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› ROVSUN 12000 BTU Window Air Conditioner with Heat User Manual

## ROVSUN 12000BTU-AC & Heater-230V

# ROVSUN 12000 BTU Window Air Conditioner with Heat

Model: 12000BTU-AC & Heater-230V

Brand: ROVSUN

## INTRODUCTION

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The ROVSUN 12000 BTU Window Air Conditioner with Heat is an all-season climate control solution designed for rooms up to 550 square feet. This versatile unit combines air conditioning, heating, dehumidifier, and fan functions to provide optimal comfort in your home, office, or apartment.

Key features include an LED display, multiple operating modes (Heat, Auto, Cool, Dry, Fan), three fan speeds (Auto/H/M/L), a 24-hour timer, and an ECO energy-saver mode. For added convenience, the unit is Wi-Fi enabled and supports voice control with Alexa and Google Assistant, allowing you to adjust settings remotely.



Figure 1: The ROVSUN 12000 BTU Window Air Conditioner unit, accompanied by its remote control and a smartphone displaying the control app.

Your browser does not support the video tag.

Video 1: Official product overview of the ROVSUN Window Air Conditioner with Heater, showcasing its features and design.

## IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before installing and operating your air conditioner. Keep this manual for future reference.

- Always ensure the unit is connected to a properly grounded power outlet. This model requires a 208/230V power supply.
- Do not operate the unit with a damaged power cord or plug. If the cord is damaged, it must be replaced by a qualified service person.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Keep flammable materials away from the unit.

- Ensure proper ventilation around the unit to prevent overheating.
- 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.



Figure 2: Detail of the power plug, which is a NEMA 5-20P type, requiring a compatible 208/230V outlet. Ensure your electrical system supports this plug type before installation.

## INSTALLATION GUIDE

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The ROVSUN 12000 BTU Window Air Conditioner comes with an easy installation kit, including side panels and all necessary mounting accessories. It is designed for double-hung windows with a width between 26 and 36 inches and a minimum height of 16 inches.

1. Carefully unpack the unit and all components.
2. Prepare the window opening, ensuring it meets the specified dimensions.
3. Install the mounting brackets and support frame according to the detailed instructions provided in the included manual.
4. Slide the air conditioner unit into the prepared window opening, ensuring it is level and securely seated.
5. Extend and secure the side panels to seal the window opening.
6. Apply any included foam insulation to prevent air leaks.
7. Plug the unit into a compatible 208/230V electrical outlet.



## EASY INSTALLATION WITH INCLUDED KIT

All mounting accessories included . This AC is suitable for double hung windows 26-36" wide and minimum 16" high



Figure 3: Visual guide for window dimensions and the easy installation process using the provided kit.

## SMART CONTROL SETUP (APP & VOICE)

This ROVSUN air conditioner offers convenient control via a smartphone app and voice commands through Alexa or Google Assistant. Follow these steps to set up smart control:

1. **Download the App:** Search for "SmartLife-SmartHome" in your smartphone's app store (Google Play Store for Android or Apple App Store for iOS) and install it.
2. **Register/Login:** Open the app and register a new account or log in with an existing one. You may need to agree to privacy policies and verify your email.
3. **Add Device:** In the app, tap the "+" icon or "Add Device" to begin the pairing process. Select "Window Type Air Conditioner" from the list of appliance types.
4. **Connect to Wi-Fi:** Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network. Input your Wi-Fi password into the app. Note: 5GHz Wi-Fi networks are not supported for initial setup.

5. **Reset Device (CF Mode):** To put the unit into pairing mode, press the "DISPLAY" button on the remote control 6 times within 6 seconds until "CF" appears on the unit's LCD screen. This indicates the unit is ready for quick connection.
6. **Confirm Blinking:** In the app, confirm that the "CF" indicator on the unit is blinking, then proceed to the next step in the app.
7. **Pairing:** The app will search for and connect to your air conditioner. Once connected, you can control the unit from your smartphone.
8. **Voice Assistant Integration:** To enable voice control, link your "SmartLife-SmartHome" account within the Alexa or Google Assistant app settings. Follow the on-screen prompts to authorize the connection.

## FEEL THE SMART CONTROL OF MODERN APPLIANCE

choose the way you want to use it



Figure 4: Seamless integration with smart home ecosystems for convenient control.

## OPERATING INSTRUCTIONS

Your ROVSUN air conditioner offers various modes and settings for personalized comfort. You can control the unit

using the control panel on the unit, the included remote control, or the smartphone app.

## Control Panel & Remote Functions:

- **Power:** Turns the unit ON or OFF.
- **Mode:** Cycle through operating modes:
  - **Cool:** Provides cooling. Adjust temperature with Up/Down arrows.
  - **Heat:** Provides heating. Adjust temperature with Up/Down arrows.
  - **Dry (Dehumidifier):** Removes moisture from the air.
  - **Fan:** Circulates air without heating or cooling.
  - **Auto:** Automatically selects cooling or heating based on the set temperature and room temperature.
- **Fan Speed:** Adjust fan speed (Auto, High, Medium, Low).
- **Timer:** Set a 24-hour timer for automatic ON/OFF operation.
- **ECO Mode:** Activates energy-saving mode for efficient operation.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep.
- **Display:** Toggles the LED display on the unit.

## CONSIDERATE FEATURES



4 Fan Speeds



0.5-24H Timer



Precise Temp Control



ECO Mode



Washable Filter



Figure 5: The unit's control panel with various function buttons.

### **Airflow Adjustment:**

The swing button adjusts the louvers to direct the airflow, ensuring even distribution of conditioned air throughout the room.

# 4-IN-1

## MULTIFUNCTIONAL DESIGN

perfect for all seasons needs



Fan



Heater



Dehumidifier



Air Conditioner



Figure 6: The unit's versatile 4-in-1 functionality for year-round comfort.

# FAST COOLING & HEATING

**12000 BTU**

**11000/9000 BTU**

🏠 **550SQ.FT**

Application area up  
to 550sq.ft



Figure 7: Fast cooling and heating for spaces up to 550 square feet.



Figure 8: Enjoy quiet operation for undisturbed rest.

## MAINTENANCE

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

### Cleaning the Washable Filter:

The washable filter is easily accessed from the front panel for regular cleaning. A clean filter helps maintain peak performance and air quality.

1. Turn off and unplug the unit before cleaning.
2. Open the front panel of the unit.
3. Carefully remove the air filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.

5. Allow the filter to air dry completely before reinserting it into the unit.
6. Close the front panel.

It is recommended to clean the filter every two weeks, or more frequently depending on usage and air quality.

## TROUBLESHOOTING

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If you encounter issues with your ROVSUN air conditioner, please refer to the following common troubleshooting tips. For more complex problems, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, tripped circuit breaker, loose plug.	Check power connection, reset circuit breaker, ensure plug is fully inserted.
Unit not cooling/heating effectively.	Dirty air filter, blocked air vents, room too large, open windows/doors.	Clean air filter, clear obstructions, ensure room size is within specifications, close windows/doors.
Unit is noisy.	Loose parts, unit not level, foreign object inside.	Check for loose parts, ensure unit is level, inspect for foreign objects.
Wi-Fi connection issues.	Incorrect Wi-Fi password, 5GHz network, unit not in pairing mode.	Verify password, ensure 2.4GHz network, follow "CF mode" reset instructions.

## PRODUCT SPECIFICATIONS

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**Brand:** ROVSUN

**Model Info:** ROVSUN 12000 BTU Window Air Conditioner

**Model Number:** Window AC & Heater-12K

**Product Dimensions:** 24.02"D x 19.76"W x 15.16"H

**Installation Type:** Window

**Form Factor:** Window

**Special Features:** Remote Controlled, WiFi Enabled, Heating And Cooling Function

**Heating Elements:** 2

**Color:** White

**Voltage:** 230 Volts

**Wattage:** 8124 watts

**Floor Area Coverage:** 550 Square Feet

**Refrigerant:** R-32

**Filter Type:** Pre-Filter or Basic Particle Filter

**Power Source:** Corded Electric

**Seasonal Energy Efficiency Ratio (SEER):** 12.0



Figure 9: Unit dimensions and energy efficiency information.

## WARRANTY AND SUPPORT

ROVSUN provides a 1-year warranty on this air conditioning unit. We are committed to ensuring your satisfaction and providing the best shopping experience.

For any product inquiries, technical assistance, or warranty claims, please contact ROVSUN customer service. You can find contact information on the official ROVSUN store page or through your purchase platform.

**Return Policy:** This product typically has a 30-day refund/replacement return policy from the date of purchase. Please refer to your retailer's specific return policy for details.

### Seller Information:

**Seller Name:** ROVSUN

**Seller Link:** [View Seller Profile](#)

