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> [AirOrig 8500 BTU Portable Air Conditioner User Manual \(Model 1548YT0613\)](#)

AirOrig 1548YT0613

AirOrig 8500 BTU Portable Air Conditioner User Manual

Model: 1548YT0613

Brand: AirOrig

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using this appliance. Keep this manual for future reference.

- Always connect the unit to a grounded power outlet.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets.
- Ensure the unit is placed on a flat, stable surface.
- Do not insert objects into the air vents.
- Unplug the unit before cleaning or servicing.
- Keep children and pets away from the unit during operation.

PRODUCT OVERVIEW

The AirOrig 8500 BTU Portable Air Conditioner is a versatile 3-in-1 unit designed to provide cooling, dehumidification, and fan functions for rooms up to 400 square feet. Its compact design and portability make it suitable for various living spaces.

8500 BTU

Compact & Portable Air Conditioner

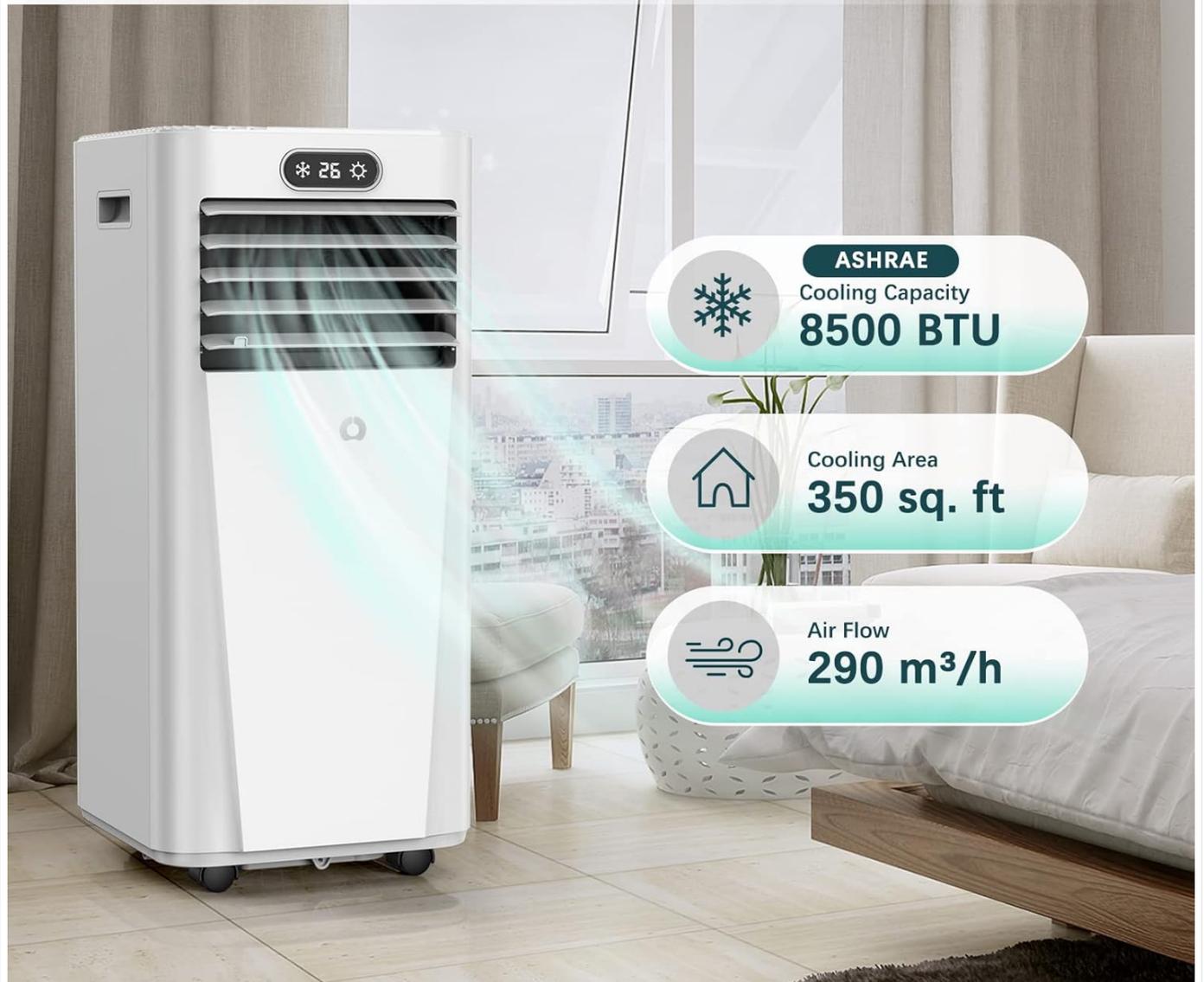


Image: The AirOrig portable air conditioner, highlighting its 8500 BTU cooling capacity, suitability for 350 sq. ft. areas, and 290 m³/h airflow.

This unit features an intuitive control panel and a full-function remote control for convenient operation. Integrated casters and handles allow for easy movement between rooms.

3-in-1 Powerful Air Conditioner

One unit multiple designs



Image: Illustration of the three operating modes: Cooling (8500 BTU, 60-90°F), Dehumidifying (1.2L/Hours), and Fan (Low Speed, High Speed).

PACKAGE CONTENTS

- Portable Air Conditioner Unit
- Remote Control
- Exhaust Hose (4.9 ft / 59 inches)
- Window Adapter Kit
- User Manual

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the unit and all accessories from the packaging. Retain packaging for future storage or transport.

2. **Placement:** Place the air conditioner on a flat, stable surface, ensuring there is at least 20 inches (50 cm) of space around the unit for proper airflow.
3. **Install Exhaust Hose:**
 - Attach one end of the exhaust hose to the air outlet on the back of the unit.
 - Attach the window adapter to the other end of the exhaust hose.
4. **Install Window Kit:**
 - Open the window and place the window kit panel into the window opening. Adjust the panel length to fit securely.
 - Connect the window adapter of the exhaust hose to the opening in the window kit panel.
 - Close the window firmly against the kit to seal it.
5. **Power Connection:** Plug the power cord into a grounded electrical outlet.



Image: The portable air conditioner with its dimensions (11.8in x 11.8in x 27.5in) and an illustration of the window kit and exhaust hose connection.

OPERATING INSTRUCTIONS

Control Panel



Image: Close-up of the control panel showing buttons for temperature adjustment (Up/Down), Timer, Speed, Mode selection, and Power. Also displays icons for Temperature Display, Cooling Mode, Fan Mode, Sleep Mode, Dehumidifier Mode, 24H Timer, Low Noise, and Child Lock.

- **Power Button:** Press to turn the unit ON or OFF.
- **Mode Button:** Cycle through Cooling, Fan, and Dehumidifier modes.
- **Up/Down Buttons:** Adjust the desired temperature or timer settings.
- **Speed Button:** Adjust fan speed (Low, Medium, High) in Fan or Cooling mode.
- **Timer Button:** Set the auto-on or auto-off timer (up to 24 hours).

Remote Control

The unit can be operated using the included remote control. Ensure there are no obstructions between the remote and the

unit's receiver.



Image: The portable air conditioner being operated by its remote control. Also shows the 360° rotating castors and integrated side handles for easy movement.

Operating Modes

- **Cooling Mode:** Provides powerful cooling. Set desired temperature using Up/Down buttons.
- **Fan Mode:** Circulates air without cooling. Adjust fan speed as needed.
- **Dehumidifier Mode:** Removes excess moisture from the air. The unit will operate in fan mode at a fixed speed.

Special Features

- **Sleep Mode:** Activates quiet operation and gradually increases the set temperature over several hours to conserve energy and maintain comfort during sleep.
- **24H Timer:** Allows scheduling the unit to turn on or off automatically within a 24-hour period.
- **Auto Shut Off:** The unit will automatically turn off when the set timer expires or under certain conditions (e.g., water tank full in dehumidifier mode).

Sleep Mode, Super Quiet

With noise levels as low as 65dB, 24H timer, sleep mode and auto shut off, enjoy your silently sleep time



Sleep Mode



24H Timer



Auto Shut Off



≤ 65db

25db

45db

65db

85db

105db

125db

Image: A person sleeping, illustrating the quiet operation of the unit in Sleep Mode (below 65dB), along with icons for 24H Timer and Auto Shut Off.

MAINTENANCE

Air Filter Cleaning

The air filter should be cleaned regularly, ideally twice a month, to ensure optimal performance and air quality.

1. Unplug the air conditioner from the power outlet.
2. Locate and remove the air filter from the back or side of the unit.
3. Wash the filter under running tap water. For heavy dust, a mild detergent can be used.
4. Allow the filter to air dry completely before reinserting it into the unit. Do not expose to direct sunlight or heat.

Draining Water

In dehumidifier mode or high humidity conditions, the internal water tank may fill. The unit will typically stop operating and display an indicator when the tank is full.

1. Turn off and unplug the unit.
2. Place a shallow pan or tray under the drain port (usually located at the bottom rear of the unit).
3. Remove the drain plug/cap.
4. Allow all water to drain completely.
5. Replace the drain plug/cap securely.

Storage

When storing the unit for an extended period:

- Drain all accumulated water.
- Clean the air filter.
- Unplug the power cord and wrap it neatly.
- Store the unit in a cool, dry place, preferably in its original packaging.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord not plugged in; Full water tank.	Check power outlet; Plug in power cord securely; Drain water tank.
Unit does not cool effectively.	Air filter dirty; Room too large; Doors/windows open; Exhaust hose not properly installed.	Clean air filter; Ensure room size is within capacity; Close doors/windows; Check exhaust hose connection.
Unit is noisy.	Unit not on a flat surface; Obstruction in fan.	Place on a flat surface; Check for and remove any obstructions.
Water leakage.	Drain plug loose; Unit tilted.	Ensure drain plug is secure; Place unit on a level surface.

SPECIFICATIONS

Feature	Detail
Model Number	1548YT0613
Cooling Capacity	8500 BTU
Coverage Area	Up to 400 sq. ft. (approx. 37 m ²)
Air Flow	290 m ³ /h
Functions	Cooling, Dehumidifier, Fan (3-in-1)
Dehumidifying Capacity	1.2 L/hour
Noise Level	Less than 67dB (typically 65dB in sleep mode)

Feature	Detail
Product Dimensions (L x W x H)	29.97 x 29.97 x 69.85 cm (11.8 x 11.8 x 27.5 inches)
Product Weight	22.68 kg (50 lbs)
Voltage	Standard Household Voltage (Refer to product label)
Special Features	Remote Control, Touch Screen, 24H Timer, Sleep Mode, Auto Shut Off, Portable with Casters

WARRANTY AND SUPPORT

For warranty information or technical support, please contact AirOrig customer service. Details are typically provided on the product packaging or through the retailer where the product was purchased.

Please have your model number (1548YT0613) and purchase date ready when contacting support.

You can also visit the [AirOrig brand store on Amazon](#) for more information.

