

Arctic King WWK05CM01N

Arctic King WWK05CM01N Window Air Conditioner User Manual

Model: WWK05CM01N

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Arctic King WWK05CM01N Window Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Arctic King WWK05CM01N is a compact window air conditioner designed to cool areas up to 150 square feet, offering 5,000 BTU of cooling power. It features an 11.0 Combined Energy Efficiency Rate (CEER).

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- 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.
- Unplug the unit before cleaning or servicing.
- Do not attempt to repair or modify the unit yourself. Refer all servicing to qualified personnel.
- Keep flammable materials away from the unit.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Arctic King WWK05CM01N Window Air Conditioner Unit
- Window Mounting Kit (side panels, top rail, sash lock, foam seals, screws)
- User Manual

4. SETUP AND INSTALLATION

The Arctic King WWK05CM01N is designed for easy installation in standard double-hung windows. A screwdriver is required for installation. For some window frames, pilot holes may be recommended before installing screws.

Window Requirements:

- Window Width: 23 inches to 36 inches
- Minimum Window Opening Height: 13 inches

Installation Steps:

1. Prepare the window by cleaning the sill and frame.
2. Attach the top rail to the unit using the provided screws.
3. Install the accordion side panels into the side channels of the unit.
4. Carefully place the unit into the window opening, ensuring the bottom rail rests securely on the window sill.
5. Extend the side panels to fill the window opening and secure them with screws to the window frame.
6. Install the sash lock to secure the window sashes.
7. Apply foam seals to prevent air leakage.



Figure 4.1: Arctic King WWK05CM01N Window Air Conditioner installed in a typical window opening. The unit is positioned centrally with accordion side panels extended to seal the gaps.



Figure 4.2: Front view of the Arctic King WWK05CM01N Window Air Conditioner, showing the air vents and control panel on the left side.

5. OPERATING INSTRUCTIONS

Your Arctic King WWK05CM01N air conditioner features simple manual controls for temperature and fan settings.

Control Panel:





Figure 5.1: Close-up view of the control panel, featuring two rotary dials for temperature and cooling/fan settings.

Settings:

- **Temperature Dial:** This dial allows you to select one of 7 temperature settings, from 'Min Cool' to 'Max Cool'. Rotate the dial to adjust the desired cooling level.
- **Cooling/Fan Dial:** This dial controls the operating mode and fan speed. It includes settings for 'OFF', 'Low Fan', 'High Fan', 'Low Cool', and 'High Cool'.
 - **OFF:** Turns the unit off.
 - **Low Fan / High Fan:** Operates the fan without cooling, circulating air.
 - **Low Cool / High Cool:** Activates the compressor for cooling at either a low or high fan speed.
- **Air Direction:** The unit features 2-way adjustable air direction louvers. Manually adjust these louvers to direct the airflow horizontally.

Important: After turning the unit off or changing modes, wait approximately three minutes before restarting to protect the compressor.

6. MAINTENANCE

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

Cleaning the Air Filter:

The air filter should be cleaned regularly, typically every two weeks, or more often depending on usage and air quality. A dirty filter can reduce cooling efficiency and airflow.

1. Unplug the air conditioner from the power outlet.
2. Open the front grille and carefully remove the air filter.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinstalling.

Cleaning the Exterior:

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

Condensation Drainage:

The unit is designed to manage condensation. In some environments, or if excessive water accumulates, it may be beneficial to drill small drain holes in the bottom of the unit's outer casing to facilitate drainage and prevent water buildup, which can lead to algae or mold growth. Consult a qualified technician if unsure.

7. TROUBLESHOOTING

Before contacting customer service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power; Plug not fully inserted; Circuit breaker tripped	Check power cord connection; Reset circuit breaker; Test outlet with another device
Unit not cooling effectively	Dirty air filter; Room too large; Temperature setting too high; Blocked air vents; Doors/windows open	Clean air filter; Ensure unit is appropriate for room size; Lower temperature setting; Clear obstructions; Close doors/windows

Problem	Possible Cause	Solution
Loud buzzing/humming sound	Compressor attempting to start too quickly; Loose parts; Unit not level	Ensure 3-minute delay between cycles; Check for loose components; Verify unit is level in window
Water dripping inside	Unit not tilted slightly outwards; Drain holes clogged or absent	Ensure proper tilt during installation; Inspect and clear drain holes or consider drilling new ones if necessary

8. SPECIFICATIONS

Model Number	WWK05CM01N
Cooling Power	5000 British Thermal Units (BTU)
Floor Area Coverage	150 Square Feet
Seasonal Energy Efficiency Ratio (SEER)	11.2
Combined Energy Efficiency Rate (CEER)	11.0
Voltage	120 Volts
Wattage	450 W
Noise Level	60 Decibels
Product Dimensions (W x D x H)	15.98 x 13.19 x 12.05 inches
Item Weight	39.5 pounds
Refrigerant	R 410A
Form Factor	Window
Special Feature	Compact

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

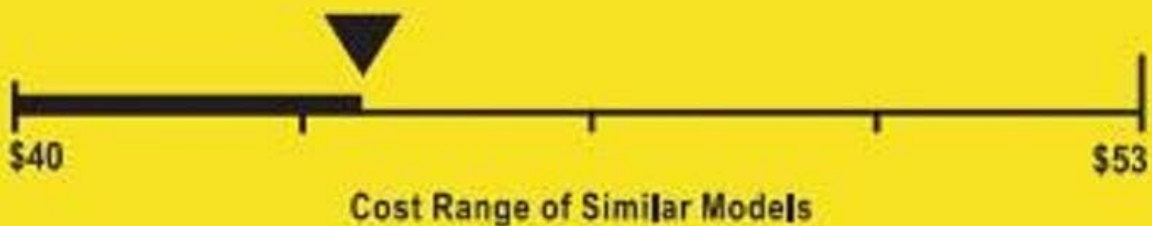
ENERGYGUIDE

Room Air Conditioner
Without Reverse Cycle
With Louvered Sides

Arctic King
Model WWK05CM91N
Capacity: 5,000 BTUs

Estimated Yearly Energy Cost

\$44



11.0

Combined Energy Efficiency Ratio

Your cost will depend on your utility rates and use.

- Cost range based only on models of similar capacity without reverse cycle and with louvered sides.
- Estimated energy cost based on a national average electricity cost of 13 cents per kWh and a seasonal use of 8 hours a day over a 3 month period.
- For more information, visit www.ftc.gov/energy.

Figure 8.1: Energy Guide label for the Arctic King WWK05CM01N, indicating an estimated yearly energy cost of \$44 and a CEER of 11.0.

9. WARRANTY AND SUPPORT

Your Arctic King WWK05CM01N Window Air Conditioner is covered by a one-year limited warranty on parts and labor from the original purchase date. This warranty covers manufacturing defects and malfunctions under normal

use.

For warranty claims, technical support, or to inquire about replacement parts, please contact Arctic King customer service. Keep your purchase receipt as proof of purchase.

For further assistance, please visit the official Arctic King support website or contact their customer service department. [Contact Support](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question