D*H)	mm	1340x450x385	1340x450x385	1475x460x380	1475x460x380
	Net/Gross weight	Kg	19.5/25.1	19.4/25.1	21.3/27.3	21.3/27.4
Outdoor noise level	dB(A)		59.5	60	61	63
Outdoor unit	Dimension (W*D*H)	mm	946x410x810	946x410x810	946x410x810	946x410x810
	Packing (W*D*H)	mm	1090x500x885	1090x500x885	1090x500x885	1090x500x885
	Net/Gross weight	Kg	59.97/64.37	61.7/66.2	68.4/73	69.8/74.5
Refrigerant type	Kg		R410A/2600	R410A/2320	R410A/2600	R410A/2700
Design pressure	MPa		4.8/1.5	4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	9.52(3/8in)/19(3/4in)	9.52(3/8in)/19(3/4in)
	Max. total pipe length	m	25	25	25	25
	Max. Elevation	m	10	10	10	10
Connection wire spec			2.5x3+0.75x3	2.5x3+0.75x3	1.0x4(Optional)	1.0x4(Optional)
Plug Type			2.5x3/no-plug	2.5x3/no-plug	4.0x3//no-plug	4.0x3//no-plug
Thermostat Type			Remote Control	Remote Control	Remote Control	Remote Control
Operation Temperature	°C		16-30	16-30	17-30	17-30

WINDOW AC



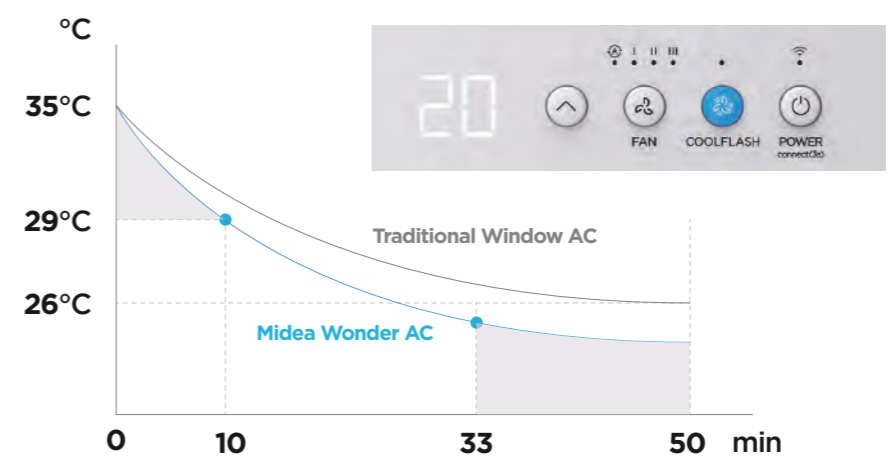
22



Wonder AC

Wide Range Flash Cooling

The exclusive CoolFlash blue button is thoughtfully programmed in Midea Wonder AC. With just one press of the CoolFlash button, your room could be quickly cooled down to your desired temperature.



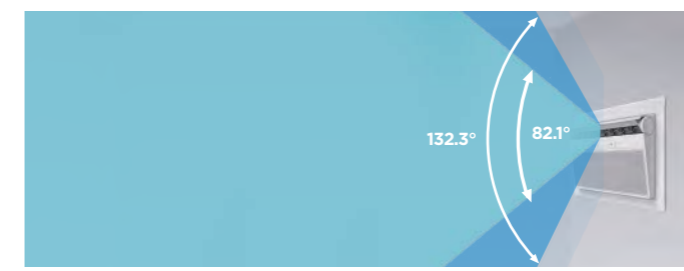
**6°C Lower
In 10 Minutes**
from 35°C to 29°C

**UP to 34%
Fast Cooling**
than traditional window ac

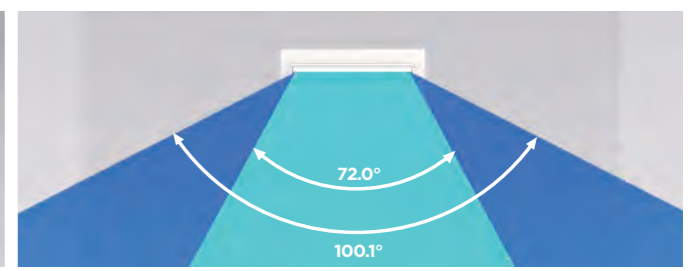


+63% Wider Range Cooling

The Wonder AC features wider vertical and horizontal swings coupled with further airflow distance, ensuring each and every corner of your room is cooled at all times.



Vertical Swing



Horizontal Swing

Traditional Window AC Midea Wonder AC

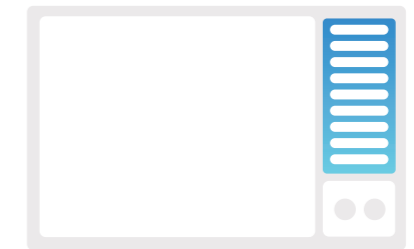
Prime Guard COOLFLASH

Features:

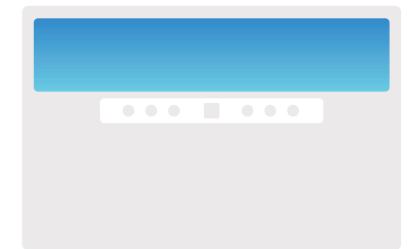
- Flash Cooling
- Energy Saving Inverter Tech
- Wide Range Cooling
- Ultra Quiet
- Smart Control

Bigger Air Outlet Area

Compared with traditional window ACs, Midea Wonder AC enlarged the air outlet in both length and width, increased up to 10.3% outlet area for wider cooling.



Traditional Window AC
38203mm²



Midea Wonder AC
42140mm²

Energy Saving Inverter Tech

First window AC in the market engineered with inverter technology, it can cool more with considerably less power.

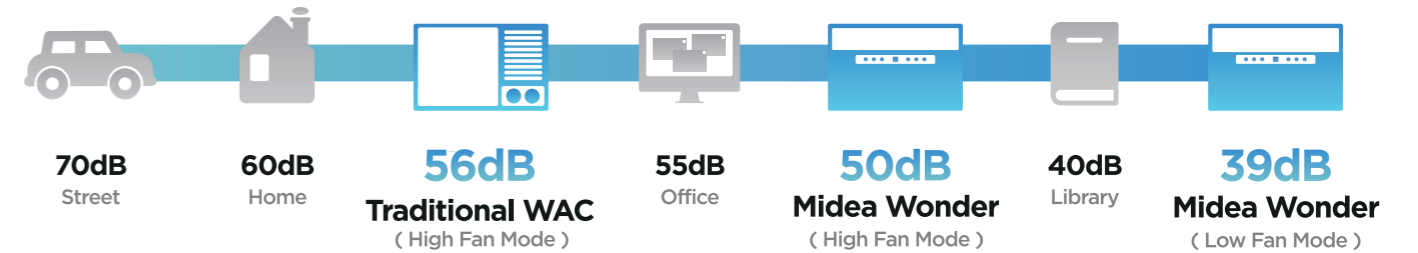


Ultra Quiet Operation

Constructed differently to cut off humming operation noise, the wonder AC operates at as low as 39dB.

4X Quieter than traditional WAC in high fan mode

*Data calculated based on ISO 3745-2015, ISO 3741-2010, ISO 13261-1-1998



Smart & Voice Control

Midea Wonder AC comes with a remote controller, has wireless smart control feature, and works with the Google Assistant and Amazon Alexa. So you can change settings via simple app control or with voice commands.

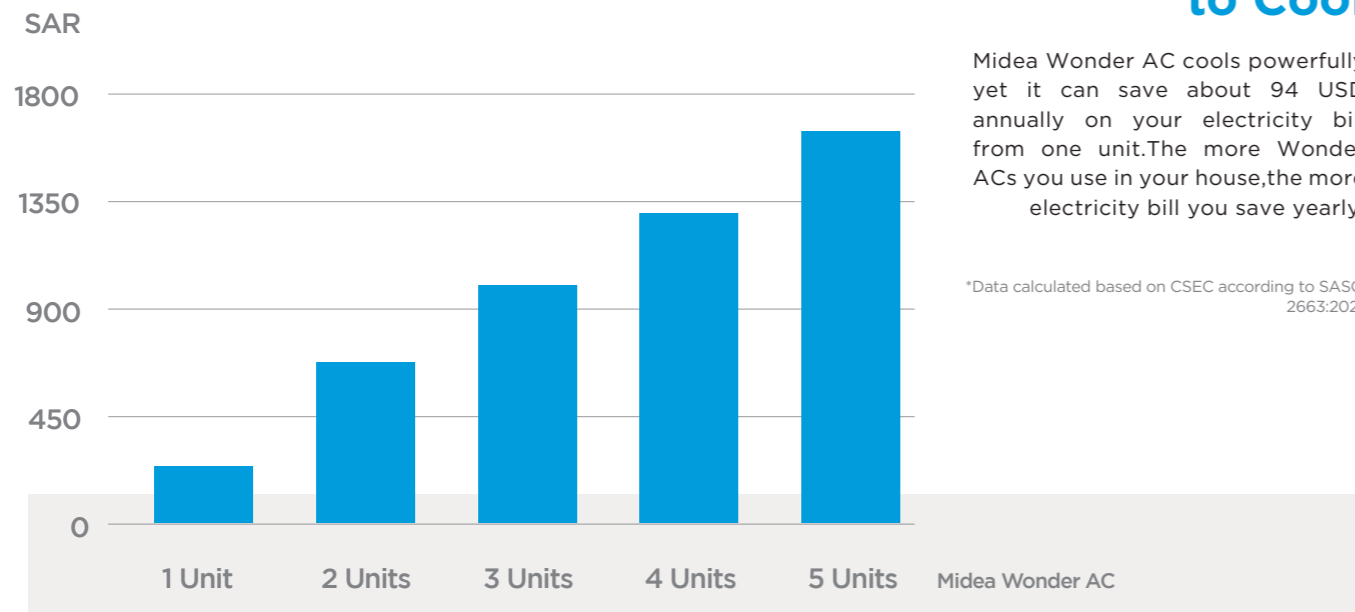
1st Window AC with Inverter Tech

Up to **26%** Energy Savings*

Cost Less to Cool

Midea Wonder AC cools powerfully yet it can save about 94 USD annually on your electricity bill from one unit. The more Wonder ACs you use in your house, the more electricity bill you save yearly.

*Data calculated based on CSEC according to SASO 2663:2021



PRODUCT SPECIFICATION

Wonder AC

Model			WDV18CDWGKSA	WDV18EDWGKSA
Power Supply	V,HZ,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			11.4	11.05
Energy Class			D	D
Cooling (T1)	Capacity	Btu/h	18000/5.28	17600/5.16
	Input	W	1,765	1,725
	Current	A	7.9	7.6
	EER	Btu/h/W	10.2	10.2
Cooling (T3)	Capacity	Btu/h	15500/4.53	15100/4.44
	Input	W	2,120	2,080
	Current	A	9.5	9.2
	EER	W	7.3	7.25
Heating	Capacity	A	/	3,250
	Current	A	/	16
Rated Input Consumption	Btu/h/W		2,500	3,680
Rated Current	Btu/h		12	16
Indoor side air flow(Turbo/Hi/Mi/Lo)	m ³ /h		805/755/655/560	805/780/680/560
Indoor side noise level (Turbo/Hi/Mi/Lo/Silence)	dB(A)		51.5/49/48/46/39	51.5/50/48/46/39
Outdoor side noise level (Hi)	dB(A)		68	68
Refrigerant type	Kg		R32/0.52	R32/0.52
Design pressure	MPa		4.6/1.5	4.6/1.5
Plug type			2.5x3/no-plug	2.5x3/no-plug
Control Type			Remote Control	Remote Control
Operation temp	indoor(cooling/heating)	°C	17-35	17-35
	outdoor(cooling/heating)	°C	18-52	18-52
Dimension (W*D*H)	mm		660x785x430	660x785x430
Packing (W*D*H)	mm		892x725x505	892x725x505
Net/Gross Weight	Kg		46.8/50.3	47.5/50.3

Model			WDV24CDWGKSA	WDV24HWGKSA	WDV25CDWGKSA
Power Supply	V,HZ,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			10.55	11.15	10.6
Energy Class			D	D	D
Cooling (T1)	Capacity	Btu/h	20500/6.0	20,200	24,200
	Input	W	2,010	1,980	2,689
	Current	A	8.9	9.6	11.93
	EER	Btu/h/W	10.2	10.2	9.00
Cooling (T3)	Capacity	Btu/h	17000/4.98	15,700	20,500
	Input	W	2,330	2,150	3,200
	Current	A	10.2	10.5	13.9
	EER	W	7.3	7.3	6.4
Heating	Capacity	A	/	3,250	/
	Current	A	/	16	/
Rated Input Consumption	Btu/h/W		2,700	3,680	3,400
Rated Current	Btu/h		15	16	16
Indoor side air flow(Turbo/Hi/Mi/Lo)	m ³ /h		860/805/700/600	860/800/700/600	870/815/615/520
Indoor side noise level (Turbo/Hi/Mi/Lo/Silence)	dB(A)		55.5/53.5/52/51.5/40	55.5/53.5/52/51.5/40	57/55/53.5/51.5/40
Outdoor side noise level (Hi)	dB(A)		68	67	70
Refrigerant type	Kg		R32/0.71	R410A/0.90	R32/0.72
Design pressure	MPa		4.6/1.5	4.8/1.5	4.8/1.5
Plug type			2.5x3/no-plug	2.5x3/no-plug	2.5x3/no-plug
Control Type			Remote Control	Remote Control	Remote Control
Operation temp	indoor(cooling/heating)	°C	17-35	17-35	17-35
	outdoor(cooling/heating)	°C	18-52	18-52	18-52
Dimension (W*D*H)	mm		660x785x430	660x785x430	660x785x430
Packing (W*D*H)	mm		892x725x505	892x725x505	892x725x505
Net/Gross Weight	Kg		47.6/50.5	51.5/54.5	50.3/52.9



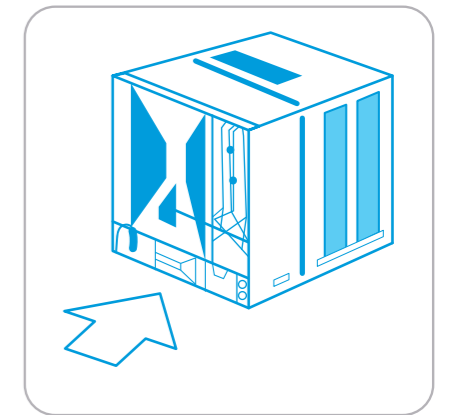
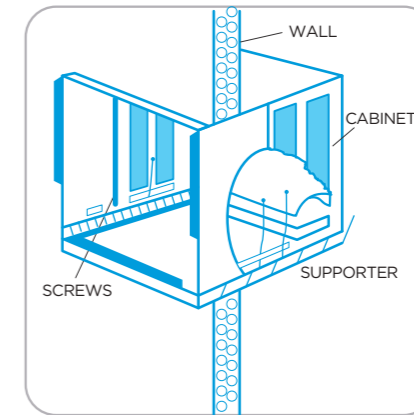
Mechanical window AC

Features:



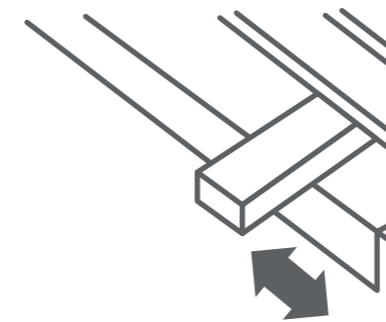
Slide Chassis Design

This design make the installation and Maintenance much easier and safer.



Fresh Air Intake

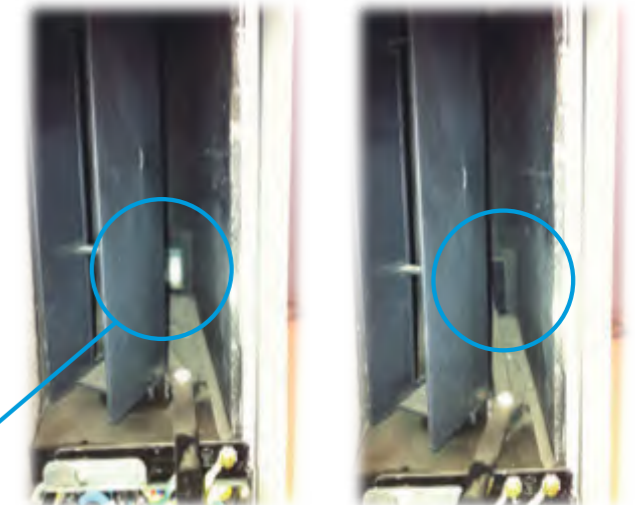
This design can suck fresh air from outside to indoor room according to customer's feeling.



CLOSE ← OPEN

To open the vent, set the lever to the right position. To Close it, set the lever in the left position.

Fresh Air Door Open



Sling-up System

Sling-up fan swashes condensate water to condenser which is high temperature. Hot condenser absorb condensate water energy to improve performance and evaporate water to deal with drainage problem .



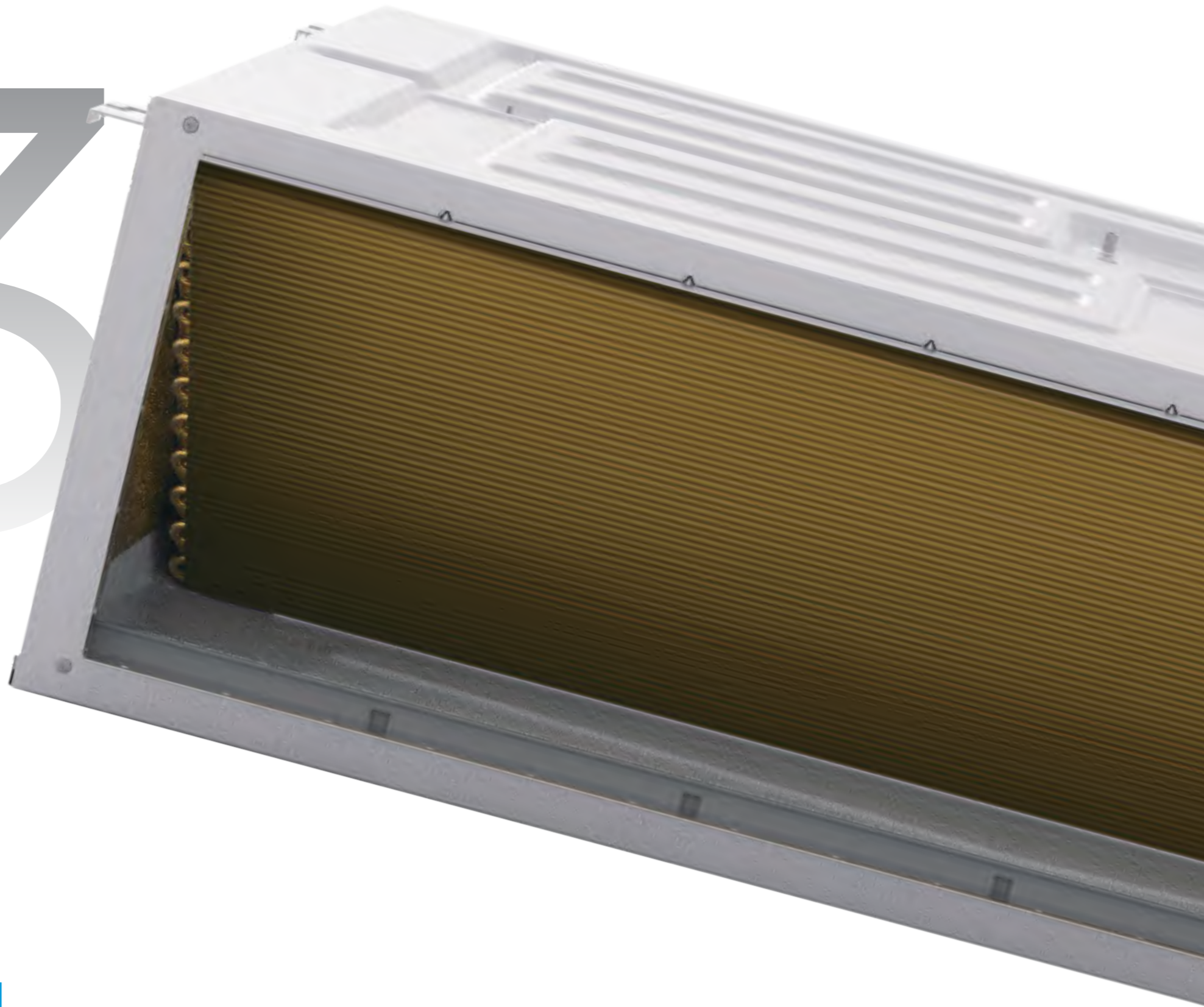
PRODUCT SPECIFICATION

Mechanical window AC

Model			MWTF14-18CKSA	MWTF14-18DKSA
Power Supply	V,Hz,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			8.7	8.7
Energy Class			F	F
Cooling (T1)	Capacity	Btu/h	18,000	17700
	Input	W	1,765	1,735
	Current	A	7.96	7.79
	EER	Btu/h/W	10.2	10.2
Cooling (T3)	Capacity	Btu/h	15,500	15,500
	Input	W	2,095	2,095
	Current	A	9.3	9.3
	EER	W	7.4	7.4
Heating	Capacity	A	/	2,950
	Current	A	/	15.2
Rated Input Consumption	Btu/h/W		2700	3,470
Rated Current	Btu/h		13.1	15.2
Indoor side air flow(Hi/Mi/Lo)	m3/h		735/670/602	688/-/567
Indoor side noise level (Hi/Mi/Lo/Silence)	dB(A)		56.1/54.6/52.6	56.7/-/55.5
Outdoor side noise level (Hi)	dB(A)		64	65
Refrigerant type	Kg		R410A/705	R410A/705
Design pressure	MPa		1.5/4.8	1.5/4.8
Plug type			no-plug	no-plug
Control Type			Mechanical Control	Mechanical Control
Operation temp	indoor(cooling/heating)	°C	17-35//	17-35/0-27
	outdoor(cooling/heating)	°C	18-52//	18-52//
Dimension (W*D*H)	mm		660x680x428	660x680x428
Packing (W*D*H)	mm		815x746x515	815x746x515
Net/Gross Weight	Kg		53.1/57.2	53.7/57.6

Model			MWTF14-21DKSA	MWTF14-24CKSA	MWTF14-24HKSA
Power Supply	V,Hz,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			8.8	8	8
Energy Class			F	F	F
Cooling (T1)	Capacity	Btu/h	20800	24200	24,200
	Input	W	2020	2547	2,560
	Current	A	8.78	11.10	11.15
	EER	Btu/h/W	10.3	9.5	9.45
Cooling (T3)	Capacity	Btu/h	18200	20800	20,500
	Input	W	2410	3152	3,080
	Current	A	10.48	13.94	13.4
	EER	W	7.55	6.6	6.65
Heating	Capacity	A	3,050	/	4,550
	Current	A	15.6	/	9.05
Rated Input Consumption	Btu/h/W		3,590	4000	4000
Rated Current	Btu/h		15.6	19.0	19.0
Indoor side air flow(Hi/Mi/Lo)	m3/h		765///630	910/845/790	850/-/760
Indoor side noise level (Hi/Mi/Lo/Silence)	dB(A)		58/0/56.5	60/58.5/57.5	60/-/57.5
Outdoor side noise level (Hi)	dB(A)		68.4	67.9	69.6
Refrigerant type	Kg		R410A/1000	R410A/1130	R410A/1160
Design pressure	MPa		1.5/4.8	1.5/4.8	1.5/4.8
Plug type			no-plug	no-plug	no-plug
Control Type			Mechanical Control	Mechanical Control	Mechanical Control
Operation temp	indoor(cooling/heating)	°C	17-35/0-27	17-35//	17-35/0-27
	outdoor(cooling/heating)	°C	18-52//	18-52//	18-52//
Dimension (W*D*H)	mm		660x680x428	660x780x428	660x780x428
Packing (W*D*H)	mm		815x746x515	915x770x510	915x770x510
Net/Gross Weight	Kg		56.3/59.9	64.1/67.9	65.8/69.7

03



**LIGHT-
COMMERCIAL**



A7 DUCT

ECOMASTER **Prime Guard**

Standard Features:

- Independent Dehumidification
- Auto Defrosting
- 2-way Draining
- Auto Restart
- Weekly Timer
- Wired Control
- Hyper Grapins
- Real-time Constant Air Volume

Optional Features:

- Build-in Drain Pump
- Fresh Air
- Remote Control
- WIFI
- Central Control

Appearance



Real-time Constant Air Volume

Customized for Installers

Real-time Constant Air Volume

With Auto Airflow Match, A7 Duct can automatically match the airflow volume to different ducting design, resulting in installation convenience, comfortable experience and cost saving.

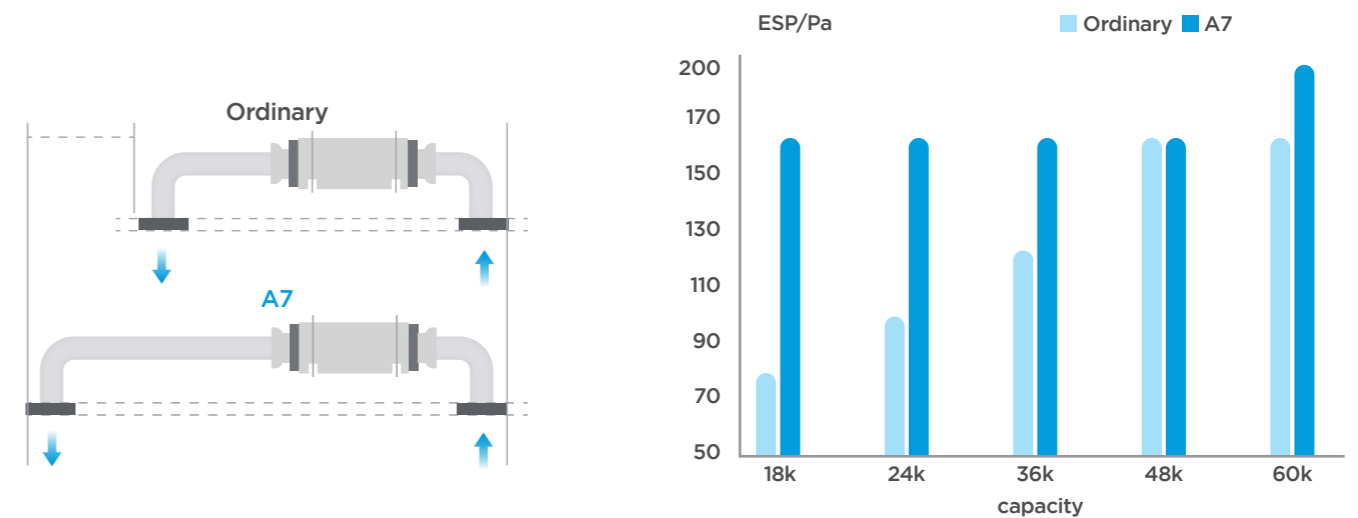


Static Pressure Increase

Customized for Installers

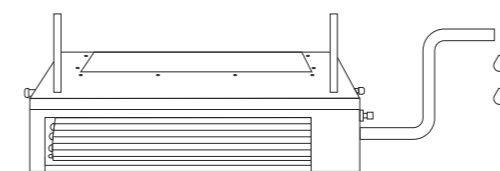
Static pressure increase

The maximum HSP is 200Pa, which is comparable to our competitors.



Built-in drain pump

Higher lift is upgraded from 0.75m to 1m, increasing flexibility and installation speed.



A6	A7
750mm lift	1000mm lift



Slimmer And Lighter

Customized for Installers

Slimmer And Lighter

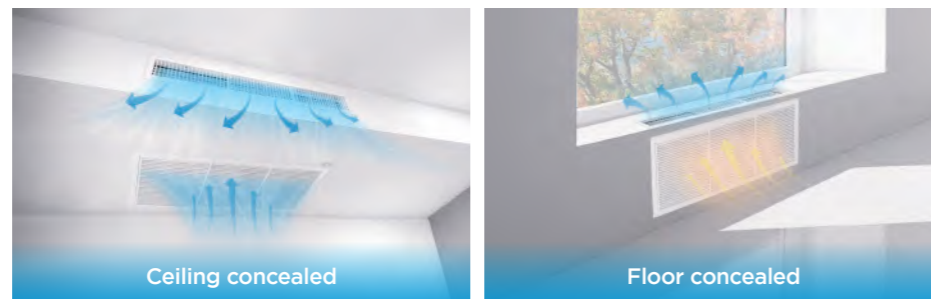
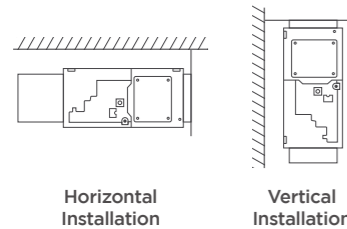
Meet various installations in narrow ceilings with shorter length and thinner.



Slim & Compact Design

Two Ways of Installation

Two types of installation methods can be selected: ceiling concealed and floor concealed.

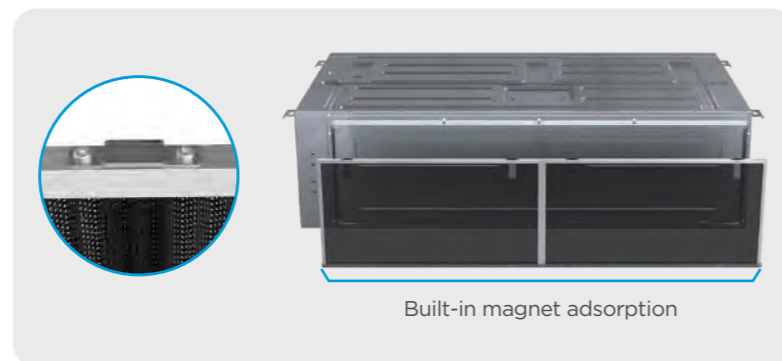


Easy Maintenance

Upgrade of Filters



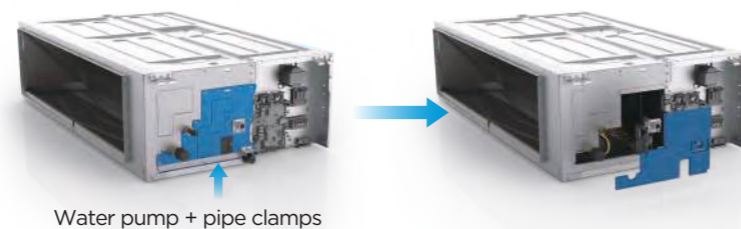
Magnetic-type air filter



Built-in magnet adsorption

Upgrade of Drain Pump

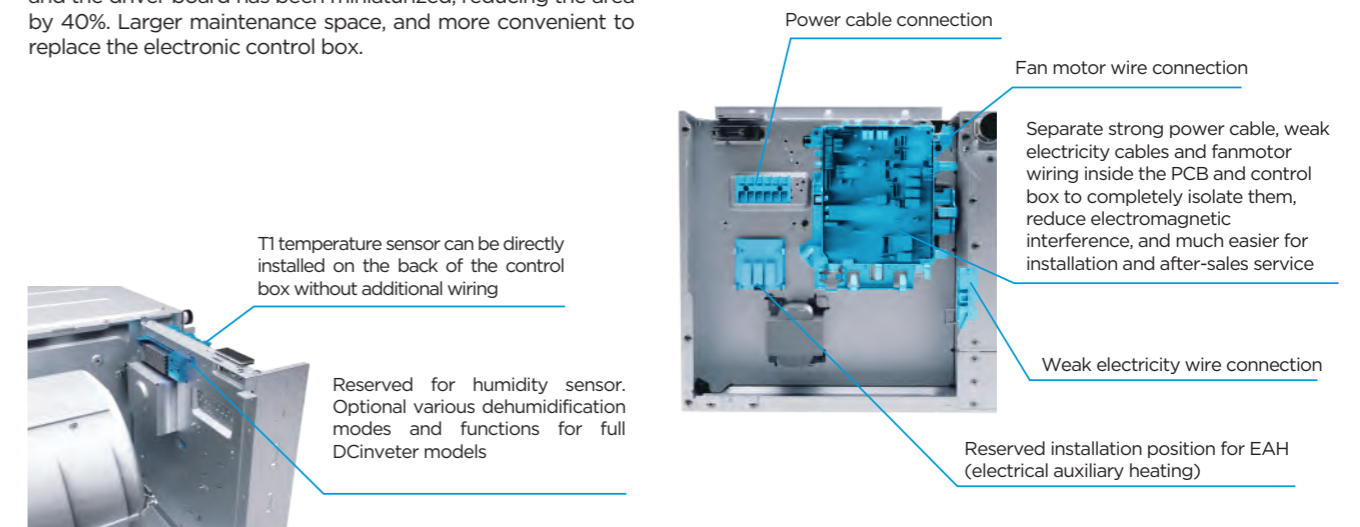
Service area of A7 Duct is 20% more than A6. No need to cross the hole when replacing drain pump and temperature sensor.



Water pump + pipe clamps

Upgrade of Electric Control

The area of the electric control box has been increased by 10%, and the driver board has been miniaturized, reducing the area by 40%. Larger maintenance space, and more convenient to replace the electronic control box.



T1 temperature sensor can be directly installed on the back of the control box without additional wiring

Reserved for humidity sensor. Optional various dehumidification modes and functions for full DCinverter models

Power cable connection

Fan motor wire connection

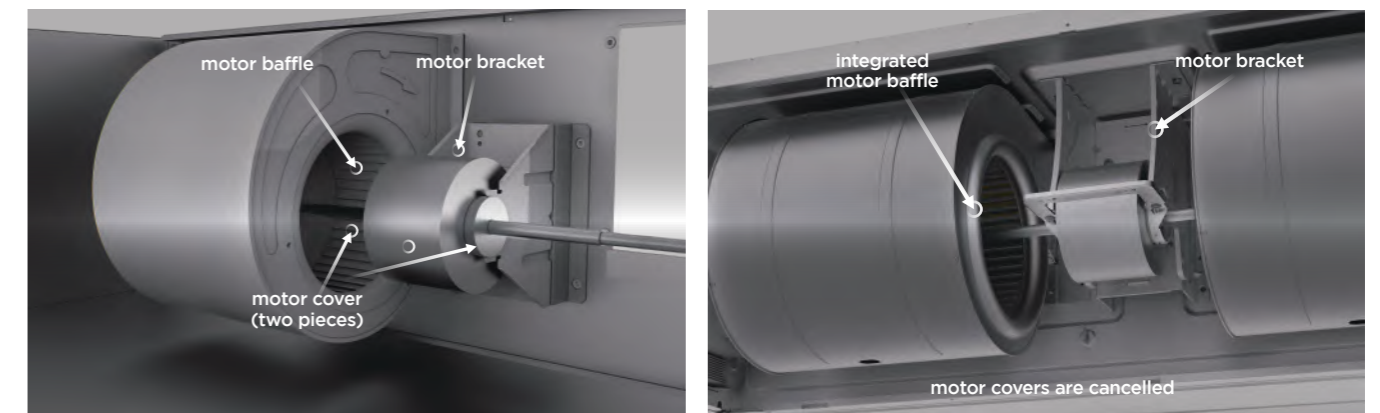
Separate strong power cable, weak electricity cables and fanmotor wiring inside the PCB and control box to completely isolate them, reduce electromagnetic interference, and much easier for installation and after-sales service

Weak electricity wire connection

Reserved installation position for EAH (electrical auxiliary heating)

Upgrade of Fan Motor

The design of integrated motor bracket, which is three parts integrated into one part, can improve installation stability, more friendly disassembly and assembly.



motor baffle

motor bracket

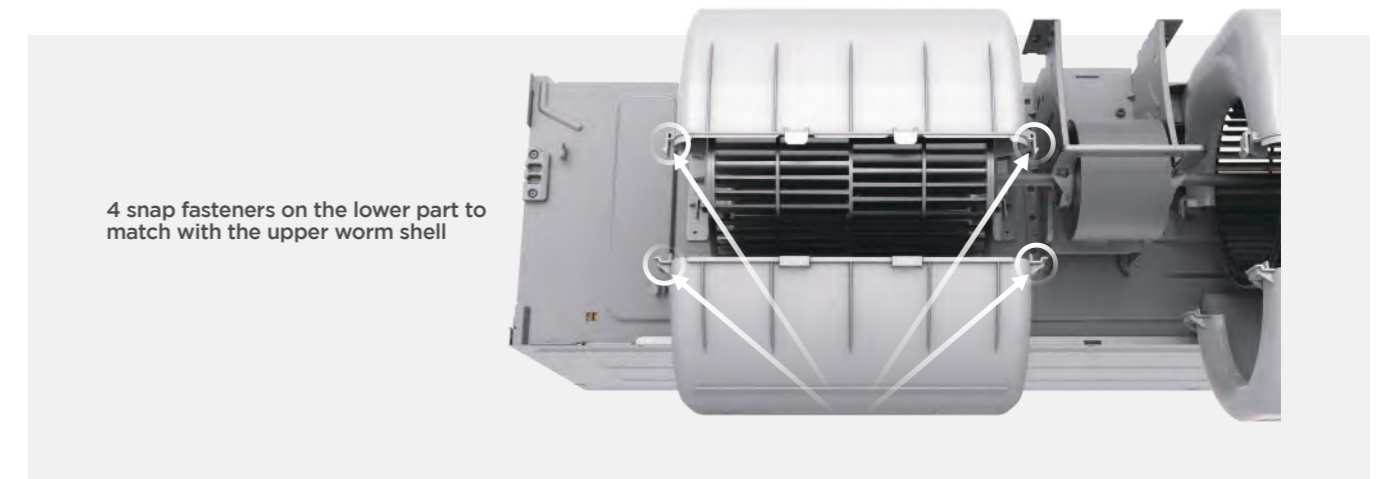
motor cover (two pieces)

integrated motor baffle

motor bracket

motor covers are cancelled

The volute spring buckle design improves installation stability and makes disassembly and assembly more friendly.



4 snap fasteners on the lower part to match with the upper worm shell

Better Cooling Performance

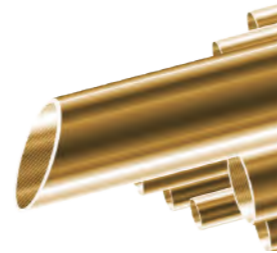
Customized for Installers

Comparing with A6 Duct, A7 Duct achieves larger capacity of cooling no matter T1 or T3 situation.



		A6	A7
Cooling (T1)	Capacity	49000	55400
	EER	12.30	12.70
Cooling (T3)	Capacity	42400	51600
	EER	8.60	9.35

With slimmer inner groove high efficiency tubes and more circuits, Midea A7 Duct improves the efficiency of heat transfer, enabling fast cooling and resulting in larger cooling capacity, meanwhile, a 20% smaller size.



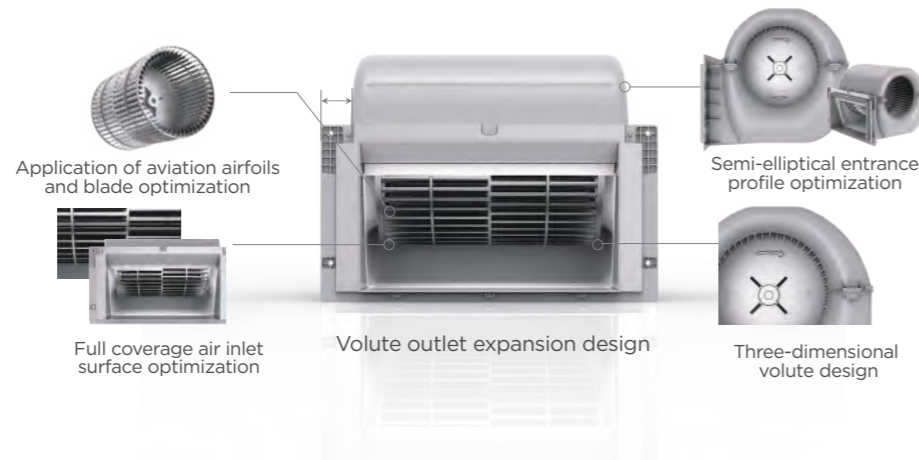
		A6	A7
Indoor coil	Tube outside dia.and type	Φ9.52 Inner groove tube	Φ7 Inner groove tube
	Number of circuits	9	11

Low Noise

Comfortable

Optimization of Duct Design

By applying the new design of duct, the interior noise level has been reduced significantly. End users would not get irritable easily even staying indoor for a long time.



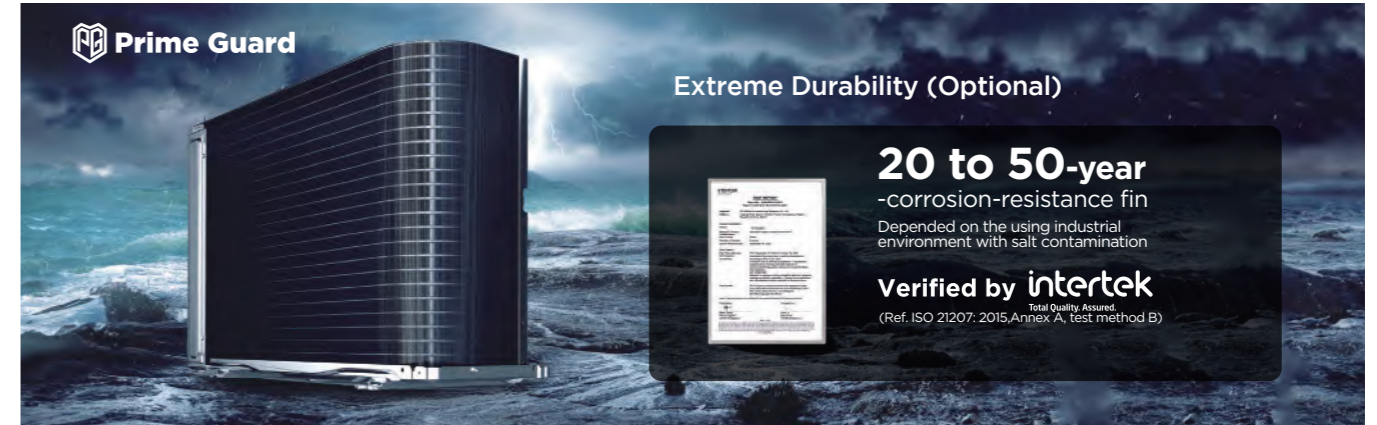
Lower Noise Level

Without sacrificing the cooling performance, the indoor noise level of A7 Duct has been dropped by up to 4dB comparing with A6 Duct.



Without sacrificing the performance of cooling, both the airflow and the speed of indoor fan motor have been lower down to reduce 1dB to 4dB of indoor noise by the improvement of new eccentric fan design.

	A6	A7
Indoor air flow (Hi/Mi/Lo) (m ³ /h)	3000/2450/1900	2900/2300/1600
indoor noise level	51/48/44	45.5/43.5/41.5
Speed (Hi/Mi/Lo) (r/min)	990/910/840	853/778/702



Hyper Grafins (optional)



External Static Pressure Adjustment

Auto Airflow Volume Match can be initiated on 120K/L wired controller. It's the Midea exclusive technology to automatically adjust the static pressure of ducted unit for best sense of comfort and installation convenience. This function from 120K/L wired controller definitely beats the manual adjustment of static pressure as before.

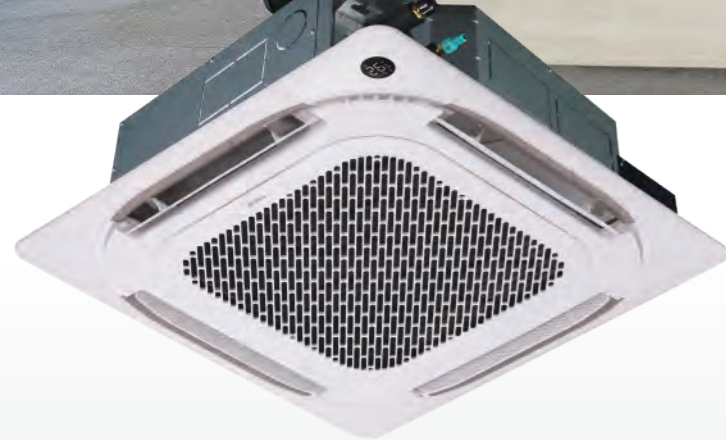


PRODUCT SPECIFICATION

A7 Duct












Model			MTBTVE18HWN1KSA	MTBTVE24HWN1KSA	MTBTVE36HWN1KSA
Power Supply	V,Hz,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			13.30	14.20	13.50
Energy Class			C	C	C
Cooling (T1)	Capacity	Btu/h	18500 (5000-21500)	24800(5800-29500)	35400(9000-44000)
	Input	W	1445	1930	2744
	Rated Current	A	6.50	11.5	12.5
	EER	Btu/h/W	12.80	12.85	12.90
Cooling (T3)	Capacity	Btu/h	16000	21800	30800
	Input	W	1711.0	2307	3180
	Rated Current	A	7.7	13.5	14.4
	EER	Btu/h/W	9.35	9.45	9.70
Heating	Capacity	W	5950	8000	9550
	Input	W	1526	2162	2580
	Rated Current	A	6.9	9.6	11.7
	COP	W/W	3.9	3.7	3.70
Max. Input Consumption	W	2700	3200	4900	
Max. Current	A	13	15	21	
Indoor air flow (Hi/Mi/Low)	m³/h		980/830/650	1500/1300/1000	2000/1750/1500
Indoor noise level (Hi/Mi/Low)	dB(A)		37/35/32	38.5/36/33.5	39/37.5/36
Indoor unit	Dimension (W*D*H)	mm	700x750x245	1000x750x245	1200x750x300
	Packing (W*D*H)	mm	925x850x298	1225x860x304	1425x860x359
	Net/Gross weight	Kg	25.3/29.5	32/37	43.4/49.4
Outdoor noise level	dB(A)		57	59	62.5
Outdoor unit	Dimension (W*D*H)	mm	890x342x673	946x410x810	946x410x810
	Packing (W*D*H)	mm	995x398x740	1090x500x885	1090x500x885
	Net/Gross weight	Kg	38.2/41.4	50.6/54.9	64/68.6
Refrigerant type	Kg		R32	R32	R32
Design pressure	MPa		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)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/19mm(3/4in)
	Max. total pipe length	m	25	25	30
	Max. Elevation	m	15	15	20
Connection wire spec			4x1.5	4x1.5	4x1.5
Thermostat Type			EXV+Throttle valve	EXV+Throttle valve	EXV+Throttle valve
Operation Temperature	°C		16-30	16-30	16-30

Model			MTBTVE48HWN1KSA	MTBTVE60HWN1KSA
Power Supply	V,Hz,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			13.65	13.90
Energy Class			C	C
Cooling (T1)	Capacity	Btu/h	47000(12000-60000)	55400 (18000-62000)
	Input	W	3700	4362
	Rated Current	A	17	19.80
	EER	Btu/h/W	12.70	12.70
Cooling (T3)	Capacity	Btu/h	41600	51600
	Input	W	4400	5519
	Rated Current	A	20.3	24.70
	EER	Btu/h/W	9.45	9.35
Heating	Capacity	W	17000	19000
	Input	W	5151	4995
	Rated Current	A	24	22.50
	COP	W/W	3.3	3.80
Max. Input Consumption	W	6300	6300.00	
Max. Current	A	28.5	28.5	
Indoor air flow (Hi/Mi/Low)	m³/h		2339/1961/1600	2900/2300/1600
Indoor noise level (Hi/Mi/Low)	dB(A)		45/43/41	45.5/43.5/41.5
Indoor unit	Dimension (W*D*H)	mm	1200x750x300	1400x800x380
	Packing (W*D*H)	mm	1425x860x359	1600x915x445
	Net/Gross weight	Kg	43.5/49.6	65.2/73
Outdoor noise level	dB(A)		62	64
Outdoor unit	Dimension (W*D*H)	mm	952x415x1333	952x415x1333
	Packing (W*D*H)	mm	1095x495x1480	1095x495x1480
	Net/Gross weight	Kg	92.1/106.3	96.9/110.9
Refrigerant type	Kg		R32	R32
Design pressure	MPa		4.8/1.7	4.8/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/19mm(3/4in)	Ø9.52/Ø22(3/8"/7/8")
	Max. total pipe length	m	50	50
	Max. Elevation	m	30	30
Connection wire spec			4x1.5	4x1.5
Thermostat Type			EXV+Throttle valve	EXV+Throttle valve
Operation Temperature	°C		16-30	16-30



Four-way Round Flow Cassette

Features:

-  Follow Me
-  Flash Cooling
-  Anti-Cold Air Function
-  Sleep Mode
-  Dry Mode
-  Power Down Memory
-  Timer
-  Auto Restart Function
-  Refrigerant Leakage Detect
-  Multi Outdoor Fan Speed
-  Rotation: Intelligent Dusting Switch

Appearance



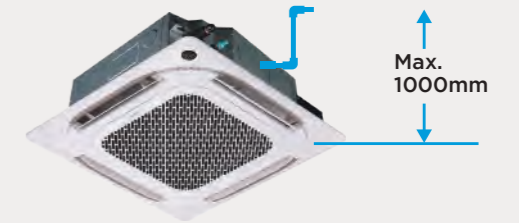
EASY INSTALLATION & MAINTENANCE

Re-structure Drain Pump



30 minutes faster for water pump maintenance

Thanks to the innovative WindTrack design, the drain pump is placed outside the air channel, which means ultra easy access to drain pump that all you need is to remove the panel.



Lifting height up to 1000 mm

Equipped with a external drain pump, Midea Cassette can lift condensate water up to 1000mm, making the installation and the discharge of condensate water much easier.



Enlarge Space For Piping

More friendly for handwork operation



User-friendly Hook Design

Curved metal hook with more ergonomic is easier to carry and uplift the machine.

Wireless Remote Controller

The following remote controls correspond to the Comfort Perfectionist, Versatile Cassette and Super Slim Cassette from left to right.



RG10E31(B2S)/BGEF



RG10A5(B)/BGEF



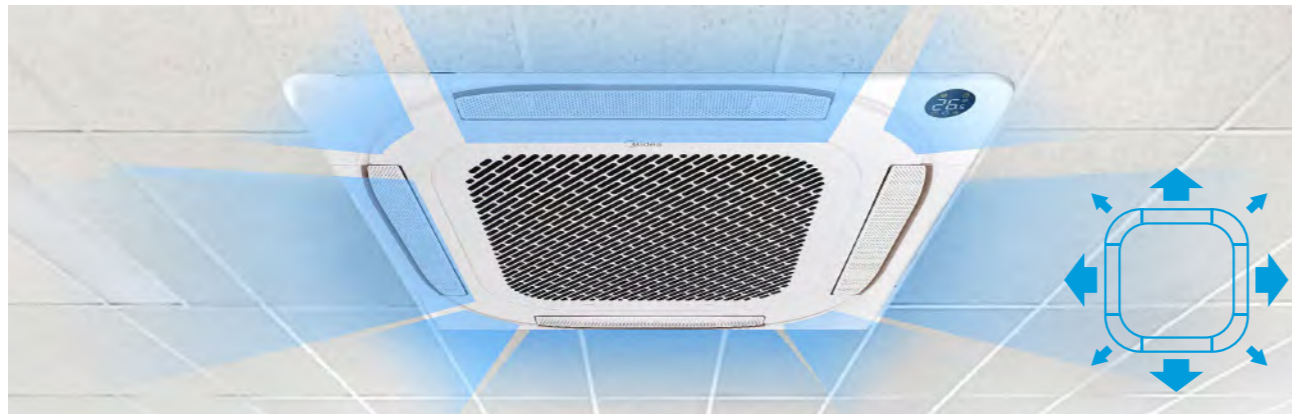
RG10F(B)/BGEF

Wired Remote Controller (Optional)



360° Round Flow

Unique seamless airflow louver design allows cool air to diffuse and sink in 360°, offering uniform cooling experience throughout the space.



0-100% Stepless fan speed

0-100% fan speed can be precisely controlled in 1% increments, breaking the traditional fixed fan speed.



Adjustable Vane and Long Airflow

Adjustable Vane from 0° to 75° and 5.5 meters long airflow, no corner in your room is beyond its reach.

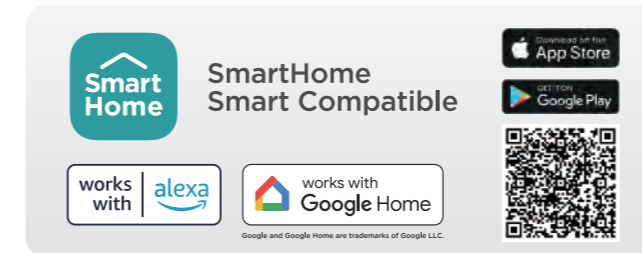


REAL CONVENIENCE WITHOUT HASSLE

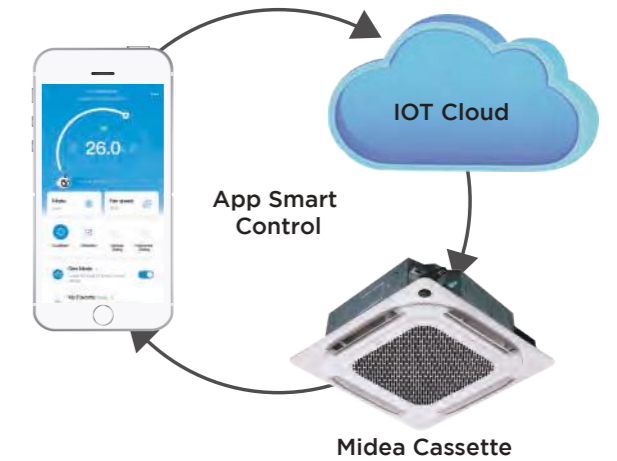
Get rid of control trouble through wired and wireless controllers

Smart Control

Based on the cloud service under M-Smart Security Protocol, the MSmartHome app makes your life easier, smarter and more comfortable with versatile functions just in hand.



App-based Remote Control



Midea Cassette

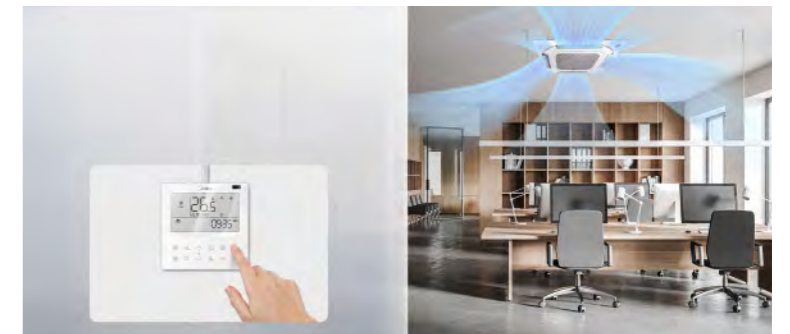
LED Display

Larger LED display design, easier to check temperature at any time.



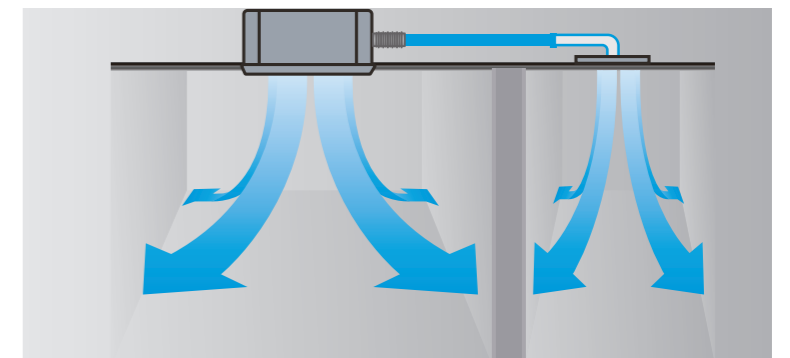
Wired Controller (Optional)

Build-in Infrared Receiver
An infrared receiver is built in the wired controller. It is more convenient for users to control the AC with the wireless controller by pointing to the wired controller rather than to the AC.



Reserved Air Outlet For Duct

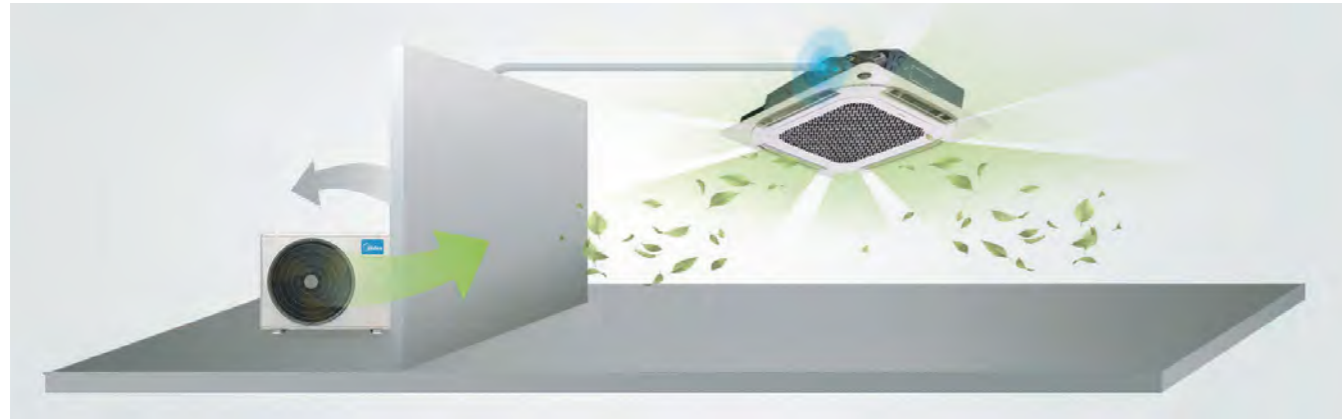
Reserves the space for air outlet from the side of indoor unit. It's available to connect air duct from side to small rooms nearby.



REAL HEALTH WITHOUT CONCERNS

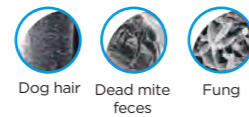
Fresh Air

Outdoor air can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.



Dual Filtration System (optional)

Eliminate harmful substances in two successive steps and provide fresh and clean air for you.



Dog hair Dead mite feces Fung

Step 1 | Full High Density Filter

blocks out dust particles and other airborne impurities as initial screening.



Flower pollen Bacteria Car exhaust fumes Smoke

Step 2 | Micro Protection Filter

remove the pollen(allergen), smoke and micro-dust under $0.3\mu m$, further ensure the cleanliness.

Rotation: Intelligent Dusting Switch

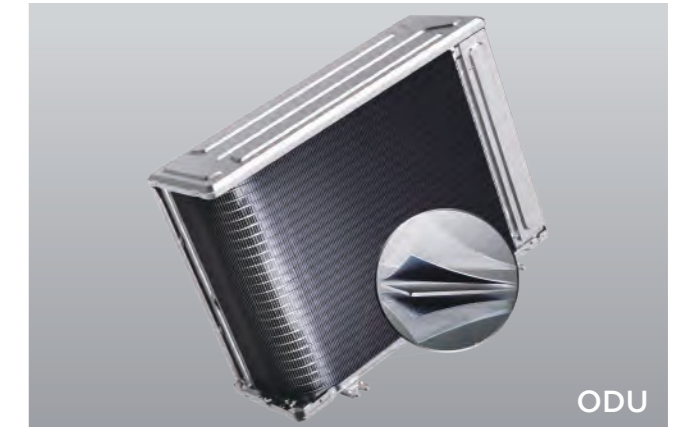
After turning off the AC, the fan blade of the outdoor unit will automatically rotate in reverse to get rid of the sand and dust for keeping the AC clean.
1-phase DC inverter outdoor unit only.



WORRY-FREE AND GUARANTEED FOR LIFE

Prime Guard, Golden Coating

Midea PrimeGuard™ is more resistant in oxidation & corrosion than ordinary fins for condensers to furnish a steadier and long-lasting working environment. It can efficiently prevent bacteria from breeding and spreading, and withstand corrosive elements.

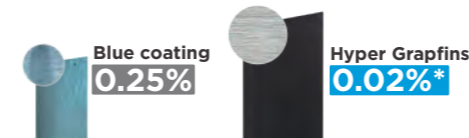


Super Material Graphene Application

- Thinnest, hardest, with best thermal conductivity
- Five-layer fin with double Graphene protection

12.5X* Corrosion Resistance than Blue Coated Fins

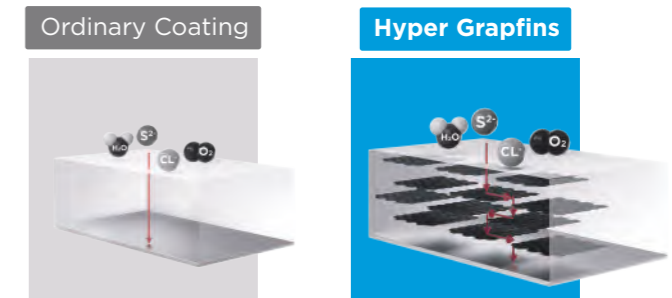
Verified by **intertek**
Total Quality. Assured.



*After 240 hours UV test and 72 hours neutral salt spray (fog) test. Compared samples are Midea fins: Midea blue coated fins in HD2202-2/HW3308. Midea hyper graphfins in HMD011/HW3308.

High-density Honeycomb Structure

The high-density graphene layer can better block the penetration of corrosive elements.



Water Tray

The water tray is specially upgraded from anti-corrosion plastic material, increased thickness and optimized structure, assuring greater durability and longer product life.



Due to 1.4mm ABS moulding enlargement, the durability of drainage tray will enhance to prevent damage.



PRODUCT SPECIFICATION

Four-way Round Flow Cassette

Model			MCCTV18HRDKSA	MCCTV24HRDKSA
Power Supply	V,HZ,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			15.1	15.55
Energy Class			B	B
Cooling (T1)	Capacity	Btu/h	19400(5800-21800)	25400(11000-30000)
	Input	W	1470(470-1860)	2048(770-3150)
	Rated Current	A	6.6	9
	EER	Btu/h/W	13.2	12.4
Cooling (T3)	Capacity	Btu/h	18,000	22,000
	Input	W	1,957	2,486
	Rated Current	A	8.68	10.92
	EER	Btu/h/W	9.2	8.85
Heating	Capacity	W	5,700	7,550
	Input	W	1,676	2,288
	Rated Current	A	7.6	10.15
	COP	W/W	3.4	3.3
Max. Input Consumption	W	2400	3400	
Max. Current	A	10.6	15	
Indoor air flow (Hi/Mi/Low)	m³/h		1040/940/880	1150/1050/950
Indoor noise level (Hi/Mi/Low)	dB(A)		40/38/36.5	44.5/42.5/40.5
Indoor unit	Dimension (W*D*H)	mm	830x830x205	830x830x205
	Packing (W*D*H)	mm	965x910x250	965x910x250
	Net/Gross weight	Kg	20/24.8	20.4/25.1
Outdoor noise level	dB(A)		61	60
Outdoor unit	Dimension (W*D*H)	mm	890x342x673	890x342x673
	Packing (W*D*H)	mm	995x398x740	995x398x740
	Net/Gross weight	Kg	38.4/41.4	43/46.1
Refrigerant type	Kg		R32/1.3	R32/1.5
Design pressure	MPa		4.8/1.7	4.8/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. total pipe length	m	25	25
	Max. Elevation	m	15	15
Connection wire spec			4x1.5	4x1.5
Thermostat Type			Remote Control	Remote Control
Operation Temperature	°C		16-30	16-30

PRODUCT SPECIFICATION

Four-way Round Flow Cassette

Model			MCCTV36HRDKSA	MCCTV48HRDKSA
Power Supply	V,HZ,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			15	15.05
Energy Class			B	B
Cooling (T1)	Capacity	Btu/h	35000(8150-40000)	44200(18600-56400)
	Input	W	2662(600-3700)	3426(1190-5500)
	Rated Current	A	11.93	15.2
	EER	Btu/h/W	13.15	12.9
Cooling (T3)	Capacity	Btu/h	31,400	39,000
	Input	W	3,413	4,194
	Rated Current	A	15.2	18.42
	EER	Btu/h/W	9.2	9.3
Heating	Capacity	W	10,300	13,500
	Input	W	2608	3,915
	Rated Current	A	11.60	17.4
	COP	W/W	3.95	3.45
Max. Input Consumption	W	4500	6400	
Max. Current	A	20.0	28.5	
Indoor air flow (Hi/Mi/Low)	m³/h		1950/1650/1500	1780/1600/1440
Indoor noise level (Hi/Mi/Low)	dB(A)		48.5/46/43.5	50/47.5/45
Indoor unit	Dimension (W*D*H)	mm	830x830x287	830x830x287
	Packing (W*D*H)	mm	965x910x330	965x910x330
	Net/Gross weight	Kg	26.7/31.9	26.4/31.6
Outdoor noise level	dB(A)		63.5	61
Outdoor unit	Dimension (W*D*H)	mm	946x410x810	952x415x1333
	Packing (W*D*H)	mm	1090x500x885	1095x495x1480
	Net/Gross weight	Kg	63.3/67.5	96.5/109.6
Refrigerant type	Kg		R32/2.0	R32/3.3
Design pressure	MPa		4.8/1.7	4.8/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)
	Max. total pipe length	m	30	50
	Max. Elevation	m	20	30
Connection wire spec			4x1.5	4x1.5
Thermostat Type			Remote Control	Remote Control
Operation Temperature	°C		16-30	16-30



GD Floor Standing

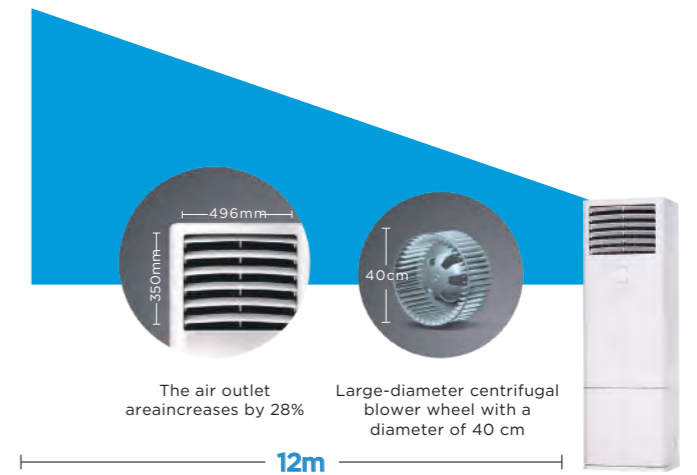
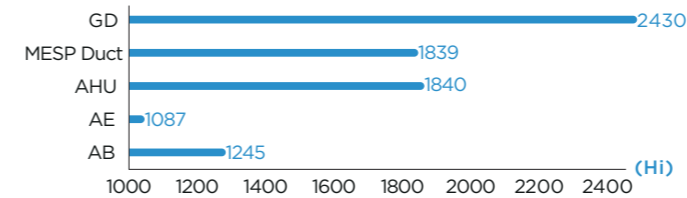
Features:

- Powerful Air Flow
- 12 Meters Wind Blast
- 3D Airflow
- Hidden Vled Display
- Wind Avoid Me
- Touch Control
- Golden Fins
- Easy Clean Filter
- Side Air Inlet
- Rear Net

Best Comfort

Long-distance Windblast

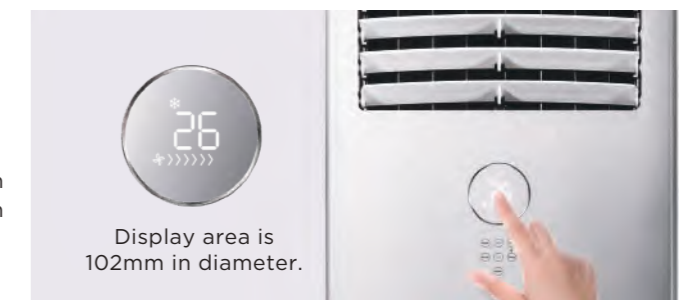
Equipped with a powerful DC motor and a large-diameter centrifugal blower wheel to achieve an airflow of up to 1980 m³/h. The large air outlet and six large air directing blades enable an airflow distance of up to 12 m.



Easy to use

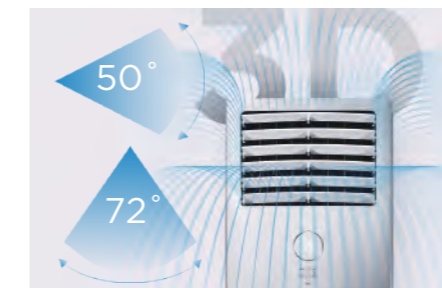
Big Control Panel and Hidden VLED Display

The big control panel fixed on the unit and touch button bring good usage experience for the users. And the hidden VLED display screen is easy to read yet beautiful.



Best Comfort

3D Airflow



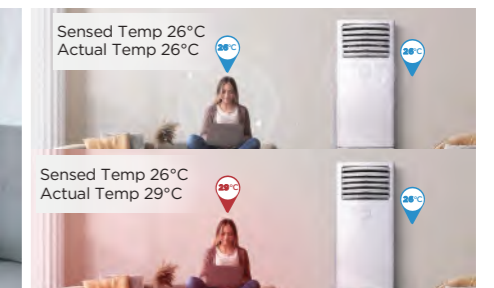
Combines vertical and horizontal auto-swing to spread comfort more widely throughout the room.

Wind Avoid Me



With one tap of button, the airflow direction is automatically adjusted to the maximum angle to prevent direct cold/hot drafts.

Follow Me



The remote control has a temperature sensor built-in to sense its surrounding temperature. The unit can adjust the room temperature more accurately and makes you feel more comfortable.

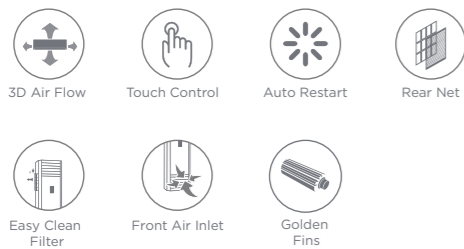
Easy to maintain





GA Floor Standing

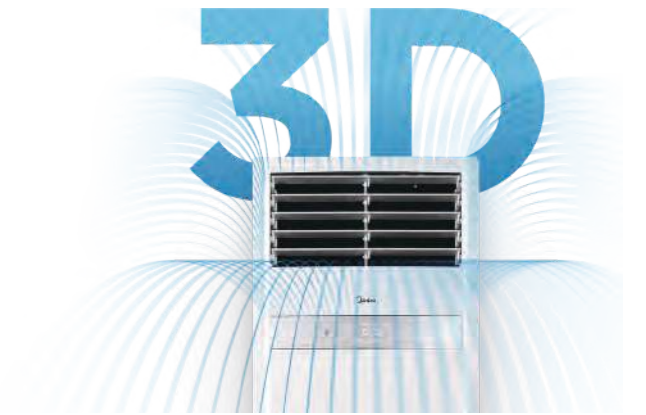
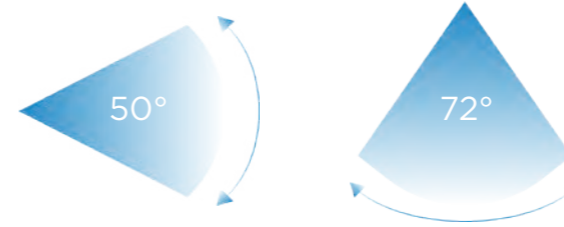
Features:



New Upgrade of 160GA5 Floor Standing AC

3D Airflow

The 160GA5 model has upgraded into 3D airflow. Apart from left and right swing, now it can also swing automatically up and down.



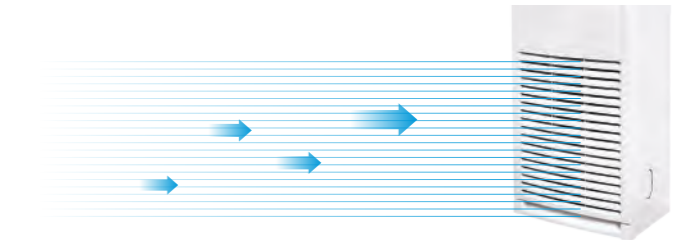
Touch Key

GA5 model has upgraded to touch key and becomes more elegant



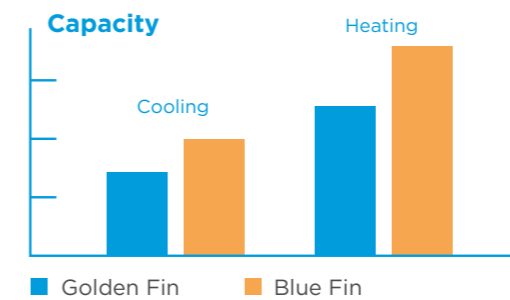
Front Air Inlet

The air inlet is located in the front of the unit to ensure better air intake, especially when the installation place is inserted in the wall.

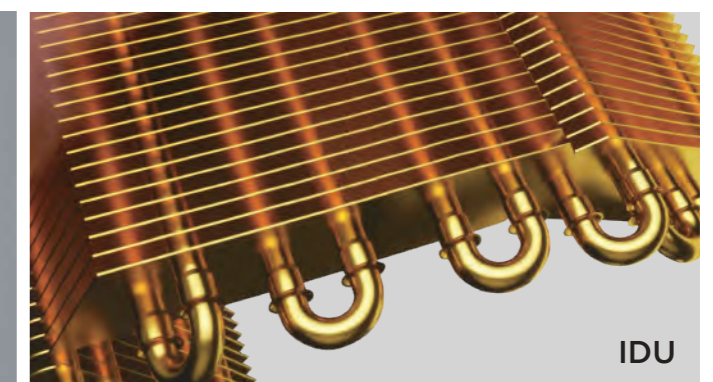
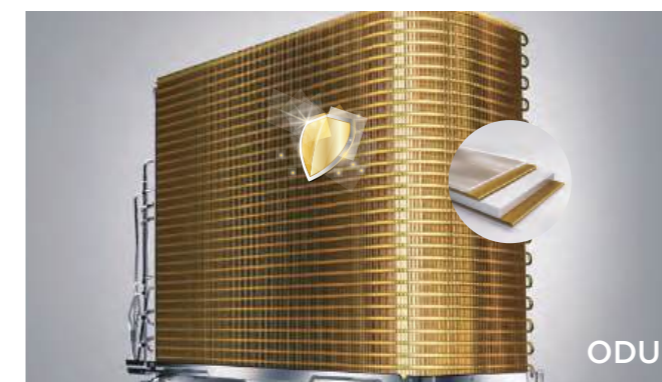


Golden Coating Fin

The unique anticorrosive golden coating on the heat exchangers can withstand the salty air, rain and other corrosive elements. It also effectively prevents bacteria from breeding and improves heat efficiency.



After one year of operation, the prototype with golden coating shows better performance in all working conditions than the prototype with blue coated foil.



PRODUCT SPECIFICATION

Floor Standing

Model			MFTGAV50CRN1KSA	MFTGAV50HRN3KSA	MFTGD60CRN2KSA
Power Supply	V,Hz,Ph		230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz
SEER			12.6	12.7	10.45
Energy Class			C	C	D
Cooling (T1)	Capacity	Btu/h	42000	42000	51000
	Input	W	3415	3415	4113
	Rated Current	A	15.20	15.20	18.33
	EER	Btu/h/W	12.30	12.30	12.40
Cooling (T3)	Capacity	Btu/h	33000	32600	43000
	Input	W	3793	3791	5000
	Rated Current	A	16.50	16.50	22.21
	EER	Btu/h/W	8.70	8.60	8.60
Heating	Capacity	W	/	16000	/
	Input	W	/	4638	/
	Rated Current	A	/	20.20	/
	EER	W/W	/	3.45	/
Max. Input Consumption	W		6000	6000	6600
Max. Current	A		27	27	35
Starting Current	A		/	/	120
Indoor air flow (Turbo/Hi/Mi/Low)	m ³ /h		2250/2100/1830	2250/2100/1830	2430/2230/2065
Indoor noise level (Turbo/Hi/Mi/Low)	dB(A)		55.5/53.5/51.5	58/55/53	52/50/49
Indoor unit	Dimension (W*D*H)	mm	610x390x1925	610x390x1925	629x456x1935
	Packing (W*D*H)	mm	2070x765x515	765x515x2070	750x575x2055
	Net/Gross weight	Kg	57.5/75.0	56.8/75.9	58.8/78.8
Outdoor noise level	dB(A)		64	64	65
Outdoor unit	Dimension (W*D*H)	mm	952x415x1333	952x415x1333	1120x528x1558
	Packing (W*D*H)	mm	1095x495x1460	1095x495x1480	1270x575x1700
	Net/Gross weight	Kg	89.0/102.6	97.4/111.5	130.8/148.1
Refrigerant type			R410A	R410A	R410A
Design pressure	MPa		4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52(3/8")/22(7/8")	9.52(3/8")/22(7/8")	Ø9.52/Ø22(3/8"/7/8")
	Max. total pipe length	m	20	50	50
	Max. Elevation	m	10	30	30
Connection wire spec			1.0x4//	3x1.0+2x0.2	1.0x4
Thermostat Type			Remote Control	Remote Control	Remote Control
Operation Temperature	°C		17-30	17-30	17-30