

AirOrig OL-A015C-9.5CD

AirOrig 14,000 BTU Portable Air Conditioner User Manual

Model: OL-A015C-9.5CD

Brand: AirOrig

1. INTRODUCTION

Thank you for choosing the AirOrig 14,000 BTU Portable Air Conditioner. This 4-in-1 unit provides powerful cooling, efficient dehumidification, fan operation, and a quiet sleep mode to ensure optimal comfort in your home or office. Engineered with a high-efficiency rotary compressor and advanced refrigerant technology, this unit is designed to rapidly cool rooms from 550 to 700 sq. ft. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.



Figure 1.1: AirOrig Portable Air Conditioner and Remote Control.

This image shows the main unit of the AirOrig portable air conditioner, a sleek white rectangular device with a control panel on top and wheels at the bottom for easy mobility. A remote control is displayed next to it, indicating convenient operation.

2. SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electrical shock, or injury, read and follow all instructions and warnings before operating this appliance.

- Always plug the unit into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not operate the unit with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Do not use extension cords or adapter plugs.
- Do not block air vents. Ensure proper airflow around the unit.
- Keep children and pets away from the unit during operation.

- Unplug the unit before cleaning or performing any maintenance.
- Do not use the unit in wet areas such as bathrooms or laundry rooms.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel for repairs.

3. PRODUCT OVERVIEW AND FEATURES

The AirOrig Portable Air Conditioner is a versatile appliance designed for various climate control needs. Its key features include:

- **4-in-1 Functionality:** Offers Cooling, Dehumidifying, Fan, and Sleep modes for year-round comfort.
- **Powerful Cooling:** 14,000 BTU capacity effectively cools rooms up to 700 sq. ft.
- **Quiet Operation:** Features an inverter noise-reduction compressor and brushless silent fan, operating under 45dB in sleep mode for peaceful nights.
- **Auto Wind Swing:** 0-90° wide-angle airflow with an auto-swing feature ensures even cool air distribution.
- **Self-Evaporation System:** Automatically expels moisture, eliminating the need for frequent draining.
- **Easy Mobility:** Equipped with 360° smooth-rolling wheels and hidden handles for effortless movement between rooms.
- **Remote Control:** Full-function remote control for convenient operation from a distance.
- **Washable Air Filter:** Easy-to-clean filter helps maintain air quality and unit efficiency.

Advanced Efficient Cooling System



Figure 3.1: Advanced Efficient Cooling System. This diagram illustrates the powerful cooling capability of the unit, showing air circulation and the 14,000 BTU ASHRAE rating, 410m³/h air flow, and 700 sq ft cooling area.

Automatic Wind Swing



Figure 3.2: Automatic Wind Swing. This image highlights the automatic wind swing feature, showing the top louver opening and closing to distribute air across an 87-degree range.



Figure 3.3: Innovative Noise-Insulation System. This diagram illustrates the internal components contributing to the low noise operation, emphasizing the quiet design.

4. SETUP AND INSTALLATION

The AirOrig Portable Air Conditioner is designed for quick and easy setup. Follow these steps for proper installation:

4.1 Unpacking

1. Carefully remove the unit from its packaging.
2. Check for any shipping damage. If damaged, contact customer support immediately.
3. Ensure all accessories are present: Portable Air Conditioner, Remote Control, Window Installation Kit, Exhaust Hose, Drainage Pipe, User Manual.



Figure 4.1: Installation Kit Components. This image displays all the components included in the installation kit, such as window boards, exhaust hose, hose connector, hose outlet coupler, remote control, drainage pipe, and user manual.

4.2 Window Kit Installation

The window kit is adjustable for both horizontal (sliding) and vertical (single/double hung) windows, ranging from 26 to 50 inches.

Installation Methods for Different Types of Windows



Figure 4.2: Installation Methods for Different Window Types. This image shows how the window kit can be installed in both sliding (gliding) windows and single/double hung windows, with measurements for the adjustable panels.

1. Put the screws into the holes in the plates.
2. Install the washer and screw, but do not tighten.
3. Place an additional inner plate into the outer plate and secure the screws.
4. After adjusting the length, fix the window plates to your window and close them to secure.
5. Connect the exhaust hose to the AC unit's adapters.
6. Align the connector with the opening on the inside of the window bracket and push it in until it locks into place.



Figure 4.3: Step-by-Step DIY Installation. This graphic provides a six-step visual guide for installing the window kit and exhaust hose, detailing how to assemble the panels and connect the hose to both the unit and the window.

4.3 Unit Placement

Place the portable air conditioner on a flat, stable surface. Ensure there is at least 20 inches of clearance around the unit for proper airflow and efficient operation.

5. OPERATING INSTRUCTIONS

Your AirOrig Portable Air Conditioner can be operated using the control panel on the unit or the included remote control.

5.1 Control Panel and Remote Control

Easy Remote & Panel Control



Figure 5.1: Control Panel and Remote. This image shows the intuitive LED display and buttons on the top of the unit, along with the remote control, illustrating how easily the unit can be managed.

The control panel features an LED display and touch-sensitive buttons for Power, Mode, Speed, Swing, Temperature Up/Down, Timer, and Sleep. The remote control duplicates these functions for convenience.

5.2 Operating Modes

The unit offers four distinct operating modes:

4 Modes & 3 Speeds Meet all Your Needs



Figure 5.2: 4 Modes & 3 Speeds. This visual illustrates the four modes: Cooling Mode (person relaxing), Drying Mode (clothes drying), Fan Mode (person with fan), and Sleeping Mode (person sleeping), indicating the versatility of the unit.

- **Cooling Mode:** Provides powerful air conditioning to lower room temperature. Adjust temperature using the Up/Down buttons.
- **Dehumidifying Mode (Drying Mode):** Removes excess moisture from the air, ideal for humid environments.
- **Fan Mode:** Circulates air without cooling, offering three fan speeds (Low, Medium, High).
- **Sleep Mode:** Operates quietly (under 45dB) for undisturbed rest, gradually adjusting temperature for optimal sleep comfort.

5.3 Temperature and Fan Speed Adjustment

- Use the **^** (Up) and **v** (Down) buttons to set your desired temperature in Cooling mode.
- Press the **Speed** button to cycle through Low, Medium, and High fan speeds in Cooling or Fan mode.

5.4 Timer Function

The 24-hour timer allows you to program the unit to turn on or off automatically.

- Press the **Timer** button to activate the timer function.

- Use the Up/Down buttons to set the desired time in hours.



Figure 5.3: Sleep Mode and 24H Timer. This image highlights the quiet operation of the unit during sleep mode (48-55dB) and the convenience of the 24-hour timer setting, comparing its noise level to common sounds.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your AirOrig Portable Air Conditioner.

6.1 Cleaning the Air Filter

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

1. Unplug the air conditioner from the power outlet.
2. Locate the air filter access panel (usually at the back or side of the unit).
3. Remove the filter.

4. Wash the filter under running water (warm, soapy water if heavily soiled).
5. Allow the filter to air dry completely before reinserting it into the unit.



Figure 6.1: Washable Air Filter. This section of the image shows the removable air filter being washed under a faucet, demonstrating its easy maintenance.

6.2 Unit Cleaning and Storage

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- For long-term storage, ensure the unit is completely dry. Run the unit in fan-only mode for a few hours to dry out any internal moisture.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	No power, tripped circuit breaker, power cord not fully plugged in.	Check power outlet, reset circuit breaker, ensure power cord is securely plugged in.
Unit not cooling effectively	Dirty air filter, blocked air intake/exhaust, room too large, windows/doors open.	Clean air filter, ensure vents are clear, close windows/doors, check room size against unit capacity.
Unit is noisy	Unit not on a level surface, internal component vibration.	Place unit on a flat, stable surface. If noise persists, contact customer support.
Water leakage	Drain plug not properly sealed (though unit has self-evaporation, check for rare issues).	Ensure drain plug is securely in place. If continuous, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	OL-A015C-9.5CD
Cooling Power	14,000 BTU
Floor Area Coverage	700 Square Feet
Product Dimensions (D x W x H)	11.8"D x 16.9"W x 27.5"H
Item Weight	57.3 pounds
Noise Level	45 dB (Sleep Mode)
Voltage	110 Volts
Special Features	Auto Swing, Dehumidifier, Fast Cooling, Sleep Mode, Timer Setting
Included Components	Portable Air Conditioner, Remote Control, Window Installation Kit, English Manual



Figure 8.1: Product Dimensions. This image provides a clear visual of the unit's height, width, and depth measurements.

9. WARRANTY AND CUSTOMER SUPPORT

AirOrig stands by the quality of its products.

- **1 Year Warranty:** Your AirOrig Portable Air Conditioner comes with a one-year replacement warranty covering manufacturing defects and malfunctions.
- **Lifetime Technical Support:** We offer lifetime technical support for your product.
- **Customer Service:** For any concerns, questions, or technical assistance, please contact our 24/7 professional customer service team.

For support, please refer to the contact information provided with your purchase or visit the official AirOrig website.

