

**CARVED FROM
50 YEARS OF EXPERIENCE**



make yourself at home

Midea, established in 1968, is a public company listed and since July 2016 a Fortune 500 company offering one of the most comprehensive ranges in the home appliances industry. Midea specializes in **air treatment** (residential and commercial solutions), refrigeration, laundry, cooking appliances, small kitchen appliances, water appliances, floor care and lighting.



High-Ambient Cooling
Low-Ambient Heating

Ultra Energy-Saving

Flash Cooling/Heating

Comfort with Stable Temperature

Ultra Energy-Saving

Midea's air conditioner is highly efficient and cost-saving due to its SmartSave algorithm, which enables energy-saving up to 70%.

Besides, the compressor can work in 3-grade electricity consumption levels with GearShift Tech, so you can actively control energy use as you need.

Comfort with Stable Temperature

The ThermoStatic Technology of Inverter Quattro™ can help the air conditioner easily maintain your desired temperature within ± 0.1°C by varying the compressor speed instead of constantly turning it on/off.

4 **X**TREME **SaveE**
INVERTER QUATTRO™

Midea's exclusive Inverter Quattro™ technology empowers the GMCC inverter compressor to be one of the best AC compressors in the world. Under all conditions, Midea inverter compressors operate powerfully, efficiently, speedily and steadily at 4-in-one at the same time.

With Inverter Quattro™ technology, the XtremeSaveE is able to supply appropriate cooling capacity with much less energy consumed, which also keeps the temperature steady and comfortable throughout the day and night.



XtremeSaveE SPLIT



1 High-Ambient Cooling
Low-Ambient Heating

Applying the inverter technology to Midea's strong inverter compressor system, Midea's air conditioner can work at extremely high and low ambient temperatures, from 67°C to -32°C.

6 Flash Cooling/Heating

Utilizing the High-frequency Racer Tech, the air conditioner's compressor can reach ultra-high frequency very quickly (0.5s in 6 seconds), to ensure speedy, powerful cooling/heating.

Stay cool, save more

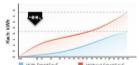


Save your money as well as the worries on energy consumption with Midea's SmartSave mode. Simply power on your Midea air conditioner and select the mode for a full night's energy-efficient comfort. With the ultra-low energy needed, now you can enjoy a restful sleep.

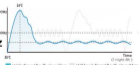
Precise-Control Algorithm

Midea's innovative SmartSave mode uses the Alpha Energy Chip's 4th SmartSave Precise-control Inverter Deduction Algorithm, which enables the chip to do more precise signal receiving, accurate data processing, anticipating and prompt instructions sending to the compressor.

This helps the inverter compressor to work more efficiently to save energy while ensuring you're comfortable and cool.



12Hz



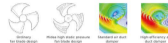
■ With SmartSave algorithm ■ Without SmartSave algorithm

The Inverter Quattro™ supports continuous compressor operation at ultra-low speed of 12Hz. Thanks to the SmartSave precise-control algorithm, ultra-stable frequency is achieved with minor vibration which decreased by up to 16 times.



Energy Saving

High-efficiency Fan Blade and Ducts



The optimized air fan and ducts deliver the same airflow in with 30 percent less power thanks to the advanced designs. It makes Midea's air conditioner an unbeatable choice for energy saving.

↓30%

Power Required for Same Air-volume



Midea inverter air conditioners offer three operating power options: 50%, 75%, and 100%. You can choose a lower power level with the Gear button on the remote controller to conserve energy when you feel the cool is enough.



Powerful Cooling

3D Airflow

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



Flash Cooling

Thanks to the Inverter Quattro™ High Frequency Racor Tech, Midea air conditioner is able to lower the room temperatures by 1°C within 15s.



Comfort

ThermoStatic Technology

Keeping you steadily cool within $\pm 0.5^\circ\text{C}$

Thanks to the precise control of the Inverter Quattro™'s micro-chip, Midea's air conditioner can easily maintain the desired temperature by varying the compressor speed without repeatedly turning on and off, keeping you feel comfortable with steady temperature within $\pm 0.5^\circ\text{C}$.



Healthy

Dual Filtration

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

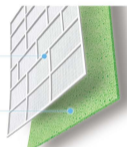
STEP1: High Density Pre Filter

Dust



STEP2: Micro Protection Filter

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



Smart



App-based Remote Control

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

Discover the MideaAIR to get your home life connected.



Smart WiFi CONTROL Wherever You Are

Simply download the MideaAIR app to control your home's air conditioning at anytime and from anywhere for ultimate convenience and peace of mind. Help your kids or grandparents operate the air conditioning, even when you're not at home.



Smart Diagnosis

Run an automatic physical exam of your AC unit to detect any potential malfunctions and guard against failures.



Smart Sleep Curve

Set the most appropriate temperature curve for you and your family members. There're default modes for selection, or you can customize your own one.

Model	MTSAB-120W1-K3CW	MTSAB-180W1-K3CW	MTSAB-220W1-K3CW	MTSAB-270W1-K3CW
Model Name				
Capacity (liters/h)	Cooling	T12000 (3500-16000)	T17000 (5200-23000)	T12200 (6400-26000)
	Heating	T32000	T32000	T32000
Power Input (kW)	Cooling	1180W (260-4000)	1103W (400-1980)	1180W (470-2400)
	Heating	1300W	1300W	1300W
EER (liters/h)/W	Cooling	0.71 (280-750)	1.04 (420-2000)	0.96 (170-3000)
	Heating	113.4	113.4	113.3
ODP (liters/h)	Cooling	73.63	73.63	73.63
	Heating	3.63	3.63	3.63
Rated Current (A)	Cooling	5.14	5.14	5.14
	Heating	7.5	7.5	7.5
Power Supply (V/Hz)	Cooling	110V/50/60Hz	110V/50/60Hz	110V/50/60Hz
	Heating	110V/50/60Hz	110V/50/60Hz	110V/50/60Hz
Refrigerant	Cooling	R410A	R410A	R410A
	Heating	R410A	R410A	R410A
Application area (m²)	Cooling	16-22	24-31	28-33
	Heating	16-22	24-31	28-33
Net dimension (mm)	WxDxH	800x280x287	1080x230x310	1080x230x310
	WxDxH	875x350x375	1050x350x415	1050x350x415
Net/ Gross weight (kg)	Net	8.7/11	15.8/17.1	15.8/17.1
	Gross	12.7/15.1	24.3/26.1	24.3/26.1
Net dimension (mm)	WxDxH	800x280x287	1080x230x310	1080x230x310
	WxDxH	875x350x375	1050x350x415	1050x350x415
Net/ Gross weight (kg)	Net	8.7/11	15.8/17.1	15.8/17.1
	Gross	12.7/15.1	24.3/26.1	24.3/26.1



Appearance



- SmartSave mode with a Energi Chip to auto-save energy
- GearShift mode to actively control the energy use level
- Highly-efficient indoor and outdoor unit design with Inverter Quattro™ technology

Feature

