

## Rintuf A4212-12K

# Rintuf 12000 BTU Portable Air Conditioner User Manual

Model: A4212-12K

Brand: Rintuf

## 1. INTRODUCTION

Thank you for choosing the Rintuf 12000 BTU Portable Air Conditioner. This versatile 3-in-1 unit provides powerful cooling, effective dehumidification, and efficient fan circulation to keep your space comfortable. With a cooling capacity of 12000 BTU ASHRAE (8000 BTU SACC), it is designed to cool rooms up to 550 sq. ft. This manual provides essential information for safe operation, installation, and maintenance of your new appliance.



Figure 1: Rintuf 12000 BTU Portable Air Conditioner

## 2. IMPORTANT SAFETY INSTRUCTIONS

Please read this manual carefully and fully understand before operating your appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Placement:** Please let the portable air conditioner stand upright for at least 24 hours before plugging it in. Ensure the unit is placed on a stable, level surface in a well-ventilated area.
- **Power Supply:** Always operate the unit from a power source of equal voltage, frequency, and rating as indicated on the product identification plate. Ensure a grounded power outlet is used.
- **Maintenance:** Unplug the power cord when cleaning or when not in use. Do not operate with wet hands. Do not immerse or expose the unit to rain, moisture, or any other liquid.
- **Damage:** If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard. The appliance shall be disconnected from its power source during service.
- **General Use:** Do not insert fingers or other objects into the air outlet. Do not touch the air inlet or the aluminum fins of the unit. Do not leave the unit running unattended. Do not use an extension

cord or an adapter plug.

- **Refrigerant:** Be aware that refrigerants may not contain an odor. Compliance with national gas regulations shall be observed.

If there is anything you don't understand or you need help, please contact the dealer services.

### 3. PARTS AND COMPONENTS

Your Rintuf Portable Air Conditioner comes with all necessary accessories for quick and easy setup.



Figure 2: Full Package Contents

- **Portable AC Unit:** The main unit with air inlet, air filter, recessed handle, air exhaust, drain opening with sealing plug, and universal wheels.
- **Handy Remote:** For convenient remote control of all functions.
- **Exhaust Hose:** Flexible hose for expelling hot air.
- **Hose Connector:** Connects the exhaust hose to the AC unit.
- **Window Kit:** Adjustable panels for sealing the window opening.
- **Window Kit Adapter:** Connects the exhaust hose to the window kit.
- **Drain Pipe:** For continuous drainage during dehumidification or cooling.

- **Screws:** For securing the window kit components.

## 4. SETUP AND INSTALLATION

The Rintuf Portable Air Conditioner is designed for tool-free installation, typically taking less than 10 minutes.

1. **Prepare the Window Kit:** Assemble the adjustable window kit panels and secure them with the provided screws.
2. **Connect Exhaust Hose to Adapter:** Connect one end of the exhaust hose to the hose connector.
3. **Connect Window Kit Adapter to Exhaust Hose:** Attach the window kit adapter to the other end of the exhaust hose.
4. **Install Window Kit:** Place the assembled window kit into your window opening (compatible with horizontal and vertical sliding windows) and extend it to fit securely.
5. **Attach Exhaust Hose to AC:** Connect the hose connector to the exhaust air outlet on the back of the AC unit.
6. **Connect Drain Pipe (Optional for Cooling/Dehumidifying):** For continuous drainage during cooling or dehumidifying modes, connect the additional drain pipe to the drain hole at the bottom rear of the unit.



Figure 3: Installation Steps Overview

**Mobility:** The unit features ergonomic handles and universal wheels, allowing for easy movement and positioning within your home.

## Portable Design for Your Convenience



Figure 4: Portable Design for Convenience

Video 1: Official Rintuf Portable Air Conditioner Installation Guide. This video demonstrates the step-by-step process of setting up the unit, including attaching the exhaust hose and window kit, and highlights the unit's portability features.

## 5. OPERATING INSTRUCTIONS

Your Rintuf Portable Air Conditioner can be controlled via the touch-intuitive LED control panel on top of the unit or with the included handy remote control.

## 2 Selectable Control Methods

LED control panel & Handy remote



Figure 5: Control Panel and Remote Control

### Control Panel & Remote Functions:

- **Power Button:** Turns the unit On/Off.
- **Mode Button:** Cycles through Cooling, Dehumidifier, and Fan modes.
- **Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Swing Button:** Activates/deactivates the 120° wide blade oscillation for even air distribution.
- **Timer Button:** Sets the 24-hour on/off timer.
- **Sleep Button:** Activates Sleep Mode for quiet operation.
- **Temperature Up/Down Arrows:** Adjusts the desired temperature.

### Operating Modes:

- **Cooling Mode:** Provides powerful cooling with 12000 BTU (ASHRAE) capacity, blowing air as low as 61°F to quickly cool spaces up to 550 sq. ft.

# Innovative Cooling Capability



**12000 BTU**  
Cooling Ability



**400 sq.ft**  
Cooling Area



**61 °F Lowest**  
Temperature



Figure 6: Innovative Cooling Capability

- **Dehumidifier Mode:** Effectively removes up to 59.2 pints of moisture from the air per day, ideal for humid environments.

## Powerful Dehumidifying Ability

59.2 Pints/Day=16.9Floz x 56 



Figure 7: Powerful Dehumidifying Ability

- **Fan Mode:** Circulates air with 3 selectable speeds and 120° oscillation, providing a refreshing breeze without cooling.
- **Sleep Mode:** Operates at a low noise level (below 53dB) and automatically increases the temperature by 2°F each hour until it reaches room temperature, ensuring a comfortable night's sleep.

## Smart Sleep Mode

With 53dB quiet operation and 2°F/h temperature raise, you can easily enjoy a comfortable sleep.



Figure 8: Smart Sleep Mode

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Rintuf Portable Air Conditioner.

### Air Filter Cleaning:

The unit features a detachable and washable air filter that blocks impurities and unpleasant smells. It is suggested to regularly remove and wash the filter to maintain air quality and unit efficiency.

1. Unplug the unit from the power outlet.
2. Locate and remove the air filter from the back of the unit.
3. Wash the filter under running water.
4. Allow the filter to air dry completely before reinserting it into the unit.

# Removable and Washable Air Filter

Effectively filters the incoming wind, brings fresh and clean air enjoyment



Figure 9: Removable and Washable Air Filter

## Drainage:

During cooling and dehumidifying operations, water will accumulate. Ensure the drain pipe is properly connected for continuous drainage, or periodically empty the internal water tank if not using continuous drainage.

## 7. TROUBLESHOOTING

If your Rintuf Portable Air Conditioner is not operating as expected, please check the following common issues before contacting support:

- **Unit not turning on:** Ensure the power cord is securely plugged into a grounded outlet. Check if there is a power outage or a tripped circuit breaker.
- **Insufficient cooling:** Verify that the exhaust hose is properly installed and venting hot air outside. Check if the air filter is clean and not obstructed. Ensure windows and doors are closed to prevent warm air from entering the room. The room size should be within the recommended 550 sq. ft. area.
- **Noisy operation:** Check if the unit is placed on a flat, stable surface. Ensure there are no obstructions around the air inlets or outlets.

- **Water leakage:** Ensure the drain pipe is properly connected and not kinked if using continuous drainage. If not using continuous drainage, the internal water tank might be full and needs to be emptied.

For more detailed troubleshooting steps or persistent issues, please refer to the comprehensive user manual included with your product or contact Rintuf customer support.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Rintuf
Model Number	A4212-12K
Cooling Capacity	12000 BTU (ASHRAE) / 8000 BTU (SACC)
Cooling Area	Up to 550 sq. ft.
Noise Level	53 dB (Sleep Mode)
Dehumidification Capacity	Up to 59.2 pints/day
Product Dimensions	18 x 19 x 34.5 inches
Item Weight	79.2 pounds
Voltage	115 Volts (AC)
Wattage	50 watts
Refrigerant	R 410A
Special Features	Dust Filter, Dehumidifier, Fast Cooling, Smart Timer, Remote Control, Universal Wheels

## 9. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the 'User Manual' included in the product packaging. This manual contains specific terms and conditions of your warranty, as well as contact information for Rintuf customer service.

You can also scan the QR code on the cover of your owner's manual for 24-hour online support.

Video 2: Rintuf 12000 BTU Portable AC Review. This video provides an in-depth look at the unit's features, including its quiet operation, control panel, and ease of installation, and mentions the included user manual for further support.

