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Erivess NBYG-AC2301W

Erivess 8,000 BTU Portable Air Conditioner

MODEL: NBYG-AC2301W

User Manual

1. Introduction

Thank you for choosing the Erivess 8,000 BTU Portable Air Conditioner. This unit is designed to provide efficient cooling, dehumidification, and air circulation for your indoor spaces. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.



Image: The Erivess portable air conditioner in a modern living room setting, illustrating its cooling capability for areas up to 400 sq. ft.

2. Safety Information

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always use the unit with a grounded power outlet. Do not modify the power cord or plug.
- Do not operate the unit with wet hands or when standing in water.
- Keep the unit away from heat sources and direct sunlight.
- Ensure proper ventilation around the unit. Do not block air inlets or outlets.
- Do not insert objects into the air outlets.
- Unplug the unit before cleaning or performing any maintenance.
- Do not attempt to repair or disassemble the unit yourself. Contact qualified service personnel.
- Empty the water tank regularly to prevent overflow, especially during dehumidifier mode.

3. Package Contents

Verify that all items are present in the package:

- Erivess Portable Air Conditioner Unit
- Remote Control
- Exhaust Hose
- Window Sealing Kit (Window Slider Kit, Exhaust Hose Adapter, Window Exhaust Adapter)
- User Manual

4. Product Overview

Familiarize yourself with the main components of your portable air conditioner.



Image: The unit's control panel with LED display and the included remote control, highlighting the dual control options.

Control Panel Functions:

- **Power Button:** Turns the unit On/Off.
- **Temperature Up/Down Buttons:** Adjusts the desired temperature.
- **Mode Button:** Cycles through Cool, Fan, and Dry (Dehumidifier) modes.
- **Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Timer Button:** Sets the auto-on or auto-off timer (1-24 hours).



Image: Close-ups of the unit's carrying handle, 360-degree universal wheels for easy mobility, and the removable washable filter.

5. Setup & Installation

The Erivess portable air conditioner is designed for quick and easy installation. No special tools are required.

Placement:

- Place the unit on a flat, stable surface.
- Ensure there is at least 20 inches (50 cm) of space around the unit for proper airflow.
- Position the unit near a window for exhaust hose installation.

Window Kit Installation:

1. Assemble the window slider kit to fit your window opening. The kit is adjustable for both horizontal and vertical windows.
2. Attach the exhaust hose to the unit's exhaust outlet and the window exhaust adapter.
3. Insert the window exhaust adapter into the opening of the window slider kit.
4. Ensure all connections are secure to prevent hot air from re-entering the room.



Image: A visual guide detailing the product dimensions and illustrating how to install the exhaust hose in both horizontal and vertical window types.

6. Operating Instructions

Your Erivess portable air conditioner offers three primary operating modes for versatile climate control.



Image: The unit's control panel displaying the three main functions: Cool mode (60°F-90°F), Dehumidifying mode (50 pints/day), and Fan mode (High/Low speed).

Operating Modes:

- **Cool Mode:** Provides powerful cooling. Set your desired temperature using the Up/Down buttons. The unit will cool until the room reaches the set temperature.
- **Fan Mode:** Circulates air without cooling. Select from Low, Medium, or High fan speeds.
- **Dry (Dehumidifier) Mode:** Removes excess moisture from the air. The unit will operate at a low fan speed to maximize moisture removal. Periodic drainage is needed in this mode.

Additional Features:

- **Timer Function:** Use the Timer button to set an auto-on or auto-off time between 1 and 24 hours.
- **Quiet Operation:** Engineered with Sound-Silencing Technology, operating at a low noise level of 54dB for minimal disturbance.
- **Self-Evaporating System:** Helps to efficiently remove condensation.
- **Auto Shut-off:** The unit will automatically shut off when the internal water tank is full.

- **Automatic Restart:** In the event of a power outage, the unit will automatically restart with the previous settings once power is restored.
- **Auto Defrosting:** The unit includes an auto defrosting function for operation at low ambient temperatures.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner.

Cleaning the Air Filter:

The unit features a removable and washable air filter. Clean the filter every two weeks, or more frequently depending on usage and air quality.

1. Unplug the unit from the power outlet.
2. Remove the air filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight.

Draining Water:

Condensation builds up during use. While the unit has a self-evaporating system, periodic manual drainage may be needed, especially in high humidity or during extended dehumidifier operation.

1. Turn off the unit and unplug it.
2. Place a shallow pan or tray under the drainage port at the bottom rear of the unit.
3. Remove the drain plug to allow water to flow out.
4. Once drained, securely replace the drain plug.

Cleaning the Unit Exterior:

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

8. Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not plugged in; Water tank full.	Check power outlet and plug; Empty water tank.
Unit does not cool effectively	Air filter dirty; Room too large; Doors/windows open; Exhaust hose not properly installed; Temperature setting too high.	Clean air filter; Ensure room size is within capacity; Close doors/windows; Check exhaust hose installation; Lower temperature setting.
Loud noise during operation	Unit not on a level surface; Obstruction in fan.	Place unit on a flat surface; Check for and remove any obstructions.
Water leakage	Drain plug loose; Water tank full.	Secure drain plug; Empty water tank.

9. Specifications

Feature	Specification
Brand	Erivess
Model Name	NBYG-AC2301W
Cooling Power	8,000 BTU (ASHRAE)
Coverage Area	Up to 400 sq. ft.
Functions	Cool, Fan, Dehumidifier
Dehumidifying Capacity	50 pints/day
Noise Level	54 dB
Voltage	115 Volts
Wattage	800 Watts
Refrigerant	R-410A
Product Dimensions (D x W x H)	13" x 11" x 27.6"
Item Weight	48.5 pounds
Control Method	Remote, Touch
Special Features	Built-In Wheel, Digital Display, Portable, Removable Washable Filter, Timer
Annual Energy Consumption	500 kilowatt hours per year

10. Warranty & Support

This Erivess Portable Air Conditioner (Model NBYG-AC2301W) comes with a limited 1-year warranty from the date of purchase.

Warranty Coverage:

The warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, alteration, neglect, unauthorized repair, or improper installation.

Customer Support:

For warranty claims, technical assistance, or any questions regarding your product, please contact Erivess customer support. Please have your model number and purchase receipt ready.
Email: support@erivess.com (Example Email)
Phone: 1-800-XXX-XXXX (Example Phone Number)
Website: Erivess Official Store

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