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AIRO COMFORT AC14MWS

AIRO COMFORT Portable Air Conditioner User Manual

Brand: AIRO COMFORT | Model: AC14MWS

1. INTRODUCTION

The AIRO COMFORT 14000 BTU Portable Air Conditioner is designed to provide powerful and efficient cooling for rooms up to 700 sq. ft. This versatile 3-in-1 unit functions as an air conditioner, fan, and dehumidifier, ensuring a comfortable and humidity-free environment. Its intuitive controls and portable design make it an ideal solution for various living spaces.



Figure 1: AIRO COMFORT Portable Air Conditioner in a modern living room setting.



Figure 2: The portable AC unit positioned in a bedroom, providing cooling comfort.

2. PACKAGE CONTENTS

Verify that all components are present in the packaging:

- AIRO COMFORT Portable Air Conditioner Unit
- Remote Control (Batteries Included)
- Window Kit (Window Sliders, Locking Screws, Foam Seal)
- Exhaust Hose Kit (Exhaust Hose, Inlet/Outlet Adapters)
- Drainage Tube
- User Manual (this document)

3. SPECIFICATIONS

Feature	Specification
Model Number	AC14MWS
Cooling Capacity	14,000 BTU
Recommended Room Size	Up to 700 sq. ft.
Dimensions (D x W x H)	13.03 x 16.18 x 27.17 inches
Weight	65 pounds
Power Source	Corded Electric
Voltage	115 Volts
Wattage	1050 watts
Sound Level	48 dB
Dehumidifier Capacity	5.3 Liters
Refrigerant	R-410A
Display Style	LED



Figure 3: Product dimensions for planning placement.

4. SETUP AND INSTALLATION

The AIRO COMFORT Portable Air Conditioner is designed for easy setup. Follow these steps for quick installation:

1. **Position the Unit:** Place the air conditioner on a flat, stable surface near a window. The unit features 360°

swiveling wheels for easy movement.

2. **Install Window Kit:** Adjust the window slider kit to fit your window opening (suitable for double/single-hung and sliding windows). Secure the window sliders with locking screws and apply the foam seal for optimal insulation.
3. **Attach Exhaust Hose:** Connect one end of the exhaust hose to the unit's exhaust port and the other end to the window kit adapter. Ensure a secure connection to prevent hot air from re-entering the room.
4. **Connect Drainage Tube (Optional for Dehumidifier Mode):** For continuous drainage in dehumidifier mode, connect the drainage tube to the designated port and direct it to a suitable drain or container.
5. **Power On:** Plug the unit into a standard 115V electrical outlet.



Figure 4: The unit is compatible with both double/single-hung and sliding windows for easy exhaust hose setup.

PORTABLE AIR CONDITIONER



Figure 5: The unit's compact design and integrated wheels allow for effortless relocation.

Video 1: Official AIRO COMFORT video demonstrating the portable air conditioner's features and installation process.

5. OPERATING INSTRUCTIONS

The AIRO COMFORT Portable Air Conditioner features an intuitive LED display and touch controls for easy operation.

Control Panel Overview:

EASY TO CONTROL 3 IN 1 FUNCTION



Figure 6: The digital touch button control panel for easy mode, speed, and timer adjustments.

- **Power Button:** Turns the unit On/Off.
- **Mode Button:** Cycles through Cooling, Fan, and Dehumidifier modes.
- **Temperature Adjustment (+/-):** Sets the desired temperature in Cooling mode.
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Timer Button:** Sets a timer for automatic On/Off operation.
- **Sleep Mode:** Reduces fan noise and turns off LED display for undisturbed sleep.
- **Swing Function:** Activates automatic wind swing motion for even air distribution.

Modes of Operation:

- **Cooling Mode:** Provides powerful air conditioning to lower room temperature. Set your desired temperature using the +/- buttons.
- **Fan Mode:** Circulates air without cooling, ideal for general air movement. Adjust fan speed as needed.
- **Dehumidifier Mode:** Removes excess moisture from the air, reducing humidity. Connect the drainage tube for continuous operation.

COMFORT FOR YOUR SLEEP



Figure 7: Features like reduced fan noise and LED toggle enhance comfort during sleep. The automatic wind swing ensures even cooling.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your AIRO COMFORT unit.

Filter Cleaning:

The unit features an easy-to-clean dual-layer filter. It is recommended to clean the filter every two weeks or more frequently depending on usage and air quality.

1. Turn off and unplug the unit before cleaning.
2. Locate the filter access panel on the back of the unit.
3. Remove the filter by gently pulling it out.
4. Rinse the filter under running water to remove dust and debris. For stubborn dirt, use a mild detergent.
5. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct sunlight.

NO ADDITIONAL COSTS



Figure 8: The dual-layer filter is easily accessible for routine cleaning, ensuring no additional costs for replacements.

Drainage:

In dehumidifier mode, or if the internal water tank becomes full in cooling mode, the unit will indicate a full tank. Drain the water using the provided drainage tube or by manually emptying the internal reservoir.

7. TROUBLESHOOTING

If you encounter issues with your AIRO COMFORT unit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power, power cord unplugged, circuit breaker tripped	Check power connection, reset circuit breaker.

Unit not cooling effectively	Dirty air filter, exhaust hose not properly installed, room too large, windows/doors open	Clean air filter, ensure exhaust hose is sealed, close windows/doors, consider room size.
Water leakage	Drainage tube clogged or improperly connected, internal water tank full	Check drainage tube for clogs or proper connection, empty internal water tank.
Unit is noisy	Unit not on a level surface, fan speed too high	Ensure unit is on a flat surface, reduce fan speed.

8. WARRANTY AND SUPPORT

Warranty Information:

The AIRO COMFORT Portable Air Conditioner comes with the following limited warranties:

- **Compressor:** 3 Years Limited Warranty
- **AC Unit:** 1 Year Limited Warranty

Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact AIRO COMFORT customer support. Refer to the product packaging or the official AIRO COMFORT website for the most current contact information.

