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> [GarveeTech 10000 BTU Portable Air Conditioner User Manual \(Model FDP29-2023R3\)](#)

GarveeTech FDP29-2023R3

GarveeTech 10000 BTU Portable Air Conditioner User Manual

Model: FDP29-2023R3

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1. SAFETY INFORMATION

Please read all safety instructions carefully before operating the appliance. Retain this manual for future reference.

- Ensure the unit is placed on a flat, stable surface.
- Do not block air inlets or outlets.
- Only use the appliance with a properly grounded electrical outlet.
- Do not operate the unit with a damaged power cord or plug.
- Keep children and pets away from the unit during operation.
- Unplug the unit before cleaning or performing any maintenance.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.

2. PRODUCT COMPONENTS

Familiarize yourself with the parts included in your GarveeTech Portable Air Conditioner package:



Image 2.1: Overview of the portable air conditioner unit and its installation accessories, including the air exhaust duct, connector, window exhaust adapter, window kit adapter, remote controller, user manual, and drain pipe.

1. Portable Air Conditioner Unit
2. Air Exhaust Duct
3. Connector Of Air Exhaust Duct
4. Window Exhaust Adapter
5. Window Kit Adapter
6. Remote Controller
7. Drain Pipe
8. User Manual (this document)

3. SETUP & INSTALLATION

Follow these steps for proper installation of your portable air conditioner:

3.1 Unpacking

Carefully remove the unit and all accessories from the packaging. Inspect for any shipping damage. Keep packaging materials for storage or if return is necessary.

3.2 Window Kit Installation

1. Assemble the window kit adapter to fit your window opening. The kit is designed for sliding windows.
2. Attach the window exhaust adapter to one end of the air exhaust duct.
3. Connect the other end of the air exhaust duct to the connector on the back of the portable AC unit.
4. Insert the window exhaust adapter into the opening of the assembled window kit.
5. Ensure all connections are secure to prevent air leakage.

Easy Installation



Image 3.1: The portable air conditioner unit with its exhaust pipe correctly installed in a window opening.

3.3 Drain Pipe Connection (Optional for Dehumidification)

For continuous drainage during dehumidification mode, connect the provided drain pipe to the drainage outlet at the back of the unit. Place the other end of the pipe into a suitable drain or container.

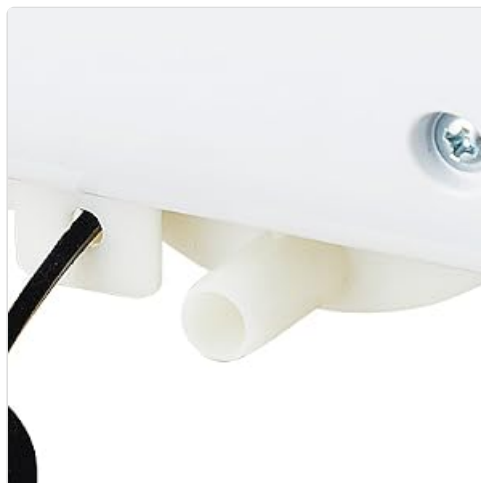


Image 3.2: A close-up view of the drainage outlet, where the drain pipe can be connected for continuous water removal.

3.4 Power Connection

Plug the power cord into a standard 115V/60Hz grounded electrical outlet. Ensure the outlet meets the unit's power requirements.

Your browser does not support the video tag.

Video 3.1: This video demonstrates the general setup and operation of a portable air conditioner, including connecting the exhaust hose and power cord. It provides a visual guide for initial installation steps.

4. OPERATION

Your GarveeTech Portable Air Conditioner offers multiple modes and settings for optimal comfort.

4.1 Control Panel Overview



Image 4.1: The top-mounted control panel featuring buttons for Sleep, Timer, Mode, Speed, Temperature Up/Down, and Power.

- **Power Button:** Turns the unit On or Off.

- **Mode Button:** Cycles through Cool, Dehumidify, and Fan modes.
- **Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Temperature Up/Down Buttons:** Adjusts the desired temperature in Cool mode.
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Sleep Button:** Activates Sleep mode for quieter operation and gradual temperature adjustment.

4.2 Remote Control

The included remote control allows convenient operation from a distance. It replicates all functions available on the main control panel.



Image 4.2: The remote control unit, providing access to all functions of the air conditioner.

4.3 Operating Modes

- **Cool Mode:** Provides cooling to the room. Set your desired temperature using the Up/Down buttons.
- **Dehumidify Mode:** Removes excess moisture from the air. The fan speed is typically fixed in this mode.
- **Fan Mode:** Circulates air without cooling. Fan speed can be adjusted.

4.4 Sleep Mode

Activate Sleep mode for reduced noise levels and energy consumption during nighttime. The unit will gradually adjust the temperature for comfortable sleep.

Sleep Mode Ensure your sleep

Maximum noise does not exceed 50db,
sleep mode 40db will not disturb your sleep at all.

Sleep Mode

Smart Timer

Automatic Shutoff

Noise \leq 50db

25db 45db 65db 85db 100db

Image 4.3: The portable air conditioner operating in Sleep Mode, designed for quiet performance and minimal disturbance.

5. MAINTENANCE

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

5.1 Filter Cleaning

The air filter should be cleaned every two weeks, or more frequently depending on usage and air quality, to maintain efficient operation and fresh air output.

1. Unplug the air conditioner from the power outlet.
2. Locate the air filter panel, typically on the side or back of the unit.

3. Carefully pull out the filter.
4. Wash the filter under running water or use a vacuum cleaner to remove dust and debris.
5. Allow the filter to dry completely before reinserting it into the unit.



Image 5.1: A hand demonstrating the removal of the air filter from the unit for cleaning.



Image 5.2: The air filter being cleaned under running water to remove accumulated dust.

5.2 Drainage

If the internal water tank becomes full, the unit will stop operating and display an error code. Drain the water by removing the drain plug and allowing water to flow into a suitable container. For continuous drainage, refer to Section 3.3.

5.3 Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not plugged in; Full water tank.	Check power connection; Plug in securely; Drain water tank.
Insufficient cooling	Air filter dirty; Exhaust hose blocked or improperly installed; Room too large; Doors/windows open.	Clean air filter; Check exhaust hose for obstructions and proper sealing; Ensure room size is within specifications; Close all doors and windows.
Unit is noisy	Unit not on a level surface; Fan speed too high.	Place unit on a flat, stable surface; Reduce fan speed.
Water leakage	Drain plug loose; Drain pipe not connected properly.	Ensure drain plug is secure; Check drain pipe connection.

7. SPECIFICATIONS

Technical details for the GarveeTech 10000 BTU Portable Air Conditioner (Model FDP29-2023R3):

Feature	Detail
Brand	GarveeTech
Model Name	FDP29-2023R3
Cooling Power	10000 BTU (British Thermal Units)
Cooling Capacity (AHRAE)	10,000 Btu / h
Cooling Capacity (SACC)	6,500 Btu / h
Coverage Area	Up to 450 sq.ft.
Product Dimensions (D x W x H)	11.3" x 11.7" x 27.4"
Item Weight	46 Pounds
Voltage	115V
Wattage	699W
Noise Level	52 Decibels (Sleep Mode: 40 Decibels)
Refrigerant	R-32
Control Method	Remote, Touch
Special Features	Dehumidifier, Dust Filter, Fast Cooling, Remote Controlled, Sleep Mode
Included Components	Portable Air Conditioner, Remote Control, Window Kits, Drain Pipe

8. WARRANTY & SUPPORT

GarveeTech provides a **1-year manufacturer's warranty** for this product. This warranty covers:

- Shipping damage upon arrival.
- Parts failure under normal use.
- Any other functional issues not caused by misuse or improper installation.

For assistance, replacement, or to claim warranty service, please contact our customer service team. Keep your purchase receipt as proof of purchase.