Electactic A8503W-12K

Electactic 12000BTU Smart Inverter Window Air Conditioner User Manual

Model: A8503W-12K

1. Introduction

Thank you for choosing the Electactic 12000BTU Smart Inverter Window Air Conditioner. This manual provides essential information for the safe and efficient use of your new appliance. Please read these instructions thoroughly before installation and operation, and retain them for future reference.

Important Safety Information

- Always unplug the unit before cleaning or performing any maintenance.
- Ensure the power supply matches the voltage specified on the unit's rating label.
- Do not operate the unit with a damaged power cord or plug.
- Keep children and pets away from the unit during operation.
- Do not block the air intake or exhaust vents.

2. Product Overview

The Electactic 12000BTU Smart Inverter Window Air Conditioner is designed to provide efficient and quiet cooling for rooms up to 550 sq. ft. It features advanced inverter technology for stable temperature control and energy savings, along with convenient Wi-Fi and remote control capabilities.

Key Features:

- **Cooling Capacity:** 12,000 BTU
- **Coverage Area:** Up to 550 sq. ft.
- **Control:** Wi-Fi App and Remote Control

- **Modes:** Cool, Dry, Fan, Auto, Sleep, Eco
- **Fan Speeds:** 3
- **Airflow:** 4-way adjustable
- **Noise Level:** As low as 50dB
- **Technology:** Smart Inverter for stable temperature and energy efficiency

Unit Components

The package includes the main air conditioner unit and an installation kit.



Figure 2.1: Electactic 12000BTU Smart Inverter Window Air Conditioner unit, remote control, and smartphone app interface.

3. Setup and Installation

This air conditioner is designed for easy installation in standard double-hung windows. No external brackets or additional support are typically required.

Window Requirements:

- **Window Width:** 25 to 36 inches
- **Window Height:** At least 14.5 inches

Included Installation Kit Components:

- Long Foam Seal (x2)
- Security Bracket (x1)
- Short Lock Frame (x4)
- Plasticene (x1)

- Screws (x7)
- Remote Control (x1)



Figure 3.1: Window dimensions for proper installation and a visual representation of the included installation kit components.

Installation Steps:

1. Prepare the window opening, ensuring it meets the specified dimensions.
2. Carefully lift the air conditioner unit and place it into the window opening.
3. Secure the unit using the provided security bracket and screws, following the detailed instructions in the separate installation guide (if provided with the product packaging).
4. Install the short lock frames to further secure the unit and prevent window movement.
5. Apply the long foam seals and plasticene to seal any gaps around the unit, ensuring maximum energy efficiency and preventing air leakage.
6. Ensure the unit is level to allow for proper drainage.

4. Operating Instructions

Your Electactic air conditioner offers multiple ways to control your comfort, including a remote control and a smartphone app.

Control Methods:

- **Remote Control:** Use the included remote for direct control of settings.
- **Smartphone App (Wi-Fi Enabled):** Download the dedicated app to control your AC unit from anywhere. Follow the app's instructions for pairing with your device.

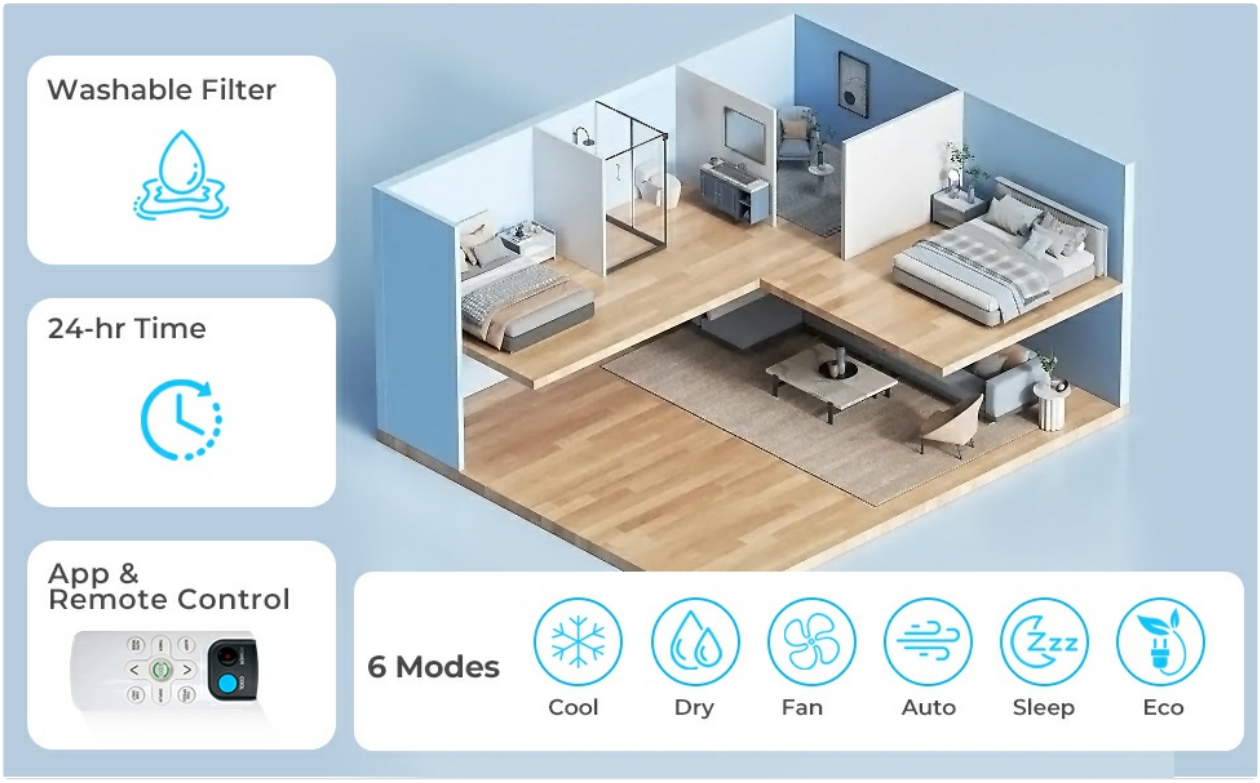


Figure 4.1: Control your air conditioner conveniently using the smartphone application.

Operating Modes:

Select the desired mode for optimal comfort:

- **Cool Mode:** Provides powerful cooling to quickly lower room temperature. Adjustable temperature range from 61°F to 88°F.
- **Dry Mode:** Reduces humidity in the room without significant cooling.
- **Fan Mode:** Circulates air without cooling, offering a gentle breeze.
- **Auto Mode:** Automatically selects the appropriate operating mode (Cool, Dry, or Fan) based on the ambient room temperature.
- **Sleep Mode:** Adjusts temperature and fan speed for quiet operation and energy saving during sleep.
- **Eco Mode:** Optimizes operation for energy efficiency.



Figure 4.2: The three primary operating modes: Cool, Dry, and Fan.

Fan Speed and Airflow:

- **Fan Speeds:** Choose from 3 fan speeds (Low, Medium, High) to adjust airflow intensity.
- **4-Way Adjustable Airflow:** Manually or automatically adjust the louvers to direct airflow horizontally and vertically for optimal distribution.

Inverter Technology and Quiet Operation:

The inverter compressor maintains a stable room temperature with minimal fluctuations, leading to enhanced comfort and energy savings. The unit operates quietly, with a noise level as low as 50dB, and includes a Mute mode for even quieter performance during sleep.

Figure 4.3: Inverter technology provides consistent cooling and temperature stability compared to conventional systems.



Figure 4.4: The unit's quiet operation, including Sleep and Mute modes, ensures minimal disturbance.

5. Maintenance

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

Air Filter Cleaning:

The unit features a washable air filter that should be cleaned regularly (e.g., every two weeks or as needed, depending on usage and air quality).

1. Unplug the air conditioner from the power outlet.
2. Locate and remove the air filter, typically found behind the front grille.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinstalling it. Do not expose to direct sunlight or heat.
5. Reinsert the dry filter into the unit and close the grille.

Exterior Cleaning:

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord unplugged; Circuit breaker tripped.	Ensure unit is plugged in securely; Check household circuit breaker; Test outlet with another device.
Insufficient cooling	Air filter dirty; Temperature setting too high; Doors/windows open; Unit size too small for room.	Clean air filter; Lower temperature setting; Close all doors and windows; Ensure unit is appropriate for room size.
Unit is noisy or vibrating	Loose installation; Unit not level; Foreign object inside.	Ensure unit is securely installed and level; Check for and remove any obstructions.
Water dripping inside	Unit not level; Drain hose blocked (if applicable).	Ensure unit is properly leveled with a slight tilt outwards for drainage; Check and clear any drain blockages.

If the problem persists after attempting these solutions, please contact Electactic customer support for assistance.

7. Specifications

Feature	Detail
Model Number	A8503W-12K
Cooling Power	12000 British Thermal Units (BTU)
Product Dimensions (D x W x H)	19.25 x 20.67 x 13.39 inches
Item Weight	58.5 pounds
Voltage	115 Volts
Noise Level	50 dB
Special Features	4 Way Swing, APP & Remote Controlled, Dehumidifier, Inverter Compressor, WiFi Enabled
Included Components	Installation Kit, Window Air Conditioner

8. Warranty Information

The Electactic 12000BTU Smart Inverter Window Air Conditioner comes with a **1-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
For detailed warranty terms and conditions, please refer to the warranty card included with your product packaging or contact Electactic customer support.

Extended Protection Plans:

Extended protection plans (e.g., 3-Year, 4-Year, or Complete Protect) may be available for purchase separately to provide additional coverage beyond the standard manufacturer's warranty. These plans are offered by third-party providers and are not included with the initial product purchase.

9. Customer Support

If you have any questions, require technical assistance, or need to report an issue with your Electactic air conditioner, please contact our customer support team.
For more information and support resources, you can visit the official Electactic store:

Visit the Electactic Store

Please have your model number (A8503W-12K) and purchase information ready when contacting support.

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