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- › [AIRO COMFORT](#) /
- › [AIRO Portable Air Conditioner 14000 BTU User Manual](#)

## AIRO COMFORT AC

# AIRO Portable Air Conditioner 14000 BTU User Manual

Model: AC | Brand: AIRO COMFORT

## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your AIRO Portable Air Conditioner 14000 BTU. This unit is designed to provide powerful and efficient cooling, fan, and dehumidification functions for your living space. Please read this manual thoroughly before operating the appliance and retain it for future reference.



Figure 1.1: AIRO Portable Air Conditioner and Remote Control

## 2. SAFETY INFORMATION

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Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury.

- Ensure the power supply matches the voltage specified on the unit's rating label.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets. Maintain at least 12 inches (30 cm) clearance from walls or other objects.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- Always unplug the unit before cleaning or servicing.
- This appliance is equipped with an LCDI plug to cut off power in case of leakage, ensuring fire-safe operation. Do not attempt to bypass or modify this safety feature.
- Keep the unit on a flat, stable surface to prevent tipping and water leakage.
- Do not use the unit in wet environments such as bathrooms or laundry rooms.

### 3. PACKAGE CONTENTS

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Verify that all components are present in the packaging:

- AIRO Portable Air Conditioner Unit
- Remote Control (with batteries)
- Exhaust Hose
- Window Seal Plate Kit (adjustable)
- Drain Hose
- User Manual

### 4. PRODUCT FEATURES

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The AIRO Portable Air Conditioner offers a range of features designed for optimal comfort and convenience:

- **Powerful Cooling:** 14,000 BTU cooling capacity, ideal for spaces up to 500-700 sq. ft.
- **3-in-1 Operation:** Functions as an Air Conditioner, Fan, and Dehumidifier.
- **Digital Control Panel & Remote:** Intuitive LED display and full-function remote control for easy operation.
- **Oscillating Vents:** Automatic wind swing motion for even air distribution.
- **Energy-Smart Features:** Includes a 24-hour programmable timer and a quiet Sleep Mode.
- **Portable Design:** Equipped with caster wheels for easy mobility between rooms.
- **Dual Layer Filter:** Easy-to-clean filter system for improved air quality.
- **Safety Certified:** Features an LCDI plug for enhanced electrical safety.

### 5. SETUP AND INSTALLATION

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The AIRO Portable Air Conditioner is designed for easy DIY installation. Follow these steps to set up your unit:

#### 5.1 Positioning the Unit

Place the unit on a flat, stable surface near a window and a grounded electrical outlet. Ensure there is at least 12 inches (30 cm) of clearance around the unit for proper airflow.



Figure 5.1: Unit placement in a living room setting.

# COMFORT FOR YOUR SLEEP



Reduced fan noise



LED on off



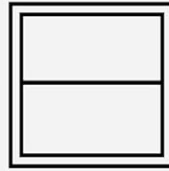
Figure 5.2: Unit placement in a bedroom setting.

## 5.2 Window Kit Installation

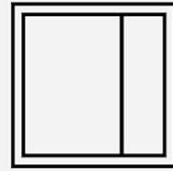
The included window seal plate kit is compatible with most double/single-hung and sliding windows.

1. Assemble the window seal plate kit according to the instructions provided with the kit, adjusting its length to fit your window opening.
2. Open the window and place the assembled window seal plate into the window opening. Secure it in place.
3. Attach one end of the exhaust hose to the unit's exhaust outlet and the other end to the opening in the window seal plate. Ensure a secure connection to prevent air leakage.

# EASY TO INSTALL



Double/Single-hung Window



Sliding Slash Window



Figure 5.3: Window types compatible with the installation kit.

For optimal performance, ensure the exhaust hose is as short and straight as possible to minimize heat loss.

## 6. OPERATING INSTRUCTIONS

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

### 6.1 Control Panel Overview

# EASY TO CONTROL 3 IN 1 FUNCTION



Figure 6.1: Digital Control Panel

- **Power Button:** Turns the unit On/Off.
- **Mode Button:** Cycles through Cooling, Fan, and Dehumidifier modes.
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Temperature Up/Down Buttons:** Adjusts desired temperature in Cooling mode.
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Sleep Mode Button:** Activates/deactivates Sleep Mode (reduces fan noise and dims LED).
- **Swing Button:** Activates/deactivates automatic vertical louver swing.

## 6.2 Operating Modes

- **Cooling Mode:** Provides powerful cooling. Set your desired temperature using the Up/Down buttons.
- **Fan Mode:** Circulates air without cooling. Adjust fan speed as desired.
- **Dehumidifier Mode:** Removes excess moisture from the air. The unit will collect condensed water internally.

### 6.3 Special Functions

- **Sleep Mode:** Designed for quiet operation during sleep. When activated, the fan noise is reduced, and the LED display can be turned off.



Figure 6.2: Sleep Mode for enhanced comfort.

- **24-Hour Timer:** Program the unit to turn on or off automatically within a 24-hour period to save energy.
- **Automatic Swing:** The unit features automatic vertical wind swing motion to distribute cool air evenly throughout the room.

# NO ADDITIONAL COSTS



Figure 6.3: Automatic Wind Swing Motion.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your AIRO Portable Air Conditioner. Always unplug the unit before performing any maintenance.

### 7.1 Cleaning the Air Filter

The unit is equipped with an easy-to-clean dual-layer filter. Clean the filter every two weeks or more frequently if the unit is used in a dusty environment.

1. Turn off and unplug the air conditioner.
2. Locate the 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 reinstalling. Do not expose to direct sunlight or excessive heat.
6. Reinstall the dry filter and close the access panel.

# PORTABLE AIR CONDITIONER



Figure 7.1: Removing and cleaning the Dual Layer Filter.

## 7.2 Draining Condensed Water

In Dehumidifier mode or high humidity conditions, the unit will collect condensed water. The unit has an internal reservoir, but for continuous operation or when the reservoir is full, manual draining may be required.

1. Turn off and unplug the air conditioner.
2. Place a shallow pan or container (e.g., a drain pan) under the drain outlet at the bottom rear of the unit.
3. Remove the drain plug. Water will begin to flow out.
4. Once all water has drained, replace the drain plug securely.
5. For continuous drainage, attach the provided drain hose to the drain outlet and route it to a suitable drain or container. Ensure the hose is sloped downwards to allow gravity drainage.

## 7.3 Cleaning the Unit Exterior

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

## 8. TROUBLESHOOTING

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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, tripped circuit breaker, LCDI plug tripped.	Check power cord connection. Reset circuit breaker. Press the RESET button on the LCDI plug.
Unit is running but not cooling.	Dirty air filter, blocked air intake/outlet, exhaust hose not properly installed, room too large, doors/windows open.	Clean air filter. Ensure clear airflow. Check exhaust hose connection and seal. Close doors/windows. Ensure unit BTU matches room size.
Water leakage.	Drain plug loose, unit not level, internal reservoir full (in dehumidifier mode).	Check drain plug. Ensure unit is on a level surface. Drain the internal reservoir.
Unit is noisy.	Unit not level, fan obstruction, normal operating sounds.	Ensure unit is on a level surface. Check for obstructions in fan. Some operational noise (e.g., compressor, fan) is normal.
Remote control not working.	Dead batteries, obstruction between remote and unit.	Replace batteries. Ensure no obstructions and point remote directly at the unit's receiver.

## 9. SPECIFICATIONS

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Technical specifications for the AIRO Portable Air Conditioner 14000 BTU:

Feature	Detail
Model Number	AC
Cooling Capacity	14,000 BTU
Recommended Floor Area	500-700 sq. ft.
Product Dimensions (W x D x H)	16.18 x 13.03 x 27.17 inches (41.1 x 33.1 x 69 cm)
Item Weight	77 pounds (34.9 kg)
Voltage	115 Volts
Noise Level	40 dB (manufacturer stated)
Refrigerant	R-410A
Included Components	Installation Kit



Figure 9.1: Product Dimensions.

## 10. WARRANTY INFORMATION

This AIRO Portable 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. It does not cover damage resulting from misuse, accident, alteration, neglect, or unauthorized repair.

Please retain your proof of purchase for warranty claims.

## 11. CUSTOMER SUPPORT

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If you have any questions, require technical assistance, or need to make a warranty claim, please contact AIRO COMFORT customer support. Refer to the contact information provided on the product packaging or the official AIRO COMFORT website for the most up-to-date support details.

When contacting support, please have your product model number (AC) and purchase date available.

