

Midea WDV24CWG

Midea WDV24CWG 24000 BTU Window Air Conditioner User Manual

Model: WDV24CWG

1. IMPORTANT SAFETY INSTRUCTIONS

Read all instructions carefully before using this air conditioner. Keep this manual for future reference. Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury to persons.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Always ensure the unit is properly grounded.
- Do not operate the air conditioner with a damaged power cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel for all repairs.
- Ensure the power supply matches the voltage specified on the unit's rating label (230V).

2. PRODUCT OVERVIEW

The Midea WDV24CWG is a 24000 BTU window-mounted air conditioner designed for cooling only. It features a standard filter, remote control operation, and uses R-410A refrigerant.



Figure 2.1: Front view of the Midea WDV24CWG window air conditioner, showing the control panel and air outlet.



Figure 2.2: Angled view of the Midea WDV24CWG unit, highlighting the side vents.

3. SETUP AND INSTALLATION

This air conditioner is designed for window installation. Proper installation is crucial for efficient operation and safety. It is recommended to have the unit installed by a qualified technician.

3.1 Site Selection

- Choose a window that can support the weight of the unit (approximately 52.1 kg).
- Ensure the window opening dimensions are compatible with the unit's size (43 cm Depth x 66 cm Width x 78.5 cm Height).
- The area around the unit should be clear of obstructions to allow for proper airflow.

- Ensure a grounded 230V electrical outlet is available within reach of the power cord.

3.2 Installation Steps (General Guide)

1. Prepare the window opening by removing any screens or obstructions.
2. Install the mounting brackets and support frame according to the detailed instructions provided in the separate installation guide (not included in this manual).
3. Carefully lift and place the air conditioner into the prepared window opening, ensuring it is level or slightly tilted outwards for proper condensation drainage.
4. Secure the unit to the window frame using the provided screws and sealing materials to prevent air leaks.
5. Extend the side panels to fill the remaining gap in the window opening and secure them.
6. Plug the unit into a grounded 230V electrical outlet.

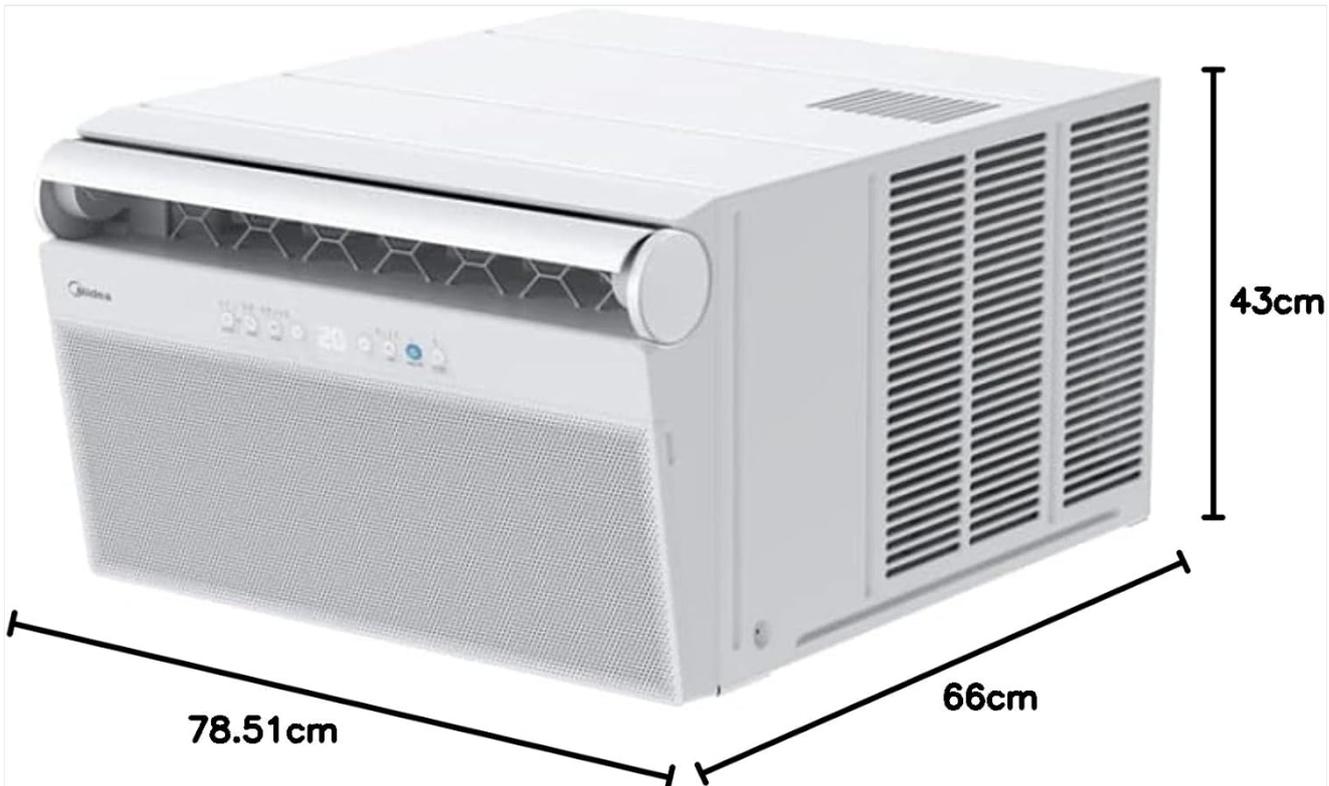


Figure 3.1: Dimensions of the Midea WDV24CWG unit (Depth: 78.51 cm, Width: 66 cm, Height: 43 cm).

4. OPERATING INSTRUCTIONS

The Midea WDV24CWG air conditioner can be operated using the control panel on the unit or the supplied remote control.

4.1 Control Panel

The control panel typically includes buttons for Power, Mode, Fan Speed, Temperature Up/Down, and Timer. Refer to the specific button layout on your unit.

4.2 Remote Control

The remote control provides convenient access to all functions. Ensure batteries are correctly inserted. Point the remote control directly at the unit's receiver.

4.3 Operating Modes

- **Cool Mode:** Select this mode for cooling. Adjust the temperature setting to your desired level. The unit will

cool the room to the set temperature.

- **Fan Mode:** Circulates air without cooling. Useful for ventilation. You can select different fan speeds.
- **Dehumidifier Mode:** Reduces humidity in the room. The unit will operate in a low fan speed and cooling cycle to remove moisture.

4.4 Temperature Setting

Use the Up/Down arrows on the control panel or remote to set the desired room temperature. The unit will maintain this temperature in Cool mode.

4.5 Fan Speed

Adjust the fan speed (Low, Medium, High, Auto) to control airflow and noise level. Higher fan speeds provide faster cooling.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always unplug the unit before performing any maintenance.

5.1 Air Filter Cleaning

The unit is equipped with a standard air filter. A dirty filter reduces cooling efficiency and airflow. Clean the air filter every two weeks or more frequently depending on usage and air quality.

1. Turn off and unplug the air conditioner.
2. Open the front panel of the unit.
3. Carefully remove the air filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinstalling.
6. Reinstall the dry filter and close the front panel.

5.2 Coil Cleaning

The evaporator and condenser coils should be checked annually and cleaned if necessary. Dust and dirt buildup on coils can reduce efficiency. This task is best performed by a qualified service technician.

5.3 Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

6. TROUBLESHOOTING

Before contacting service, check the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start	No power; tripped circuit breaker; loose plug; unit off.	Check power supply; reset circuit breaker; ensure plug is secure; turn unit on.

Problem	Possible Cause	Solution
Insufficient cooling	Dirty air filter; blocked air intake/outlet; room too large; windows/doors open; low refrigerant.	Clean air filter; clear obstructions; close windows/doors; contact service for refrigerant check.
Noisy operation	Loose installation; fan hitting obstruction; normal operating sounds.	Check installation for tightness; ensure no obstructions; some noise is normal.
Water dripping inside	Unit not tilted correctly; clogged drain pan.	Ensure unit is slightly tilted outwards; clear drain pan (contact service if unsure).

If the problem persists after checking these points, contact a qualified service technician.

7. SPECIFICATIONS

Key technical specifications for the Midea WDV24CWG Window Air Conditioner:

Feature	Specification
Brand	Midea
Model	WDV24CWG
Capacity	2 Ton
Cooling Power	24000 BTU
Special Features	Fan, Dehumidifier, Air Conditioner
Product Dimensions (D x W x H)	78.5 cm x 66 cm x 43 cm
Color	White
Voltage	230 Volts
Refrigerant Material	R-410A
Filter Type	Standard Filter
Power Source	Corded Electric
Control Method	Remote Control

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact Midea customer service. Keep your purchase receipt as proof of purchase for warranty claims.

For technical support, service, or to purchase replacement parts, please contact your local Midea authorized service center. Do not attempt to repair the unit yourself, as this may void your warranty and pose safety risks.

You can visit the official Midea store for more information: [Midea Official Store](#)

