## Whynter ARC-14S

# Whynter ARC-14S Portable Air Conditioner Instruction Manual

Model: ARC-14S

## Introduction

Achieve optimal comfort with the multi-award-winning ARC-14S Whynter Portable Air Conditioner. This versatile free-standing unit is designed for rooms up to 500 square feet, offering cooling, dehumidifying, and air circulation functionalities. It features a dual hose system for maximized cooling power and includes an activated carbon filter and washable pre-filter for superior air quality.

Key features include:

- Award-Winning Portable AC Unit: Awarded Good Housekeeping's 2025 "BEST OVERALL PORTABLE AIR CONDITIONER."
- Powerful Yet Quiet: Operates at 51 dBA at low speed, using CFC-free R-32 refrigerant.
- Built-In Dehumidifier: Patented auto drain function, 71 pint/day dehumidifying capacity.
- 3 Operational Modes: Cool, Dehumidify, and Fan (3 speeds), with thermostatic control (61°F – 89°F).
- Includes: 19"D x 16"W x 35.5"H indoor AC unit, extendable hoses, window kit, activated carbon air filter, washable pre-filter, and storage bag.




*Figure 1: Whynter ARC-14S Portable Air Conditioner unit with included remote control.*

## Setup

## Unpacking and Placement

Carefully remove the unit from its packaging. Place the unit on a flat, stable surface in the room you wish to cool. Ensure there is adequate space around the unit for proper airflow, especially at the rear where the hoses connect.

## Window Kit Installation

The ARC-14S comes with an easy-to-install window kit designed for vertical or horizontal window openings. Assemble the window kit panels to fit your window's dimensions (6.5" W x 20" min / 46" max L). Secure the panels in the window frame, ensuring a tight seal to prevent air leakage.




*Figure 2: Dual hose operation setup with window kit dimensions.*

## Hose Connection

Connect the two extendable hoses (5.9" diameter, up to 60" long) to the designated ports on the rear of the AC unit. One hose is for air intake, and the other is for hot air exhaust. Securely attach the other ends of the hoses to the corresponding openings in the installed window kit. Ensure hoses are not kinked or obstructed to maintain optimal performance.

## Operating Instructions

### Control Panel Overview

The unit features an intuitive control panel with an LCD display and various buttons for mode selection, fan speed, and temperature adjustment. The display shows the current temperature setting and selected mode.




*Figure 3: Control panel and custom climate control features including temperature, dehumidifying, fan, and timer.*

### Operational Modes

- **Cool Mode:** Provides powerful cooling. Set desired temperature between 61°F and 89°F.
- **Dehumidify Mode:** Removes excess moisture from the air (71 pint/day capacity).

- **Fan Mode:** Circulates air without cooling. Choose from 3 fan speeds (low, medium, high).

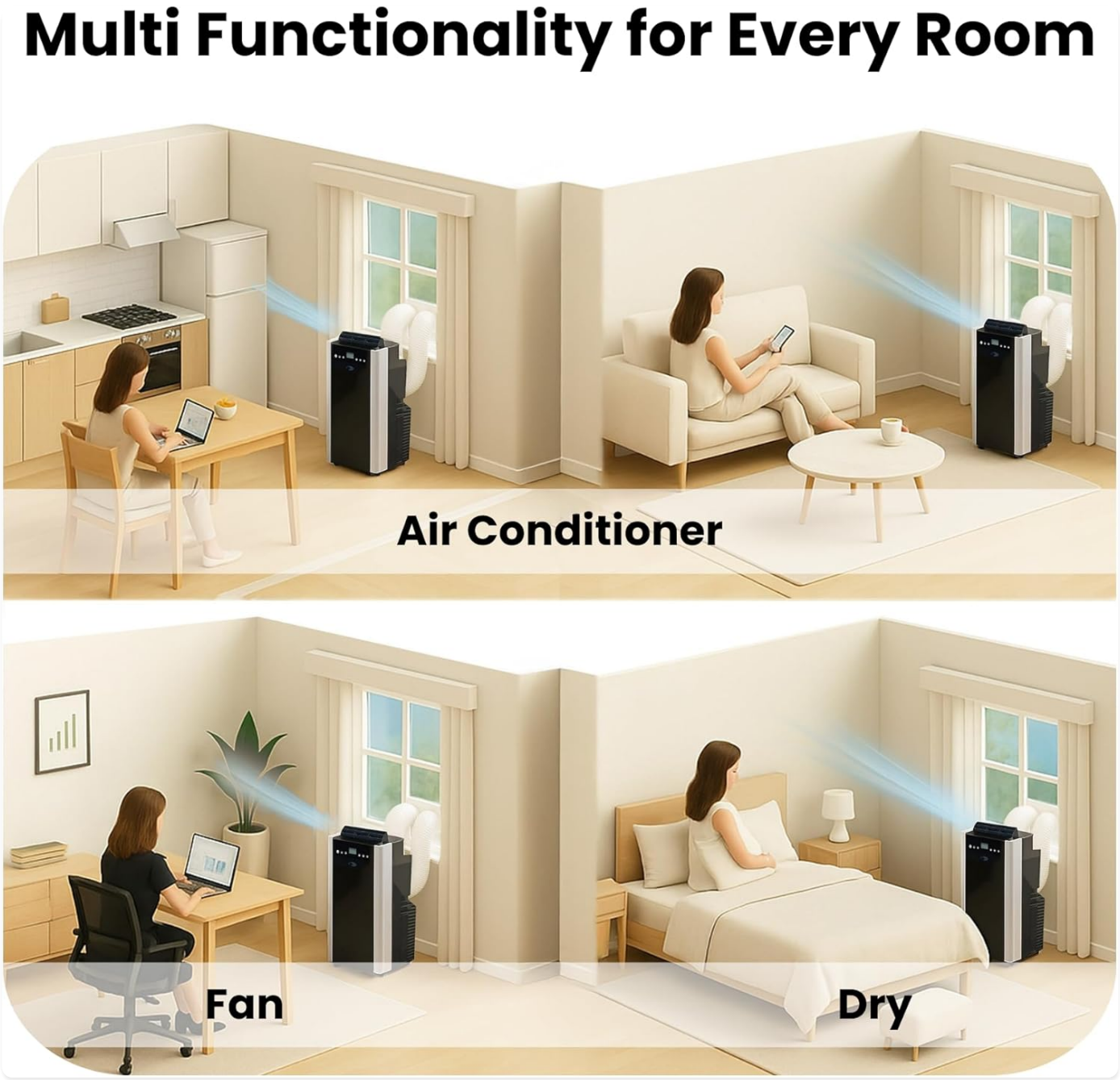



*Figure 4: The unit can operate as an Air Conditioner, Fan, or Dehumidifier (Dry mode).*

### Using the Remote Control

The included remote control allows for convenient operation from a distance. It provides access to all functions available on the main control panel, including power, mode selection, fan speed, and temperature adjustment. Ensure the remote is pointed directly at the unit for optimal response.

## Maintenance

### Filter Cleaning

The ARC-14S is equipped with a washable pre-filter and an activated carbon filter to improve air quality. Regularly clean

the washable pre-filter by removing it from the unit and rinsing it under warm water. Allow it to dry completely before reinserting. The activated carbon filter should be replaced periodically as per the manufacturer's recommendations.




*Figure 5: The unit features a washable pre-filter for dust, pet hair, and dander, and an activated carbon filter for odors and smoke.*

### Auto Drain Function

This unit features a patented auto drain function that automatically exhausts all condensate in most environments, minimizing the need for manual draining. For environments with very high humidity, occasional manual draining may be required. Refer to the user manual for detailed instructions on manual draining if necessary.

## Troubleshooting

If your Whynter ARC-14S Portable Air Conditioner is not operating as expected, please refer to the following common issues and solutions before contacting customer support:

- **Unit does not turn on:** Check if the power cord is securely plugged into a grounded outlet. Ensure the unit is not in standby mode and the timer is not set to turn off. Verify the circuit breaker has not tripped.
- **Unit does not cool effectively:** Ensure all windows and doors in the room are closed. Check if the air intake and exhaust hoses are properly installed and not obstructed or kinked. Clean the air filters if they are dirty. Verify the temperature setting is lower than the ambient room temperature. Ensure the unit is appropriately sized for the room area (up to 500 sq. ft.).
- **Unit is noisy:** Some operational noise from the fan and compressor is normal. Ensure the unit is placed on a flat, stable surface to minimize vibrations. Check for any loose parts or obstructions in the air vents.
- **Water leakage:** The unit has an auto-drain function, but in very humid conditions, the internal water tank may fill. Ensure the drain plug is securely closed. If continuous draining is desired, connect the provided drain hose to a suitable drainage point.
- **Remote control not working:** Check and replace the batteries in the remote control. Ensure there are no obstructions between the remote and the unit's receiver.

For persistent issues or problems not listed here, please contact Whynter customer support.

## Specifications

| Feature | Detail |
|---|---|
| Manufacturer | Whynter |
| Model Number | ARC-14S |
| Item Weight | 73 pounds |
| Product Dimensions | 19"D x 16"W x 35.5"H |
| Color | Platinum/Black |
| Cooling Power | 14000 BTU (9,500 SACC) |
| Coverage Area | 500 Square Feet |
| Dehumidifying Capacity | 71 Pints/Day |
| Air Flow Capacity | 253 Cubic Feet Per Minute (430$m^3$/h) |
| Sound Level | 51 dB (at low speed) |
| Voltage | 115 Volts |
| Wattage | 1300 watts |
| Refrigerant | CFC-free R-32 |

| | |
|---|---|
| Special Features | Dual Hose, Activated Carbon Filter, Washable Pre-filter, Auto Drain Function |

## Warranty and Support

The Whynter ARC-14S Portable Air Conditioner comes with a **One-year warranty on the unit and a Three-year warranty on the compressor.** Please retain your proof of purchase for warranty claims.

For further assistance, detailed user guides, or to contact customer support, please refer to the official Whynter resources:

- User Manual (PDF)
- Safety Information (PDF)
- User Guide (PDF)
- Visit the Whynter Store on Amazon


## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question