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› Rintuf Portable Air Conditioner A011D2 User Manual

Rintuf A011D2

Rintuf Portable Air Conditioner A011D2 User Manual

Model: A011D2

Introduction	Safety Information	Package Contents	Product Features	Setup & Installation
Operating Instructions	Maintenance	Troubleshooting	Specifications	Warranty & Support

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Rintuf Portable Air Conditioner, Model A011D2. Please read these instructions thoroughly before use and retain them for future reference.



Image 1.1: Rintuf Portable Air Conditioner A011D2 unit with remote control and ice cubes, illustrating cooling function.

The Rintuf A011D2 is a versatile 4-in-1 unit designed for rooms up to 70m³, offering cooling, dehumidification, fan, and sleep modes. It features a 9000 BTU (2.6 kW) cooling capacity, a 24-hour timer, and operates with the natural refrigerant R290.

2. SAFETY INFORMATION

WARNING: Read all safety warnings and instructions before using this appliance. Failure to follow the warnings and instructions may result in electric shock, fire, or serious injury.

- **Refrigerant Safety:** This appliance contains R290 refrigerant, which is flammable. Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer. The appliance shall be stored in a room without continuously operating ignition sources (e.g., open flames, an operating gas appliance, or an operating electric heater). Do not pierce or burn. Be aware that refrigerants may not contain an odor.
- **Electrical Safety:** Ensure the power supply matches the voltage specified on the unit. Do not operate the unit with a damaged cord or plug. Do not share the power outlet with other appliances. Always plug into a grounded outlet.
- **Placement:** Place the unit on a flat, stable surface. Maintain a minimum distance of 20 cm (8 inches)

from walls and other objects to ensure proper airflow. Do not block air inlets or outlets.

- **Ventilation:** The exhaust hose must be properly installed to vent hot air outside. Improper ventilation can lead to reduced cooling efficiency and potential overheating.
- **Water Drainage:** Ensure proper drainage of condensed water, especially during dehumidification mode, to prevent water overflow.
- **Children and Pets:** Keep children and pets away from the unit. 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.
- **Cleaning and Maintenance:** Always unplug the unit before cleaning or performing any maintenance. Use a soft, damp cloth for cleaning. Do not use harsh chemicals or abrasive cleaners.

3. PACKAGE CONTENTS

Carefully unpack your Rintuf Portable Air Conditioner and check that all items are present and in good condition. If any items are missing or damaged, contact your retailer.

- Rintuf Portable Air Conditioner Unit
- Exhaust Hose
- Window Sealing Kit (adjustable window slider, hose adapter, exhaust hose connector)
- Remote Control (batteries not included)
- Drain Hose
- User Manual (this document)

Eficiente y Cómodo



Image 3.1: Diagram showing the internal components and airflow of the Rintuf Portable Air Conditioner, highlighting automatic water circulation, automatic defrosting, auto-off when tank is full, and removable filter.

4. PRODUCT FEATURES

- **4-in-1 Functionality:** Offers Cooling, Dehumidifier, Fan, and Sleep modes for versatile climate control.
- **Powerful Cooling:** 9000 BTU (2.6 kW) cooling capacity with an airflow of 330 m³/h, suitable for rooms up to 70m³.
- **Efficient Dehumidification:** Capable of removing up to 60L of moisture per day, aiding in drying and mold prevention.
- **Quiet Operation:** Designed to operate at a noise level of ≤ 65 dB, providing a comfortable environment.
- **Portability:** Equipped with four universal wheels and a compact design (35x34x70cm) for easy movement between rooms.
- **Energy Efficiency:** Uses natural R290 refrigerant with zero ozone depletion potential and an A-class energy efficiency rating.
- **User-Friendly Controls:** Features a control panel on the unit and a remote control for convenient operation, including adjustable fan speeds and temperature settings.

- **24-Hour Timer:** Allows for scheduled operation, helping to save energy and enhance convenience.
- **Automatic Functions:** Includes automatic water circulation, automatic defrosting, and an automatic shut-off when the water tank is full.



Image 4.1: The Rintuf Portable Air Conditioner effectively cooling a living room, demonstrating its powerful cooling capability (9000 BTU, 2.6 kW, 330 m³/h airflow, adjustable 16°C to 32°C).

5. SETUP & INSTALLATION

Follow these steps for quick and easy installation. No special tools are required.

1. **Connect Exhaust Hose Accessory:** Attach the accessory to one end of the exhaust hose.
2. **Connect Window Adapter:** Attach the window adapter to the other end of the exhaust hose.
3. **Connect Exhaust Hose to Window Kit:** Connect the assembled exhaust hose to the window sealing kit.
4. **Install Window Sealing Kit:** Extend the adjustable window sealing kit to fit your window opening. Ensure it is securely placed to prevent air leakage. This kit is primarily designed for sliding windows.
5. **Connect Hose to AC Unit:** Connect the exhaust hose to the designated outlet on the back of the air conditioner unit.
6. **Connect Drain Hose (Optional):** For continuous drainage, especially in dehumidifier mode, connect

the drain hose to the drainage port at the bottom of the unit and direct it to a suitable drain or container.



Image 5.1: Visual guide for the six-step installation process of the Rintuf Portable Air Conditioner, showing how to connect the exhaust hose, window adapter, window kit, and drain hose.

Important: Ensure the exhaust hose is as short and straight as possible to maximize cooling efficiency. Avoid kinks or sharp bends in the hose.

6. OPERATING INSTRUCTIONS

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

6.1 Control Panel

The control panel features buttons for Power, Mode, Speed, Timer, and Temperature adjustment (Up/Down arrows). An LED display shows the current temperature or timer setting.



Image 6.1: Close-up of the Rintuf Portable Air Conditioner's control panel and remote control, illustrating available functions and settings.

6.2 Remote Control

The remote control provides full functionality from a distance. Insert two AAA batteries (not included) into the remote control before use.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through Cooling, Dehumidifier, Fan, and Sleep modes.
- **Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Up/Down Arrows:** Adjusts the desired temperature in Cooling mode or sets the timer.
- **Timer Button:** Activates and sets the 24-hour timer.

6.3 Operating Modes

- **Cooling Mode:** Select this mode for active cooling. Use the Up/Down arrows to set your desired temperature. The unit will cool until the set temperature is reached.
- **Dehumidifier Mode:** This mode removes excess moisture from the air. The fan speed is typically fixed in this mode. Ensure the drain hose is connected for continuous drainage.
- **Fan Mode:** Circulates air without cooling. Use the Speed button to select your preferred fan speed.
- **Sleep Mode:** Designed for quiet operation during sleep. The unit will gradually increase the set temperature by 1°C after the first hour and another 1°C after the second hour, then maintain this temperature for 6 hours before returning to normal operation. Fan speed is typically set to low.

6.4 Timer Function

The 24-hour timer allows you to program the unit to turn ON or OFF automatically after a set period.

- **To Set Auto-OFF:** With the unit ON, press the Timer button. Use the Up/Down arrows to select the desired number of hours (1-24) until the unit turns off.
- **To Set Auto-ON:** With the unit OFF, press the Timer button. Use the Up/Down arrows to select the desired number of hours (1-24) until the unit turns on.



Image 6.2: Illustration of the 24-hour timer function, showing the power button icon within a clock face, indicating scheduled operation.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner.

7.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks, or more frequently depending on usage and air quality.

1. Unplug the air conditioner from the power outlet.
2. Locate and remove the air filter from the back or side of the unit (refer to your unit's specific design).
3. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not expose to direct sunlight.
4. Reinstall the dry filter into the unit.



Image 7.1: The removable air filter of the Rintuf Portable Air Conditioner, shown being taken out for cleaning, indicating its role in trapping dust and particles.

7.2 Draining Condensed Water

The unit has an automatic water circulation system, but in high humidity conditions or during dehumidifier mode, the internal water tank may fill up. The unit will automatically shut off when the tank is full.

- Unplug the unit.
- Place a shallow pan or tray under the drainage port at the bottom of the unit.
- Remove the drain plug to allow water to flow out.
- Once drained, replace the drain plug securely.
- For continuous drainage, connect the provided drain hose as described in the Setup section.

7.3 Storage

If storing the unit for an extended period:

- Drain all condensed water completely.
- Clean the air filter.
- Run the unit in fan-only mode for a few hours to dry the internal components.
- Unplug the unit and coil the power cord.
- Store the unit in a cool, dry place, preferably in its original packaging.

8. TROUBLESHOOTING

Before contacting customer support, please refer to the following table for common issues and solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power cord unplugged; Full water tank; Timer set.	Check power outlet and plug; Empty water tank; Cancel timer setting.

Problem	Possible Cause	Solution
Unit does not cool effectively.	Windows/doors open; Room too large; Air filter dirty; Exhaust hose blocked/kinked; Temperature setting too high.	Close windows/doors; Ensure room size is within specifications; Clean air filter; Check and clear exhaust hose; Lower temperature setting.
Unit is noisy.	Unit not on a flat surface; Air filter dirty; Internal components vibrating.	Place on a flat, stable surface; Clean air filter; This unit operates at ≤ 65 dB, which is normal for portable air conditioners.
Water leakage.	Drain plug loose; Drain hose not properly connected or blocked.	Ensure drain plug is secure; Check drain hose connection and clear any blockages.
Remote control not working.	Batteries dead or incorrectly inserted; Remote out of range.	Replace batteries; Ensure correct polarity; Use remote within 1 meter of the unit.

9. SPECIFICATIONS

Feature	Detail
Model Number	A011D2
Cooling Capacity	9000 BTU / 2.6 kW
Airflow	330 m ³ /h
Dehumidification Capacity	60 L/day (at 80% RH)
Recommended Room Size	Up to 70 m ³
Noise Level	≤ 65 dB
Refrigerant	R290 (Natural Refrigerant)
Energy Efficiency Rating	Class A (BEE 5 Star)
Voltage	220 Volts
Dimensions (D x W x H)	34 x 35 x 70 cm
Weight	24 kg

10. WARRANTY & SUPPORT

Rintuf products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact Rintuf customer service or your local distributor. Contact details can typically be found on the Rintuf official website or on your purchase documentation.

Manufacturer: Nantong Ningpu Electrical Appliance Co.,Ltd

