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> Midea 12,000 BTU Smart Inverter Air Conditioner Window Unit with Heat and Dehumidifier User Manual

Midea MAW12HV1CWT

Midea 12,000 BTU Smart Inverter Air Conditioner Window Unit User Manual

Model: MAW12HV1CWT | Brand: Midea

PRODUCT OVERVIEW

The Midea 12,000 BTU Smart Inverter Air Conditioner is designed to provide multi-season comfort, offering powerful cooling and dehumidification for summer, and supplemental heat for cooler seasons. This unit is suitable for large rooms up to 550 square feet and features quiet operation, electronic controls, and smart connectivity.



Image: The Midea 12,000 BTU Smart Inverter Air Conditioner unit, shown with its remote control and a smartphone displaying the MSmartHome app interface.

This unit integrates advanced inverter technology for energy efficiency, reducing electricity consumption by up to 35% compared to standard units. It operates at a low noise level, ensuring a peaceful environment.

SAFETY INFORMATION

Before operating the air conditioner, please read all instructions carefully to ensure safe and proper use. Keep this manual for future reference.

- Ensure the unit is properly grounded.
- Do not operate the unit with a damaged power cord or plug.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep flammable materials away from the unit.
- Always disconnect power before cleaning or servicing.

SETUP AND INSTALLATION

The Midea 12,000 BTU window air conditioner is designed for installation in double-hung windows. A two-person installation is recommended due to the unit's weight (approximately 58 pounds).

Included Components:

- 12,000 BTU Window Air Conditioner with Heat
- Remote Control
- Installation Kit (includes top rail, side panels, window sash seal foam, screws, weather stripping)
- Batteries for remote control

EASY TO INSTALL AND USE

Designed to Fit Double Hung Windows



Image: A visual representation of the accessories and parts included with the Midea window air conditioner, such as the top rail, side panels, window sash seal foam, screws, weather stripping, and remote control.

Window Requirements:

- Window opening width: 24 to 38.5 inches.
- Vertical opening (lower sash): At least 14.5 inches.

ACCESSORIES & PARTS



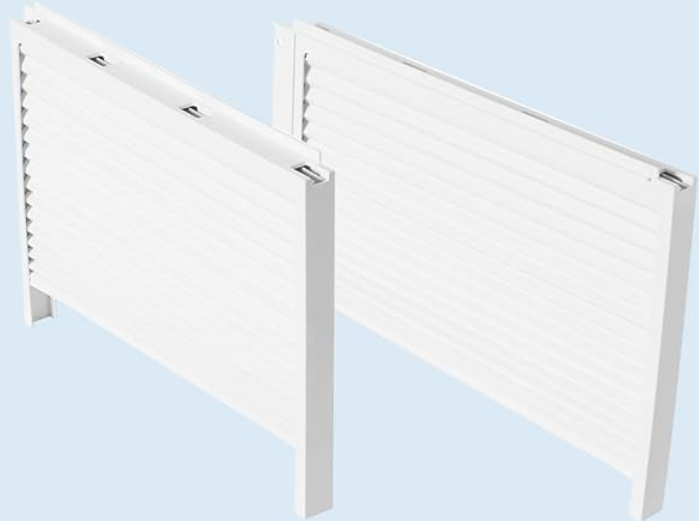
Voltage/Amp
115V, 1Ph



Cord Length
6.49 ft. (198cm)



Top Rail



Side Panels



Window Sash Seal Foam



Screws



Weather Stripping



Remote

Image: A person demonstrating the installation of the Midea window air conditioner, highlighting the required window dimensions for proper fit (19.41" W x 13.9" H).

For detailed installation steps, refer to the comprehensive user manual PDF available for download. Ensure all weather stripping is properly applied to maximize efficiency and prevent air leaks.

OPERATING INSTRUCTIONS

The Midea air conditioner offers multiple modes and control options for optimal comfort.

Control Options:

- **Electronic Control Panel:** Located on the unit for direct adjustments.
- **Remote Control:** Provides convenient control from a distance.
- **MSmartHome App:** Wireless control from anywhere via your smartphone.
- **Voice Assistant:** Compatible with Alexa and Google Assistant for voice commands.

CONTROL FROM ANYWHERE

With App & Voice Assistant

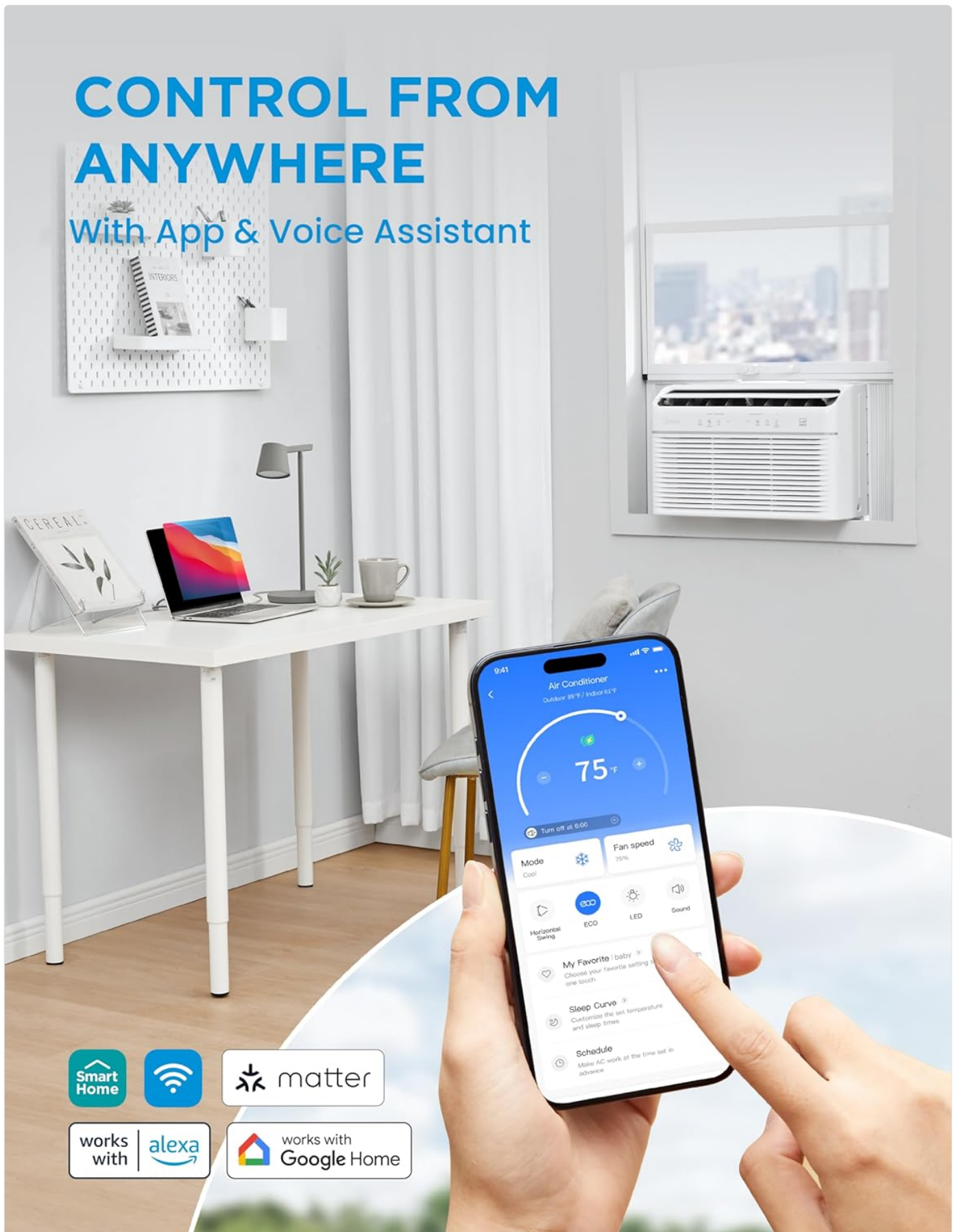


Image: A smartphone screen showing the MSmartHome application, which allows users to control the Midea air conditioner remotely, including setting modes and fan speeds.

Operating Modes:

- **Heat:** Provides supplemental heating. Note: Heat pump function will not work if outside temperature is 41°F (5°C) or below.

- **Auto:** Automatically selects cooling or fan mode based on room temperature.
- **Cool:** Provides cooling and dehumidification.
- **Dry:** Dehumidifies the air without significant cooling.
- **Fan:** Circulates air without cooling or heating.

Additional Features:

- **Speed Settings:** Auto, High (H), Medium (M), Low (L).
- **24-hr Timer:** Program the unit to turn on or off at specific times.
- **ECO Energy Saver:** Optimizes operation for energy efficiency.
- **Swing Function:** Adjusts louvers up/down to direct airflow.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep while saving energy.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Midea air conditioner.

Cleaning the Washable Filter:

The washable filter is easily accessed from the front panel. It should be cleaned regularly to maintain peak performance and air quality. Frequency depends on usage and air quality, but generally every two weeks during heavy use.

1. Turn off the unit and unplug it from the power outlet.
2. Open the front panel and remove the air filter.
3. Wash the filter with warm, soapy water. For heavy dust, use a vacuum cleaner first.
4. Rinse thoroughly and allow the filter to air dry completely before reinserting.
5. Reinstall the filter and close the front panel.

General Cleaning:

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh cleaners or abrasives.
- Ensure the drainage area is clear of obstructions.

TROUBLESHOOTING

If you experience issues with your Midea air conditioner, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, tripped circuit breaker, loose plug.	Check power connection, reset circuit breaker, ensure plug is secure.
Insufficient cooling/heating.	Dirty air filter, blocked air intake/outlet, room too large, heat pump limitation.	Clean air filter, clear obstructions, ensure unit is sized correctly for the room. Remember heat function does not work below 41°F.
Unit is noisy.	Loose parts, unit not level, normal operating sounds.	Check for loose components, ensure unit is level. Some operational sounds are normal.

Problem	Possible Cause	Solution
Water leakage.	Blocked drain hose, unit not level.	Check and clear drain hose, ensure unit is slightly tilted outwards for proper drainage.

If the problem persists after attempting these solutions, please contact Midea customer support.

SPECIFICATIONS

Feature	Detail
Model Number	MAW12HV1CWT
Cooling Capacity	12,000 BTU
Coverage Area	Up to 550 Sq. Ft.
Dimensions (W x D x H)	19.41" x 22.17" x 13.9"
Item Weight	58 pounds
Voltage	115 Volts
Wattage	115 watts
Sound Level	As low as 45 dBA (operating), 58 dB (rated)
CEER	13.3
Certification	Energy Star
Special Features	Inverter Compressor, Wireless control, Remote Controlled, Heating And Cooling Function, Dehumidifier

WARRANTY AND SUPPORT

Midea provides a **2-year limited warranty** on parts and service for this air conditioner unit. Please retain your proof of purchase for warranty claims.

For further assistance, technical support, or warranty service, please contact Midea customer support. You can also refer to the official user manual PDF for more detailed information:

[Download Official User Manual \(PDF\)](#)