

## Rintuf A4212-14K

# Rintuf 14000 BTU ASHRAE Portable Air Conditioner User Manual

Model: A4212-14K

## 1. INTRODUCTION

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The Rintuf 14000 BTU ASHRAE Portable Air Conditioner is a versatile 3-in-1 unit designed to provide cooling, dehumidification, and fan-only operation for your indoor spaces. Its portable design with universal wheels and ergonomic handles allows for easy movement between rooms. This manual provides essential information for the safe and efficient use, setup, operation, and maintenance of your new appliance.

## 2. IMPORTANT SAFETY INFORMATION

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Please read all instructions carefully before operating the appliance and retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always connect the unit to a properly grounded electrical outlet with the correct voltage (240V).
- Do not use extension cords or power strips with this unit. If an outlet is not readily available, consult a qualified electrician.
- Ensure the unit is placed on a stable, level surface to prevent tipping and ensure proper drainage.
- Keep air intake and exhaust vents clear of obstructions to maintain optimal performance and prevent overheating.
- Do not operate the unit with a damaged cord or plug.
- Always unplug the unit before cleaning or performing any maintenance.
- Allow the unit to stand upright for at least 24 hours before initial use if it has been tilted or laid on its side during transport. This allows the refrigerant and lubricants to settle.

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the components of your Rintuf Portable Air Conditioner.



Figure 3.1: Rintuf 14000 BTU Portable Air Conditioner with included remote control.

# Easy Mobility for Your Convenience



Figure 3.2: Full package contents of the Rintuf Portable Air Conditioner.

## Included Components:

- Portable Air Conditioner Unit
- Remote Control
- Exhaust Hose
- Hose Connector
- Window Kit Adapter
- Adjustable Window Kit
- Drain Pipe
- Screws (for window kit assembly)

## 4. SETUP GUIDE

Follow these steps for quick and easy installation of your portable air conditioner.

Video 4.1: Official Rintuf Portable Air Conditioner Installation Guide. This video demonstrates the step-by-step process of setting up

the unit, including window kit assembly and hose connection.

## 4.1 Preparing the Unit

- Unpack the air conditioner and all accessories from the box.
- Place the unit upright in the desired location. It features universal wheels for easy mobility.



Figure 4.1: The unit is designed for easy mobility with universal wheels and ergonomic handles.

## 4.2 Window Kit Installation

The adjustable window kit is designed to fit most standard vertical and horizontal sliding windows.



Figure 4.2: Visual steps for window kit and hose installation.

1. Assemble the window kit panels by sliding them together and securing with the provided screws if necessary to match your window's width or height.
2. For horizontal windows, place the assembled window kit horizontally in the window opening. For vertical windows, place it vertically.

3. Extend the adjustable window kit to fit snugly within the window frame. Close the window sash against the kit to hold it in place.
4. Seal any gaps around the window kit with tape or weatherstripping to ensure maximum cooling efficiency and prevent air leakage.

### **4.3 Exhaust Hose Connection**

1. Twist the hose connector onto one end of the exhaust hose.
2. Twist the window kit adapter onto the other end of the exhaust hose.
3. Connect the hose connector to the exhaust air outlet on the back of the AC unit by aligning and twisting until secure.
4. Insert the window kit adapter into the opening on the window kit panel.

### **4.4 Drainage Pipe Connection (for Dehumidification)**

When operating in dehumidification mode, continuous drainage is required. Connect the provided drain pipe to the drain hole at the bottom rear of the unit. Route the other end of the pipe to a suitable container or floor drain to collect the condensed water.

## **5. OPERATING INSTRUCTIONS**

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

# High-Efficiency Dehumidification

63.4 Pints/Day  $\approx$  16.9 Floz x 60 



Figure 5.1: Control Panel and Remote Control functions.

## 5.1 Control Panel and Remote Control

Both the control panel and remote offer the following functions:

- **Power Button:** Turns the unit On or Off.
- **Mode Button:** Cycles through Cooling, Dehumidification, and Fan modes.
- **Temperature Adjustment Buttons (Up/Down Arrows):** Adjusts the desired temperature setting.
- **Fan Speed Button:** Selects fan speed (Low, Medium, High).
- **Swing Button:** Activates or deactivates the automatic oscillation of the air louvers.
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Sleep Button:** Activates Sleep Mode for quiet and energy-efficient operation.
- **°C/°F Button (on remote):** Toggles between Celsius and Fahrenheit temperature display.

## 5.2 Modes of Operation

### Cooling Mode

This mode provides powerful cooling for rooms up to 700 sq.ft. Set your desired temperature and fan speed for optimal comfort.

# Powerful 14000 BTU Cooling Capability

 14000BTU Cooling Ability

 700 sq.ft Cooling Area

 61 °F Lowest Temperature



The image shows a woman sitting in a blue armchair in a living room, using a laptop. A portable air conditioner unit is positioned near a window, with blue light rays emanating from it, suggesting cooling power. The room contains a blue sofa, a desk with a computer, and a potted plant.

Figure 5.2: Powerful 14000 BTU cooling capability for large rooms.

## Dehumidification Mode

The unit can remove up to 63.4 pints of moisture per day, effectively reducing humidity in your space. Ensure the continuous drainage pipe is properly connected when using this mode.

## 2 Selectable Control Methods

LED control panel & Handy remote



Figure 5.3: High-efficiency dehumidification.

### Fan Mode

In Fan Mode, the unit circulates air without engaging the cooling compressor, providing a refreshing breeze.

### Sleep Mode

Activate Sleep Mode for a comfortable night's rest. The unit will gradually increase the set temperature by 2°F every hour for the first two hours, then maintain that temperature for the remainder of the sleep cycle, ensuring quiet and energy-efficient operation.



Figure 5.4: Smart Timer and Sleep Mode for restful sleep.

### 5.3 Timer Function

Use the Timer function to program the unit to automatically turn on or off after a set period (up to 24 hours). This feature helps conserve energy and ensures comfort when you need it.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and efficient performance of your air conditioner.

### 6.1 Air Filter Cleaning

The unit features a removable and washable air filter. Clean the filter regularly (every 2 weeks or more often depending on usage) to maintain air quality and unit efficiency.

1. Unplug the air conditioner from the power outlet.
2. Locate the air filter panel on the back of the unit.
3. Remove the filter by gently pulling it out.

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.
6. Reinstall the dry filter and plug the unit back in.



Figure 6.1: Removable and washable air filter for easy cleaning.

## 6.2 Drainage

If not using continuous drainage in dehumidification mode, the internal water tank will fill up. The unit will stop operating and display an error code when the tank is full. To drain:

1. Unplug the unit.
2. Place a shallow pan or bucket under the lower drain plug at the rear of the unit.
3. Remove the drain plug to allow water to flow out.
4. Once drained, replace the plug securely.

## 7. TROUBLESHOOTING GUIDE

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; Power cord not plugged in; Tripped circuit breaker; Full water tank (in Dehumidification mode)	Ensure power cord is securely plugged in; Check and reset circuit breaker; Drain water tank.
Unit not cooling effectively	Dirty air filter; Air intake/exhaust blocked; Room size too large; Windows/doors open; High ambient temperature/humidity	Clean air filter; Clear obstructions from vents; Ensure unit is appropriate for room size (up to 700 sq.ft); Close all windows and doors; Consider additional cooling methods in extreme conditions.
Water leakage	Drainage pipe not connected properly or clogged; Unit not level	Ensure drain pipe is securely connected and clear of blockages; Place unit on a level surface.
Unusual noise or vibration	Unit not on a level surface; Fan obstruction	Place unit on a firm, level surface; Check for and remove any obstructions in the fan area.

## 8. PRODUCT SPECIFICATIONS

Specification	Value
Brand Name	Rintuf
Model Info	A4212-14K
Item Weight	55.3 pounds
Product Dimensions	11.81 x 13.39 x 27.56 inches
Cooling Power	14000 British Thermal Units (ASHRAE)
Dehumidification Capacity	63.4 Pints/Day
Noise Level	65 dB
Installation Type	Portable
Voltage	240V
Wattage	960 watts
Recommended Floor Area	Up to 700 Square Feet
Refrigerant	R 410A

## 9. WARRANTY AND CUSTOMER SUPPORT

For warranty information, please refer to the documentation included with your purchase or the product listing on the retailer's website. For any questions, technical assistance, or support, please contact Rintuf customer service through the official channels provided at the time of purchase.

You can also visit the official Rintuf store for more information: [Rintuf Store](#)