



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 7%.

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 ± 0.5°C by varying the compressor speed instead of constantly turning it on/off.



-32°C XtremeHeat SPLIT



-32°C XTREME HEAT

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 all 4-in-one at the same time.

With Inverter Quattro™ technology, the Xtreme-Heat is able to withstand the harshest cold winter and to provide the cozy warmth just quick as a flash.



High-Ambient Cooling
Low-Ambient Heating

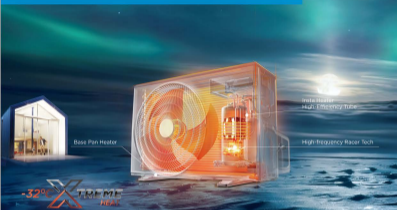
Applying the inverter technology to Midea's strong inverter compressor system, Midea's air conditioner can work at extremely high and low ambient temperatures, from 67°C to -32°C.



Flash Cooling/Heating

Utilizing the High-frequency Racer Tech, the air conditioner's compressor can reach ultra-high frequency very quickly (0.05s in 6 seconds) to ensure speedy, powerful cooling/heating.

Outstanding heating performance even under extreme conditions



Our XtremeEngine™ runs at 100% full-output capacity to keep you warm even when its ambient temperature is -23°C. It works at temperatures as low as -32°C so that you can stay cozy no matter how harsh the cold would be outside.



INSTA HEATER

This heating belt is to preheat the inverter upon start-up, shaking off the external coldness, thus to get the compressor ready in a split second for the heating.

Inverter Quattro™ Compressor

The Inverter Quattro™'s High Frequency Racer Tech enables the compressor to race at the ultra-high speed frequency almost instantly upon start up, providing powerful cooling as soon as you switch on the air conditioner.

High-Efficiency Tube

The increased heat exchange area improves the efficiency of heat transfer, allowing faster heating.

1.9 Times

Base Pan Heater

With 1.9 times of former output power and the brand-new stainless steel material, the base pan heater can quickly melt and remove snow and ice on the outdoor unit, ensuring stable heating capacity.

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 $\pm 0.5^\circ\text{C}$.



3D Airflow

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



Energy Saving



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.



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 (Alergen), smoke, micro dust (under 0.3um)



Smart

App-based Remote Control

Based on the cloud service under M-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. Choose default modes for selection, or you can customize your own one.

Durability



PrimeGuard™

Midea's PrimeGuard™ is more resistant in oxidation & corrosion than ordinary fins for condensers to furnish a sturdier and long-lasting performance. It can also efficiently prevent bacteria from breeding and oil stain from adhering, and withstand weather elements to enhance durability.



Diamond-edged and T-shape Casing

The Diamond-edged 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.



Model	MTAB120RF1-N3W	MTAB120RF1-N3W	MTAB120RF1-N3W	MTAB120RF1-N3W	
Model Name					
Capacity (liters/h)	Cooling	112000 (3500-6000)	1117000 (3200-2000)	1120000 (3400-3600)	1120000(3400-3200)
	Heating	132000	132000	132000	132000
Power Input (W)	Cooling	3300 (1650-4025)	5000 (1900-4300)	5000 (2250-3020)	5000(2250-3020)
	Heating	17000	17100	17100	171000(2000)
EER (liters/h/W)	Cooling	33.8	33.8	33.8	33.8
	Heating	3.8	3.8	3.8	3.8
COP (W/K)	Cooling	3.8	3.8	3.8	3.8
	Heating	3.8	3.8	3.8	3.8
Rated Current (A)	Cooling	15.4	15.4	15.4	15.4
	Heating	7.6	7.6	7.6	7.6
Power supply (Ph/V/Hz)	Cooling	1/230V/50/50	1/230V/50/50	1/230V/50/50	1/230V/50/50
	Heating	1/230V/50/50/50	1/230V/50/50/50	1/230V/50/50/50	1/230V/50/50/50
Refrigerant	Cooling	R32	R32	R32	R32
	Heating	R32	R32	R32	R32
Application area (m²)	Cooling	10-15	10-15	10-15	10-15
	Heating	10-15	10-15	10-15	10-15
Net dimension (mm)	Cooling	825x262x257	825x262x257	825x262x257	825x262x257
	Heating	825x262x257	825x262x257	825x262x257	825x262x257
Packing dimension (mm)	Cooling	875x315x375	875x315x375	875x315x375	875x315x375
	Heating	875x315x375	875x315x375	875x315x375	875x315x375
Net/Gross weight (kg)	Cooling	8.5/11	8.5/11	8.5/11	8.5/11
	Heating	8.5/11	8.5/11	8.5/11	8.5/11
Net dimension (mm)	Cooling	825x262x257	825x262x257	825x262x257	825x262x257
	Heating	825x262x257	825x262x257	825x262x257	825x262x257
Packing dimension (mm)	Cooling	875x315x375	875x315x375	875x315x375	875x315x375
	Heating	875x315x375	875x315x375	875x315x375	875x315x375
Net/Gross weight (kg)	Cooling	8.5/11	8.5/11	8.5/11	8.5/11
	Heating	8.5/11	8.5/11	8.5/11	8.5/11



Appearance



- Operates at as low as -32°C, 100% full heating capacity at -25°C
- Highest air-outlet temperature: 50°C, fastest: 35°C within 60s
- Anti-ice/frost protection

Feature

