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GREE 90160

Gree 8000 BTU Portable Air Conditioner User Manual

Model: 90160

1. INTRODUCTION

Thank you for choosing the Gree 8000 BTU Portable Air Conditioner, Model 90160. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your unit. Please read it thoroughly before use and retain it for future reference.

This portable air conditioner is designed to provide cooling, dehumidification, and fan-only operation for rooms up to 250 square feet. It features an 8000 BTU cooling capacity, energy-efficient operation, and convenient control via a touch panel or remote control.



Image 1.1: Gree 8000 BTU Portable Air Conditioner unit.

This image shows the Gree 8000 BTU Portable Air Conditioner, a white and black unit on wheels, positioned next to a window with its exhaust hose connected to a window kit. The unit is sleek and modern in design.

2. SETUP AND INSTALLATION

Proper setup is crucial for optimal performance and safety. Ensure all components are present and undamaged before proceeding.

2.1 Unpacking

Carefully remove the air conditioner and all accessories from the packaging. Keep the packaging for storage or if the unit needs to be transported. Note that for renewed products, accessories may not be original but are guaranteed to be compatible and fully functional.

2.2 Unit Placement

Place the unit on a flat, stable surface. Ensure there is at least 20 inches (50 cm) of space around the unit for proper airflow. The unit should be positioned near a window for exhaust hose installation and a 120V electrical outlet.

2.3 Window Kit Installation

The window kit is designed to seal the exhaust hose connection to your window, preventing hot air from re-entering the room. The kit includes adjustable panels to fit most standard window sizes.

1. Assemble the window slide kit by adjusting the panels to fit your window opening.
2. Secure the panels in place.
3. Insert the exhaust hose adapter into the opening in the window kit.
4. For best results, apply the provided foam sealing tape around the window kit and window sills to create an airtight seal. This prevents air leakage and improves cooling efficiency.



Image 2.1: Portable Air Conditioner with exhaust hose connected to a window kit.

This image shows the Gree portable air conditioner with its white exhaust hose extending from the back of the unit and connected to a white panel installed in a window frame. The window kit effectively seals the opening.

2.4 Exhaust Hose Connection

Connect the flexible exhaust hose to the unit and to the window kit adapter. Ensure the hose is securely attached at both ends to prevent hot air from escaping into the room. The hose should be as short and straight as possible to maximize efficiency.

2.5 Drainage Setup

The unit collects condensed water during operation. You have two options for water drainage:

- **Internal Tank:** The unit will collect water in an internal tank and automatically stop operation when the tank is full, indicating it needs to be drained manually.
- **Continuous Drainage:** For continuous operation without manual draining, connect a drainage hose (not included) to the designated drainage outlet at the back of the unit. Ensure the hose leads to a suitable container or floor drain, positioned lower than the unit's drainage outlet for gravity flow.

To drain the internal tank, locate the small hose with a plug at the bottom rear of the unit. Place a shallow pan or bucket beneath it, remove the plug, and allow the water to drain. Replace the plug securely after draining.

3. OPERATING INSTRUCTIONS

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

3.1 Control Panel

The control panel is located on the top of the unit and features a digital display and touch buttons for various functions.



Image 3.1: Close-up of the Gree Portable Air Conditioner control panel.

This image displays the top control panel of the Gree portable air conditioner. It features a digital temperature display (showing '75'), indicators for fan speed (Low, Med, High, Auto), and mode (Cool, Dry, Fan). Buttons for Fan, Sleep, On/Off, Timer, and Mode are also visible.

- **ON/OFF:** Press to turn the unit on or off.
- **MODE:** Cycle through Cool, Dry (Dehumidifier), and Fan modes.
- **+/- Buttons:** Adjust the desired temperature in Cool mode or set the timer.
- **FAN:** Select fan speed: Low, Medium, High, or Auto.
- **SLEEP:** Activates sleep mode for quiet, energy-efficient operation.
- **TIMER:** Set a timer for automatic on/off operation.

3.2 Remote Control

The remote control provides convenient access to all functions from a distance. Ensure batteries are installed correctly.

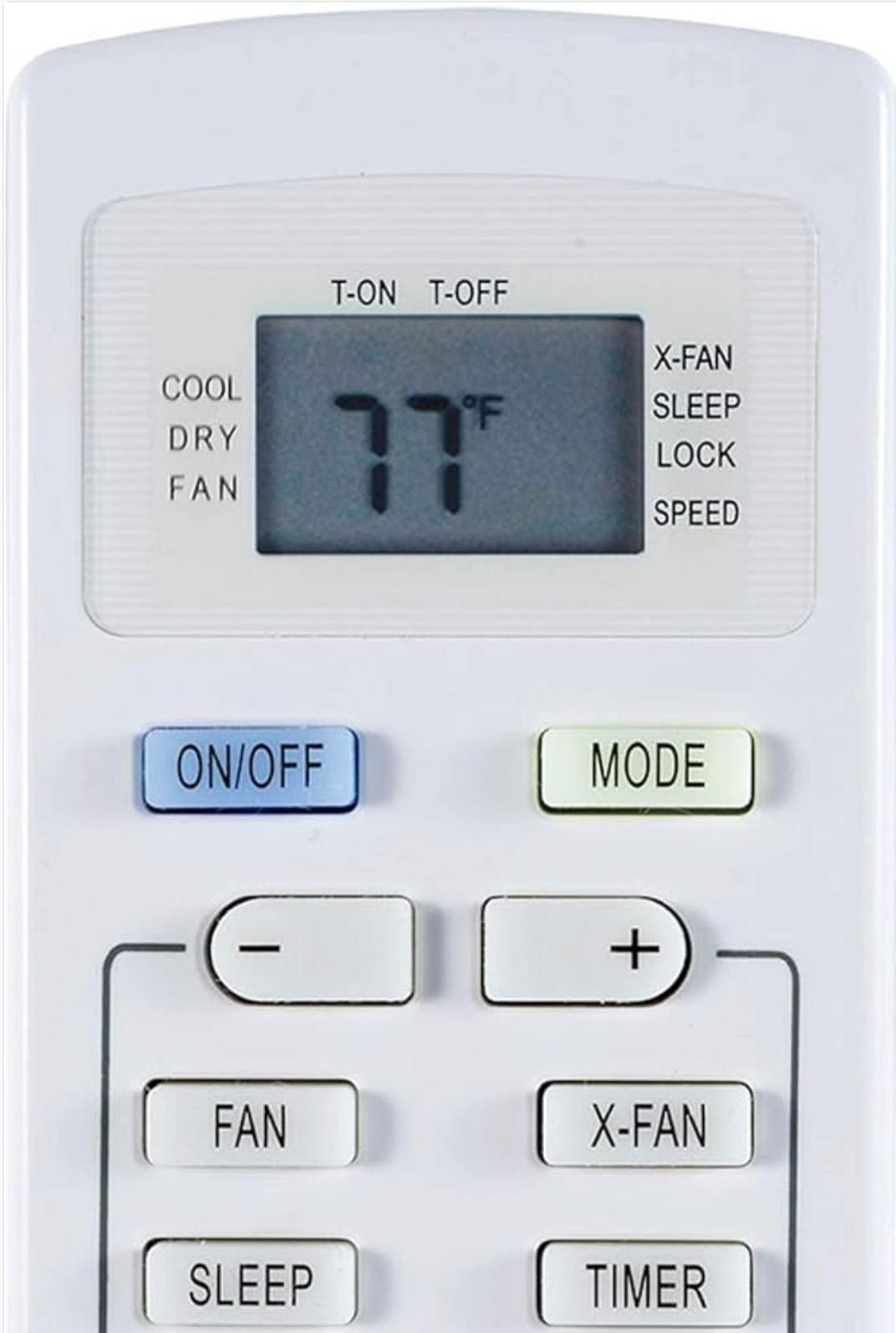




Image 3.2: Gree Portable Air Conditioner remote control.

This image shows the white remote control for the Gree portable air conditioner. It has a small LCD screen displaying temperature (77°F) and mode. Buttons include ON/OFF, MODE, FAN, SLEEP, TIMER, and temperature adjustment (+/-).

The remote control buttons mirror the functions available on the unit's control panel.

3.3 Airflow Adjustment

The unit features dual front air fins that can be manually adjusted to direct the airflow vertically and horizontally, allowing you to customize the cooling direction.

4. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your air conditioner.

4.1 Cleaning the Air Filter

The air filter should be cleaned regularly, typically every two weeks, or more often depending on usage and air quality. A dirty filter can reduce cooling efficiency and airflow.

1. Turn off and unplug the unit before cleaning.
2. Locate the air filter panel, usually at the back or side of the unit.
3. Remove the metal mesh screen prefilter.
4. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinstalling. Do not use harsh chemicals or abrasive cleaners.
5. Reinstall the dry filter into the unit.

4.2 Draining Condensed Water

If you are using the internal tank drainage method, the unit will indicate when it needs to be drained. For continuous drainage, ensure the hose is clear and flowing properly.

1. Turn off and unplug the unit.

2. Position a suitable container (e.g., a bucket or shallow pan) below the drainage outlet at the bottom rear of the unit.
3. Remove the plug from the drainage hose/outlet.
4. Allow all collected water to drain completely.
5. Once drained, securely replace the plug.

5. TROUBLESHOOTING

Before contacting support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, circuit breaker tripped.	Ensure unit is plugged in, check power outlet, reset circuit breaker.
Unit is running but not cooling.	Dirty air filter, exhaust hose not properly installed, room too large, windows/doors open.	Clean air filter, check exhaust hose connection and window seal, ensure room size is within specifications, close all windows and doors.
Water leakage.	Drainage plug loose, continuous drainage hose blocked or improperly installed.	Ensure drainage plug is secure. If using continuous drainage, check hose for kinks or blockages and ensure it is sloped downwards.
Unit is noisy.	Unit not on a level surface, fan obstruction.	Place unit on a flat, stable surface. Check for any obstructions near the fan or air intake/outlet.

6. SPECIFICATIONS

Feature	Detail
Brand	GREE
Model Number	90160
Cooling Power	8000 British Thermal Units (BTU)
Form Factor	Portable
Floor Area Coverage	Up to 250 Square Feet
Voltage	120 Volts
Power Source	Corded Electric
Refrigerant	R 410A
Special Features	Portable, Energy Efficient, Dehumidifier
Control Method	Touch
Controller Type	Remote Control
Item Weight	71.7 Pounds

Feature	Detail
Batteries Required	No (for unit operation, remote requires batteries)

7. WARRANTY INFORMATION

This Gree Portable Air Conditioner is an Amazon Renewed product. It is professionally inspected and tested to work and look like new. Renewed products are eligible for replacement or refund under the [Amazon Renewed Guarantee](#) if you are not satisfied with your purchase.

Please refer to the Amazon Renewed Guarantee terms and conditions for full details regarding coverage and claims.

8. CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty claims related to your Amazon Renewed product, please contact Amazon Customer Service or the Amazon Renewed support team directly.

You can typically find contact information through your Amazon order history or by visiting the Amazon Renewed section of the Amazon website.