Whynter ARC-122DHP

Whynter Portable Air Conditioner & Heater User Manual

Model: ARC-122DHP

Brand: Whynter

1. Introduction

This manual provides essential information for the safe and efficient operation of your Whynter ARC-122DHP Portable Air Conditioner and Heater. This versatile unit is designed to cool, heat, dehumidify, and circulate air in spaces up to 400 sq. ft., offering year-round climate control. Please read these instructions thoroughly before installation and use to ensure proper function and longevity of the appliance.



Figure 1: Whynter ARC-122DHP Portable Air Conditioner and Heater unit with remote control.

2. Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. Ensure the unit is placed on a stable, level surface. Do not block air inlets or outlets. Do not operate the unit with a

damaged cord or plug. Refer to the full safety guidelines in the official user guide for comprehensive details.

3. Product Overview

The Whynter ARC-122DHP is a compact and efficient portable climate control solution. It features a dual-hose system for enhanced performance, an intuitive digital display, and multiple operational modes. The unit is equipped with rolling casters for easy mobility between rooms.



Figure 2: The compact design of the Whynter ARC-122DHP, measuring 16"D x 17"W x 29.5"H, ideal for various spaces.

Key Components:

- Main Unit (ARC-122DHP)
- Window Installation Accessories (Window Slider Kit, Window Fixtures, Window Kit Covers)
- Remote Control
- Exhaust Hose (5.9" diameter, extendable up to 60")

- Intake Hose (5.0" diameter, extendable up to 60")
- Hose Connectors
- Activated Carbon Air Filter
- Washable Pre-filter
- Storage Bag
- Drain Tube (7.5' for AutoPump function)



Figure 3: Detailed view of all included components and accessories for the Whynter ARC-122DHP.

4. Setup

The Whynter ARC-122DHP is designed for easy setup. The dual-hose system maximizes cooling efficiency by drawing in fresh air from outside and exhausting hot air, preventing negative air pressure within the room.

Installation Steps:

1. **Prepare the Window Kit:** Assemble the window slider kit pieces to fit your window opening. The kit is designed for most standard vertical and horizontal sliding windows. Insert the fixtures through the back grooved side of the window slider bars, aligning the screw holes and tightening with four screws.
2. **Attach Hoses to Connectors:** Extend each hose (small intake and large exhaust) by about 6 inches. Install the small slide-in connector and small cut-out connector onto the small exhaust hose by turning counter-clockwise. Install the large slide-in connector and large cut-out connector onto the large intake hose by turning clockwise.
3. **Connect Hoses to Unit:** Fix one end of the intake and exhaust connectors onto the rear ports of the unit by sliding the connectors into each slot.
4. **Install Window Kit:** Open your window approximately 5 inches. Adjust the length of the window slider bars to fit the length or width of the window opening. Close the window onto the window slider kit to secure it.
5. **Connect Hoses to Window Kit:** Move the portable AC unit to the window. Extend the hoses and attach the other end of each hose to the window slider bar. Align the hose connector cut-outs with the tabs to the fixtures and snap

the hoses to the window slider kit.

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Video 1: Whynter ARC-122DHP Feature Video. This video demonstrates the setup process, operational modes, and maintenance of the unit.



Figure 4: Illustration of the dual hose operation and the included window kit for efficient air exchange.

5. Operating Modes

The Whynter ARC-122DHP offers four operational modes to suit your climate control needs:

- **Cool Mode:** Provides cooling with a temperature range of 61°F – 89°F.
- **Heat Mode:** Provides heating with a temperature range of 61°F – 77°F.
- **Dehumidify Mode:** Extracts up to 82 pints of moisture per day. Features a patented auto-drain function that automatically exhausts condensate in most environments. An optional upper gravity drain port and AutoPump are available for continuous operation.

- **Fan Mode:** Circulates air with three fan speeds.

The unit also includes a convenient 24-hour ON/OFF timer for customized scheduling and a remote control for easy adjustment of speed, temperature, timer, and dehumidifier settings from a distance.



Figure 5: The unit's digital display and remote control, highlighting the various operational modes and settings.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your portable air conditioner.

Filter Maintenance:

The unit includes a washable pre-filter and an activated carbon filter. The activated carbon filter helps remove smoke and odors, contributing to superior air quality.

- **Washable Pre-filter:** Regularly clean the pre-filter to maintain airflow and efficiency. Remove the filter, wash it with warm water and mild detergent, rinse thoroughly, and allow it to air dry completely before reinserting.

- **Activated Carbon Filter:** Replace the activated carbon filter as needed, typically every 2-3 months depending on usage and air quality.



Figure 6: Location of the activated carbon filter and washable pre-filter for easy access and maintenance.

Drainage:

The unit features a patented auto-drain function that exhausts condensate automatically in most environments. In high humidity or low temperature environments, manual drainage may be required. The unit comes with a lower and upper drain port, and an AutoPump function that can pump out moisture through the included 7.5-foot drain tube for continuous condensate removal.

7. Troubleshooting

If your unit is not operating as expected, please refer to the troubleshooting section in the full user manual for common issues and solutions. Basic checks include ensuring the unit is properly plugged in, filters are clean, and hoses are correctly installed and not obstructed. For persistent issues, contact customer support.

8. Specifications

Feature	Specification
Model Number	ARC-122DHP
Cooling Capacity	12,000 BTU (ASHRAE) / 7,000 SACC
Heating Capacity	10,000 BTU
Coverage Area	Up to 400 sq. ft.
Dehumidifying Capacity	82 Pints/Day
Noise Level	47 dB (low speed)
Power Consumption	Max. 1200 W / 10.5 A
Voltage	115 Volts
Product Dimensions (D x W x H)	16" x 17" x 29.5"
Item Weight	70 pounds
Color	Silver

9. Warranty and Support

The Whynter ARC-122DHP comes with a 1-year limited manufacturer's warranty and a 3-year compressor warranty. For detailed warranty information or technical support, please refer to the official user guide or contact Whynter customer service.
You can access the official User Guide (PDF) here.

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