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› [Rosewill Portable Air Conditioner 12,000 BTU, 4-in-1: AC, Fan, Dehumidifier & Heater, Remote Control, Self-Evaporation, Up to 300 Sq.Ft., White - \(RHPA-18003\) User Manual](#)

### Rosewill RHPA-18003

## Rosewill Portable Air Conditioner

### USER MANUAL - MODEL RHPA-18003





Front view of the Rosewill RHPA-18003 Portable Air Conditioner, showcasing its sleek white design and digital display.

## 1. Introduction

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Thank you for choosing the Rosewill RHPA-18003 Portable Air Conditioner. This versatile 4-in-1 unit provides cooling, heating, dehumidifying, and fan functions, designed to offer comfort in spaces up to 300 square feet. Its compact design, remote control, and intelligent features like Sleep Mode and a 24-hour timer make it an efficient and convenient solution for your home or office.

Please read this manual thoroughly before operating the appliance to ensure proper use, maintenance, and safety.

## 2. Safety Information

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- Always place the unit on a flat, stable surface.
- Ensure proper ventilation around the unit. Maintain at least 20 inches (50 cm) of clearance from walls and other objects.
- Do not block air inlets or outlets.
- Use only the power supply specified on the rating label.
- The unit is equipped with an LCDI (Leakage-Current Detection and Interruption) plug to reduce the risk of fire. Do not tamper with or attempt to repair this plug.
- Unplug the unit before cleaning or performing any maintenance.
- Keep children and pets away from the unit during operation.

## 3. Product Components

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The Rosewill RHPA-18003 comes with the following components:

- Portable Air Conditioner Unit
- Exhaust Heat Pipe Assembly

- Remote Control
- Window Sealing Plate Assembly
- Washer, Screw, Nut (for assembly)

#### A. Exhaust Heat Pipe Assembly

#### B. Remote Control

#### C. Washer, Screw, Nut

#### D. Window Sealing Plate Assembly



Illustration of the main components included with the portable air conditioner: Exhaust Heat Pipe Assembly, Remote Control, Washer/Screw/Nut, and Window Sealing Plate Assembly.

## 4. Setup and Installation

Follow these steps for initial setup:

1. **Positioning the Unit:** Place the air conditioner on a firm, level surface near a window. Ensure there is at least 20 inches (50 cm) of space around the unit for proper airflow.
2. **Installing the Exhaust Hose:**
  - Attach one end of the exhaust heat pipe assembly to the air outlet on the back of the unit.
  - Extend the exhaust hose and attach the other end to the window sealing plate assembly.
3. **Window Kit Installation:**
  - Open the window and place the window sealing plate assembly into the window opening. Adjust the plate to fit snugly.

- Close the window securely against the plate to seal the opening.



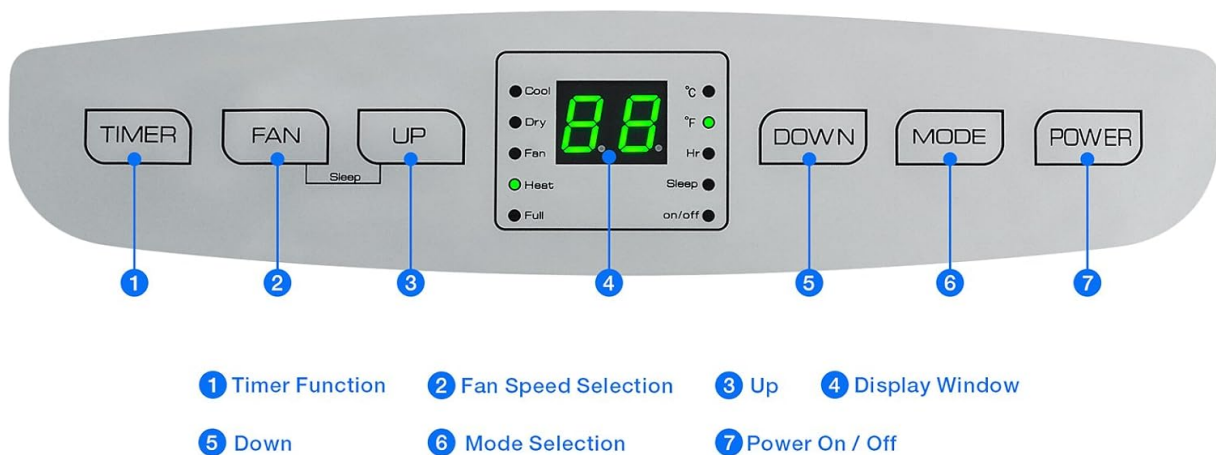
The portable air conditioner with its exhaust hose connected to a window kit, demonstrating proper setup for air ventilation.

4. **Power Connection:** Plug the LCDI power cord into a grounded electrical outlet.

## 5. Operating Instructions

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

### Control Panel Overview












Detailed view of the control panel with buttons for Timer, Fan, Up, Display Window, Down, Mode, and Power, each numbered for easy identification.

1. **POWER Button:** Press to turn the unit ON or OFF.
2. **MODE Button:** Press to cycle through operating modes: Cool (AC), Fan, Dry (Dehumidifier), Heat.
3. **UP/DOWN Buttons:** Adjust temperature settings (in Cool/Heat mode) or timer settings.

4. **FAN Button:** Select fan speed (Low, Medium, High) in Cool or Fan mode.
5. **TIMER Button:** Set the auto-on or auto-off timer (up to 24 hours).

### Remote Control Overview



-  Power
-  Increase Temp
-  Decrease Temp
-  Timer
-  Mode
-  Swing
-  Fan Speed
-  Sleep Mode
-  Temperature

The remote control for the portable air conditioner, showing buttons for Power, Temperature Increase/Decrease, Timer, Mode, Swing, Fan Speed, Sleep Mode, and Temperature unit conversion (°C/°F).

The remote control duplicates most functions of the control panel and adds a **Swing** button for automatic louver movement and a **°C/°F** button to switch temperature units.

### Operating Modes



- **Cool Mode (AC):** Provides cooling. Set desired temperature using UP/DOWN buttons.
- **Fan Mode:** Circulates air without cooling or heating. Select fan speed.
- **Dry Mode (Dehumidifier):** Removes moisture from the air. The fan speed is fixed to low in this mode. Ensure continuous drainage is set up if operating for extended periods.
- **Heat Mode:** Provides heating. Set desired temperature using UP/DOWN buttons.

## Special Functions

- **Sleep Mode:** Optimizes temperature and fan speed for comfortable sleep while conserving energy.
- **3-Minute Delay Booting:** To protect the compressor, the unit will not start immediately after being turned off or if the power is interrupted. There is a 3-minute delay before the compressor restarts. This is normal operation.

## 6. Maintenance

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Regular maintenance ensures optimal performance and extends the life of your unit.

### Cleaning the Air Filter

The unit features washable dust filters (Coated Net Filter, Activated Carbon, Pre-Filter) that trap dirt and debris. Clean the filters every two weeks or more frequently depending on usage and air quality.

1. Unplug the unit from the power outlet.
2. Locate the air filter panel on the side/back of the unit.
3. Remove the filter by gently pulling it out.
4. Wash the filter under running water (warm, not hot) or use a vacuum cleaner to remove dust. For heavily soiled filters, a mild detergent can be used.
5. Allow the filter to air dry completely before reinserting it into the unit. Do not expose to direct sunlight.



Side view of the Rosewill portable air conditioner showing the removable air filter for cleaning.

## Draining Water

In Dehumidifier mode or high humidity conditions, water will accumulate in the internal reservoir. The unit has a self-evaporating system, but manual drainage may be required if the 'Full' indicator lights up.

1. Turn off and unplug the unit.
2. Place a shallow pan or tray under the drainage port at the bottom rear of the unit.
3. Remove the drain plug to allow water to flow out.
4. Once drained, replace the drain plug securely.

## Storage

If storing the unit for an extended period:

- Drain all accumulated water.
- Clean the air filters.
- Unplug the power cord and coil it neatly.
- Store the unit in a dry, cool place, away from direct sunlight and extreme temperatures.

7. Troubleshooting

| Problem                              | Possible Cause   | Solution   |
|--------------------------------------|--|--|
| Unit does not turn on.               | No power; LCDI plug tripped; Timer is set.   | Check power outlet; Reset LCDI plug; Cancel timer setting.   |
| Unit does not cool/heat effectively. | Air filter dirty; Room too large; Exhaust hose not properly installed; Doors/windows open. | Clean air filter; Ensure room size is within specifications; Check exhaust hose connection; Close all doors and windows. |
| Water leakage.                       | Drain plug loose; Unit not level; Internal reservoir full.                                 | Secure drain plug; Place unit on a level surface; Drain water from the unit.   |
| Noisy operation.                     | Unit not on a level surface; Obstruction in fan.   | Ensure unit is level; Check for and remove any obstructions.   |

If the problem persists after attempting these solutions, please contact customer support.

8. Specifications

| Feature                | Specification                                    |
|------------------------|--|
| Model                  | RHPA-18003                                       |
| Functions              | Cooling, Heating, Fan, Dehumidifying             |
| Cooling Power          | 12,000 BTU                                       |
| Coverage Area          | Up to 300 Sq.Ft.                                 |
| Noise Level            | 56 dB  |
| Voltage                | 115 Volts  |
| Dimensions (H x W x D) | 34.70" x 18.90" x 15.80"                         |
| Unit Weight            | 73.00 lbs (71.4 pounds listed in specifications) |
| Timer                  | 24 Hours   |
| Fan Speeds             | 3  |
| Energy Efficiency      | Energy Star Certified, SEER 7.00                 |

9. Warranty and Support



## Warranty Information

This Rosewill RHPA-18003 Portable Air Conditioner comes with a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the warranty card included with your product or contact Rosewill customer support.





## Customer Support

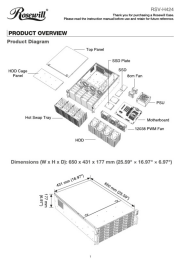
For technical assistance, troubleshooting, or warranty claims, please contact Rosewill customer support. You may also find additional resources and FAQs on the official Rosewill website.

For a digital copy of the user manual, you can refer to the PDF document available at [Rosewill RHPA-18003 User Manual PDF](#)

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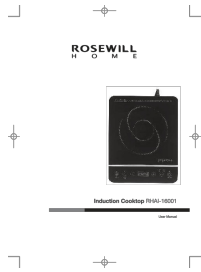
## Related Documents - RHPA-18003

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|---|--|
|  <p>Portable Air Conditioner<br/>4-in-1 12000 BTU<br/>RHPA-18003</p>            | <p><a href="#">Rosewill RHPA-18003 Portable Air Conditioner User Manual</a></p> <p>User manual for the Rosewill RHPA-18003 4-in-1 12000 BTU Portable Air Conditioner, covering specifications, features, installation, operation, maintenance, safety, and troubleshooting.</p>  |
|  <p>Portable Air Conditioner<br/>4-in-1 12000 BTU<br/>RHPA-18003</p>           | <p><a href="#">Rosewill RHPA-18003 Portable Air Conditioner User Manual</a></p> <p>User manual for the Rosewill RHPA-18003 4-in-1 Portable Air Conditioner (12000 BTU). This guide provides detailed instructions on installation, operation, maintenance, safety features, and troubleshooting for home use.</p>                            |
|  <p>Electric Water Warmer,<br/>Boiler and Dispenser (4.0 L)<br/>RHAP-16002</p> | <p><a href="#">Rosewill RHAP-16002 Electric Water Warmer, Boiler, and Dispenser User Manual</a></p> <p>User manual for the Rosewill RHAP-16002 Electric Water Warmer, Boiler, and Dispenser with a 4.0 L capacity. Includes safety precautions, product overview, operating instructions, maintenance, and troubleshooting.</p>              |
|  <p>SATAIII PCI-E RAID Controller Card RC-230<br/>User Manual</p>              | <p><a href="#">Rosewill RC-230 SATAIII PCI-E RAID Controller Card User Manual</a></p> <p>User manual for the Rosewill RC-230 SATAIII PCI-E RAID Controller Card, detailing hardware installation, virtual disk creation and management using the BIOS Configuration Wizard, driver installation for Windows and Linux, and RAID support.</p> |



[Rosewill RSV-H424 HDD Cage User Manual](#)

User manual for the Rosewill RSV-H424 HDD Cage, providing product overview and diagram.



[Rosewill RHAI-16001 Induction Cooktop User Manual](#)

User manual for the Rosewill RHAI-16001 Induction Cooktop, covering safety precautions, operating instructions, cookware selection, maintenance, troubleshooting, and product specifications.