



Manuals.plus /

› EcoExplorer /

› EcoExplorer 5000 BTU Window AC Unit User Manual

EcoExplorer 84A9mWkUki8h63uBXnE6MA5f

EcoExplorer 5000 BTU Window AC Unit User Manual

Model: 84A9mWkUki8h63uBXnE6MA5f

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before operating your new EcoExplorer Window AC Unit. Keep this manual for future reference.

- Always plug the unit into a grounded 115V/60Hz electrical outlet. Do not use extension cords or adapter plugs.
- Do not operate the unit with a damaged power cord or plug. If the cord is damaged, it must be replaced by a qualified service technician.
- Ensure the unit is installed securely in a window according to the installation instructions to prevent it from falling.
- Do not block the air intake or exhaust vents. Maintain adequate clearance around the unit for proper airflow.
- Unplug the unit before cleaning or performing any maintenance.
- 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.

2. PRODUCT OVERVIEW

The EcoExplorer 5000 BTU Window AC Unit is designed to provide efficient cooling for rooms up to 150 sq.ft. It features intuitive controls, quiet operation, and easy maintenance.

Key Features:

- **High-Efficiency Cooling:** Powerful 5000 BTU capacity suitable for bedrooms, offices, and dorms.
- **Intuitive Manual Controls:** Features a 7-level temperature knob, dual cooling/fan modes, and adjustable louvers.
- **Quiet Operation:** Optimized rotary compressor operates at approximately 51dB, ensuring minimal disturbance.
- **Easy Installation:** Includes a comprehensive quick-install kit for standard window sizes.
- **Washable Filter:** Slide-out design for easy cleaning and maintenance.



Figure 2.1: EcoExplorer 5000 BTU Window AC Unit with included remote control and smartphone app interface.

EASY TO OPERATE



Temperature Adjustment



Multi-mode Setting



Figure 2.2: Close-up view of the manual control panel, showing the temperature adjustment knob and multi-mode setting knob.



Figure 2.3: The EcoExplorer AC unit is suitable for various small room environments.



Figure 2.4: Guide for choosing the correct BTU capacity based on room size.

3. INSTALLATION GUIDE

This unit is designed for installation in standard double-hung windows. A comprehensive installation kit is included.

Window Requirements:

- **Window Width:** 23 inches to 34 inches (58.4 cm to 86.4 cm)
- **Minimum Window Height:** 14.5 inches (36.8 cm)

Installation Steps:

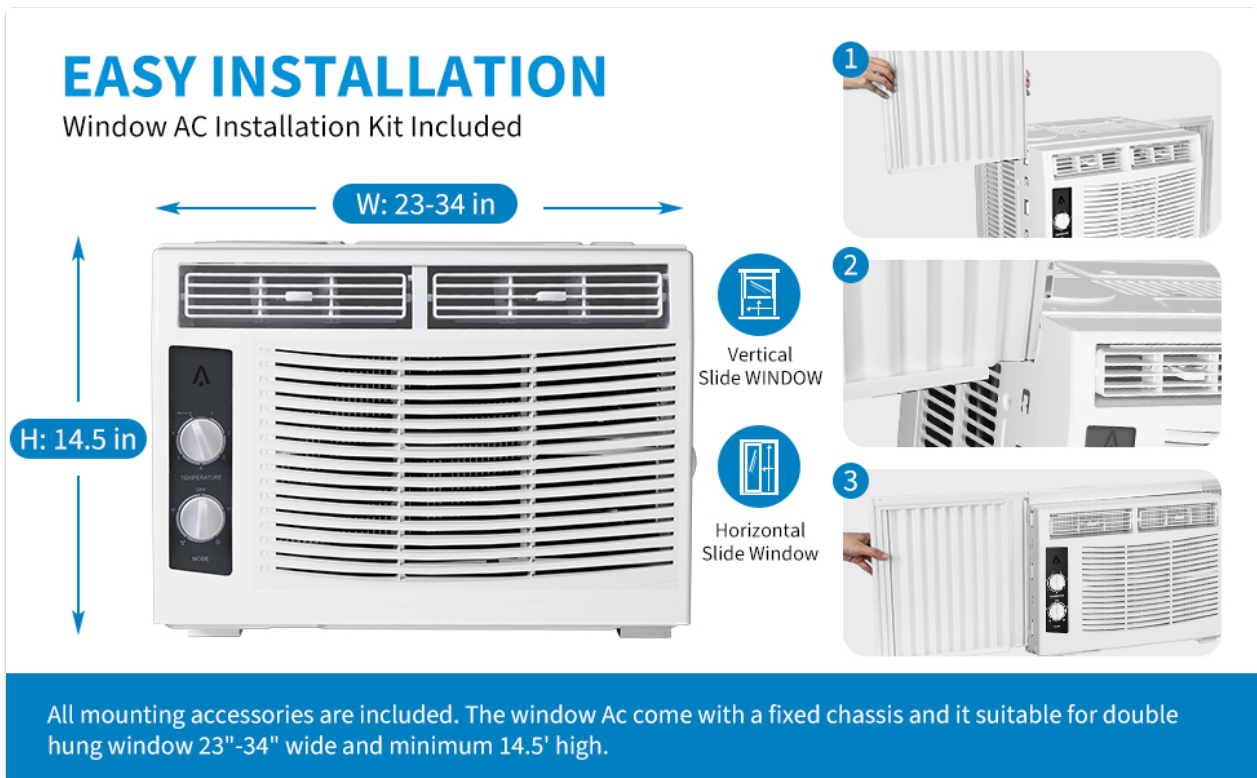
1. **Prepare the Window:** Open the window to the required height. Ensure the window sill is clean and level.
2. **Attach Side Panels:** Slide the accordion side panels into the channels on the AC unit.
3. **Place the Unit:** Carefully lift the AC unit and place it into the window opening, ensuring the bottom rail rests on the window sill.
4. **Secure the Unit:** Lower the window sash behind the top rail of the AC unit. Extend the side panels to fill the window opening and secure them with the provided screws.
5. **Install Support Brackets (if necessary):** Depending on your window type and local codes, install the provided support brackets to ensure stability.
6. **Seal Gaps:** Use the included foam seals to seal any gaps around the unit to prevent air leakage and improve efficiency.



Figure 3.1: Unit dimensions and compatible window sizes for installation.

EASY INSTALLATION

Window AC Installation Kit Included



The diagram shows the AC unit with dimensions: **W: 23-34 in** and **H: 14.5 in**. Three numbered steps illustrate installation: 1. Sliding the window up, 2. Sliding the window down (labeled 'Vertical Slide WINDOW'), and 3. Sliding the window horizontally (labeled 'Horizontal Slide Window').

All mounting accessories are included. The window AC come with a fixed chassis and it suitable for double hung window 23"-34" wide and minimum 14.5' high.

Figure 3.2: Visual guide for installing the unit, including vertical and horizontal window types.

EASYINSTALLATION

All Mounting Accessories re Included

Ideal Window Size



The image shows the AC unit installed in a window. The height of the window opening is labeled as **14.5 in** and the width is labeled as **23-34 in**.

Figure 3.3: The AC unit properly installed in a window, illustrating ideal window dimensions.

4. OPERATING INSTRUCTIONS

Your EcoExplorer AC unit offers simple manual controls for personalized comfort.

Control Panel:

The unit features two main rotary knobs on the front panel:

- **Temperature Knob:** Adjusts the cooling intensity across 7 levels. Turn clockwise for cooler settings.
- **Mode Knob:** Selects between different operating modes (e.g., Cool, Fan).

Operating Modes:

- **Cool Mode:** Provides active cooling. Use the temperature knob to set your desired cooling level.
- **Fan Mode:** Circulates air without cooling. Useful for ventilation or when cooling is not required.

Airflow Adjustment:

Manually adjust the louvers on the front of the unit to direct the airflow horizontally or vertically as desired.



Figure 4.1: Overview of control options, including manual knobs and remote control functions (if applicable).

Energy Efficiency and Quiet Cool

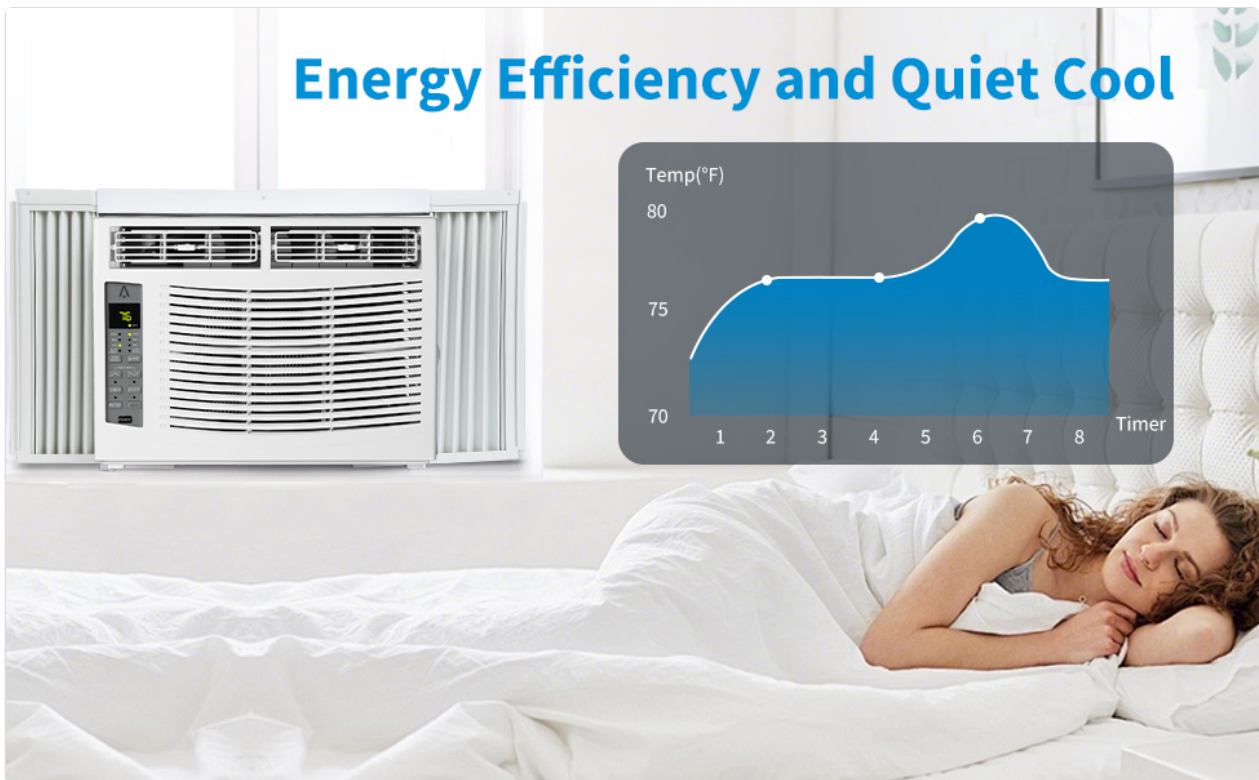


Figure 4.2: The unit's quiet operation supports peaceful rest, demonstrating energy efficiency.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your AC unit.

Filter Cleaning:

The EcoExplorer AC unit features a slide-out washable filter for easy maintenance. Clean the filter regularly, ideally every two weeks, or more often if the unit is used frequently or in dusty environments.

1. **Unplug the Unit:** Always disconnect the power supply before cleaning.
2. **Remove the Filter:** Gently slide out the air filter from its slot on the front of the unit. No tools are required.
3. **Clean the Filter:** Wash the filter under warm, running water. A mild detergent can be used for stubborn dirt. Rinse thoroughly.
4. **Dry the Filter:** Allow the filter to air dry completely before reinserting it. Do not use direct heat to dry.
5. **Reinstall the Filter:** Slide the dry filter back into its original position.



Figure 5.1: Cleaning the slide-out washable filter under running water.

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 customer support, please refer to the following common issues and their solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; unit unplugged; circuit breaker tripped.	Ensure unit is plugged into a live 115V outlet. Check circuit breaker and reset if tripped.
Unit not cooling effectively.	Dirty air filter; blocked air vents; room too large; windows/doors open.	Clean the air filter. Ensure vents are clear. Close all windows and doors. Verify room size is within 150 sq.ft.
Unit is noisy.	Loose installation; foreign object in fan; unit not level.	Check installation for secure fit. Inspect for obstructions. Ensure unit is level.
Water dripping from unit.	Drainage issue; high humidity.	Ensure unit is slightly tilted outwards for proper drainage. This is normal in high humidity.

7. SPECIFICATIONS

Brand:	EcoExplorer
Model Number:	84A9mWkUki8h63uBXnE6MA5f
Cooling Capacity:	5000 BTU
Recommended Room Size:	Up to 150 sq.ft.
Voltage:	115V / 60Hz
Noise Level:	Approximately 50 dB
Item Weight:	40.9 pounds (18.55 kg)
Product Dimensions (L x W x H):	17.91 x 14.84 x 15.04 inches (45.5 x 37.7 x 38.2 cm)
Installation Type:	Window
Special Features:	Fast Cooling, Washable Filter
Color:	White
Included Components:	AC Unit, Remote Control, Installation Kit, User Manual

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official EcoExplorer website. Keep your purchase receipt as proof of purchase.

For technical assistance or service inquiries, please contact EcoExplorer Customer Service at the contact information provided in your product packaging or on the official EcoExplorer website.