

Rintuf A5407-8K

Rintuf Portable Air Conditioner User Manual

MODEL: A5407-8K

1. Important Safety Instructions

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

- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Do not operate the unit with a damaged cord or plug. If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Keep the unit at least 20 inches (50 cm) away from walls or other objects to ensure proper airflow.
- Always unplug the unit before cleaning or performing any maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

2. Product Overview



Figure 2.1: Rintuf Portable Air Conditioner with Remote Control

2.1 Package Contents

- Portable Air Conditioner Unit
- Remote Control
- Exhaust Hose
- Hose Adapter
- Window Seal Plate Kit
- Drain Hose
- User Manual

2.2 Unit Components

The portable air conditioner features a compact design with integrated wheels and a handle for easy movement.

Move and Organize with Ease



Figure 2.2: Unit Mobility Features (Universal Wheels, Built-in Handle)

2.3 Control Panel and Remote Control

The unit can be operated using the control panel located on top of the unit or via the included remote control.

Choose a Preferred Way

Remote Control & Control Panel



Figure 2.3: Control Panel and Remote Control Interface

3. Setup and Installation

3.1 Before Installation

- Unpack the unit and all accessories.
- Place the unit upright for at least 2 hours before operation to allow the refrigerant to settle.
- Ensure the power outlet meets the electrical requirements of the unit (115V AC).

3.2 Window Kit Installation

The window kit is designed for installation in both hanging (vertical) and sliding (horizontal) windows.

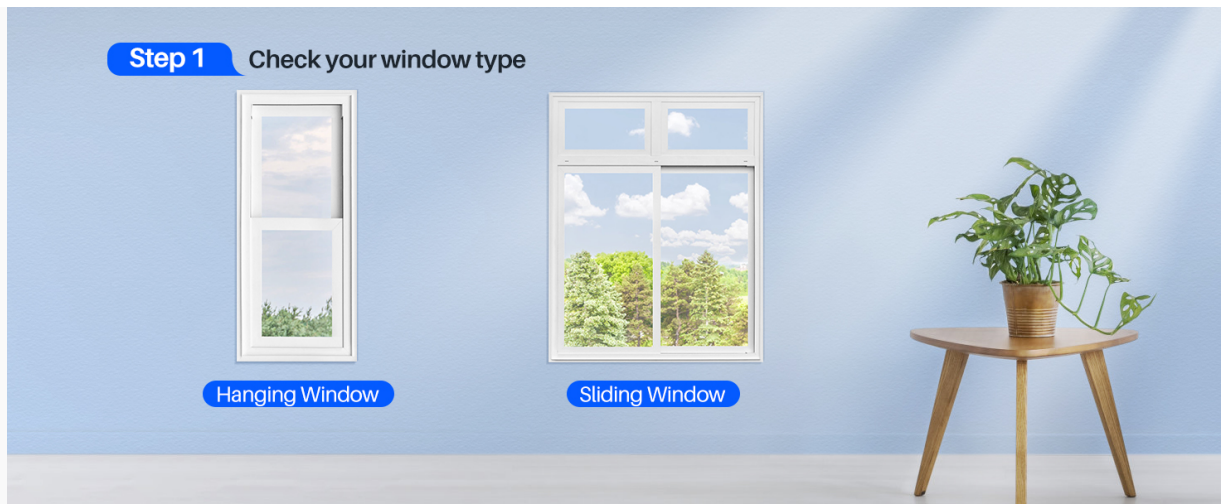


Figure 3.1: Compatible Window Types

Step 1: Measure your window. The window kit is adjustable for window openings between 26 inches and 50 inches.

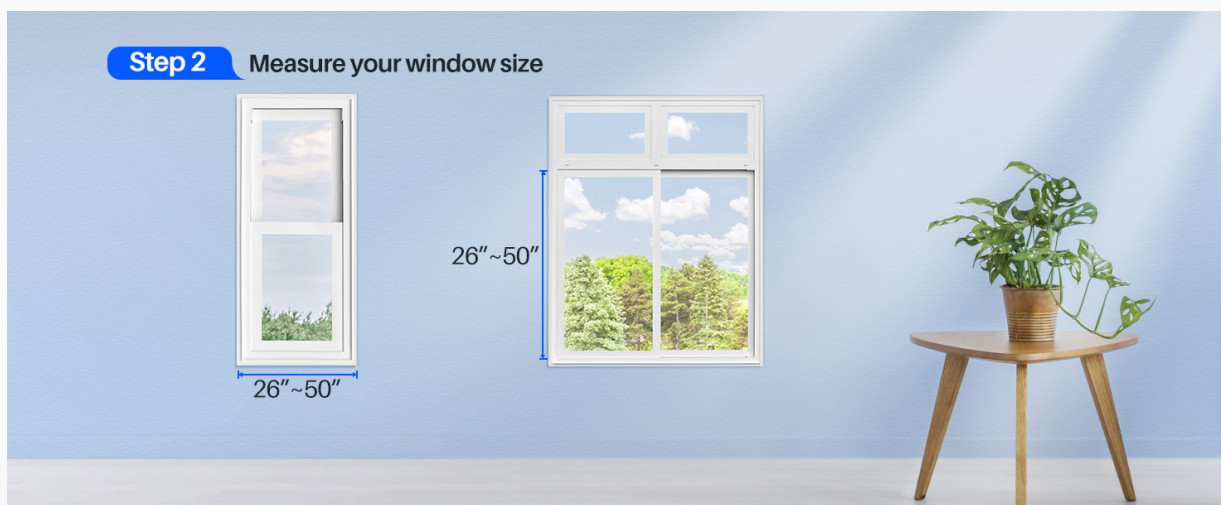


Figure 3.2: Window Measurement Guide

Step 2: Assemble the window seal plate. Adjust the sliding panels to fit your window opening and secure them.

Step 3: Install the window kit. Place the assembled window seal plate into the window opening and close the window to secure it.



Figure 3.3: Unit with Window Kit and Exhaust Hose

3.3 Exhaust Hose Connection

Connect the exhaust hose to the unit and the window seal plate to vent hot air outside.

- Attach the hose adapter to one end of the exhaust hose.
- Twist the adapter end of the hose into the exhaust outlet on the back of the air conditioner unit.
- Attach the other end of the exhaust hose to the opening in the window seal plate.



Figure 3.4: Installation Kit Components

3.4 Placement Considerations

For optimal performance, ensure adequate clearance around the unit.



Figure 3.5: Minimum Clearance Requirement (Min 19.7 inches)

4. Operating Instructions

4.1 Powering On/Off

Press the **POWER** button on the control panel or remote control to turn the unit on or off.

4.2 Mode Selection

Press the **MODE** button to cycle through the available operating modes: Cool, Dehumidify, and Fan.

- **Cool Mode:** Provides cooling for the room. Set your desired temperature.
- **Dehumidify Mode:** Removes excess moisture from the air. The unit will operate as a dehumidifier.
- **Fan Mode:** Circulates air without cooling.

Remove Extra Moisture



Figure 4.1: Dehumidifier Mode Operation

4.3 Temperature Adjustment

In Cool Mode, use the **UP** and **DOWN** arrow buttons to set the desired temperature. The temperature range is typically 62°F to 86°F (17°C to 30°C).

4.4 Fan Speed Control

Press the **SPEED** button to select between Low and High fan speeds.



Figure 4.2: Fan Speed Indicator

4.5 Timer Function

The 24-hour timer allows you to program the unit to turn on or off automatically.

- **To set Auto-Off:** With the unit running, press the **TIMER** button. Use the **UP** and **DOWN** buttons to set the desired delay time (1-24 hours) before the unit turns off.
- **To set Auto-On:** With the unit off, press the **TIMER** button. Use the **UP** and **DOWN** buttons to set the desired delay time (1-24 hours) before the unit turns on.



Figure 4.3: Timer and Sleep Mode Features

4.6 Sleep Mode

Press the **SLEEP** button to activate Sleep Mode. In this mode, the unit operates quietly and gradually adjusts the temperature for comfortable sleep.

4.7 °C/°F Switch

Press the °C/°F button (if available on your model) to switch the temperature display between Celsius and Fahrenheit.

5. Maintenance

5.1 Cleaning the Air Filter

Regular cleaning of the air filter is essential for efficient operation. Clean the filter every two weeks or more frequently depending on usage.

- Unplug the air conditioner from the power outlet.
- Remove the filter from the back of the unit.
- Wash the filter with warm, soapy water. Rinse thoroughly.

- Allow the filter to air dry completely before reinstalling.

Washable Air Filter

Effectively filters the incoming wind, brings fresh and clean air



Figure 5.1: Washable Air Filter

5.2 Draining Water (Dehumidifier Mode)

When operating in Dehumidify mode, the unit will collect water. The unit has a 'Water Full Alarm' indicator. When the internal water tank is full, the unit will stop operating and display an alarm. You will need to drain the collected water.

- Unplug the unit.
- Place a shallow pan or bucket under the drain port at the bottom rear of the unit.
- Remove the drain plug to allow water to flow out.
- Once drained, replace the drain plug securely.

5.3 Storage

Before storing the unit for an extended period:

- Drain all collected water from the unit.
- Clean the air filter.
- Run the unit in Fan mode for a few hours to dry the internal components.

- Unplug the power cord and wrap it neatly.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

6. Troubleshooting

Refer to the table below for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not plugged in; Circuit breaker tripped.	Ensure unit is plugged in; Check circuit breaker; Test power outlet.
Unit cools insufficiently	Air filter dirty; Room too large; Doors/windows open; Exhaust hose not properly installed.	Clean air filter; Ensure room size is within specifications; Close doors/windows; Check exhaust hose connection.
Unit is noisy	Unit not on a level surface; Air filter dirty.	Place unit on a flat, stable surface; Clean air filter.
Water leakage	Drain plug loose; Unit tilted.	Secure drain plug; Ensure unit is level.
Remote control not working	Batteries dead; Obstruction between remote and unit.	Replace batteries; Remove any obstructions.

7. Specifications

Technical details for the Rintuf Portable Air Conditioner Model A5407-8K.

Feature	Specification
Model Number	A5407-8K (5407CE-8K)
Cooling Capacity	8000 BTU
Coverage Area	Up to 350 Sq.Ft
Product Dimensions (D x W x H)	15.87 x 13.19 x 34.88 inches
Item Weight	50.5 pounds
Noise Level	52 dB
Voltage	115 Volts (AC)
Wattage	782 watts
Refrigerant	R 410A
Filter Type	Activated Carbon Filter
Special Features	Dehumidifier, Energy Efficient, Portable

8. Warranty and Customer Support

Rintuf products are designed for reliability and performance. For warranty information, technical assistance, or customer support, please refer to the contact details provided on your product packaging or the official Rintuf website. Please have your model number (A5407-8K) and purchase date available when contacting support.