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Garvee FD-8K-1

Garvee 8000 BTU Portable Air Conditioner User Manual

Model: FD-8K-1

1. Introduction

Thank you for choosing the Garvee 8000 BTU Portable Air Conditioner. This appliance is designed to provide cooling, dehumidification, and fan functions for your indoor spaces. Please read this manual thoroughly before installation and operation to ensure proper use and maintenance. Keep this manual for future reference.

2. Safety Information

Important Safety Instructions:

- Read all instructions before using this appliance.
- This appliance is for indoor use only. Do not use outdoors.
- Ensure the power supply matches the voltage specified on the rating label.
- Always plug the unit into a grounded outlet. Do not use extension cords or adapter plugs.
- Do not operate the unit with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Keep the unit at least 20 inches (50 cm) away from walls or other objects to ensure proper airflow.
- Do not insert fingers or objects into the air inlet or outlet.
- Always turn off and unplug the unit before cleaning or performing any maintenance.
- Do not use chemical solvents (e.g., benzene, alcohol, gasoline) to clean 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.

3. Product Overview

3.1 Components Included

The following components are included with your Garvee Portable Air Conditioner:

- Garvee Portable Air Conditioner Unit
- Remote Controller

- Window Exhaust Adapter Kit (includes exhaust hose, window slide kit)
- User Manual

3.2 Key Features

- **3-in-1 Functionality:** Offers Cooling, Dehumidifier, and Fan modes.
- **8000 BTU Cooling Power:** Provides effective cooling for various room sizes.
- **24-Hour Timer:** Allows for scheduled operation.
- **Remote Control:** Convenient operation from a distance.
- **Portable Design:** Equipped with built-in handles and 360° casters for easy movement.
- **Washable Air Filter:** Easy to clean and maintain for optimal performance.

Image: The Garvee Portable AC highlighting its three functions: Cooling, Fan, and Dehumidifying.



Image: Features of the portable design, including adjustable louvers, a washable air filter, built-in handles, and 360-degree casters for mobility.

3.3 Control Panel

The control panel is located on the top of the unit. It allows you to manually adjust settings. A remote control is also provided for convenience.



Image: Detailed view of the control panel, showing buttons for Power, Temperature Up/Down, Mode, Timer, and Fan Speed, along with a digital display.

- **Power Button:** Turns the unit ON or OFF.

- **Temp +/- Buttons:** Adjusts the desired temperature setting.
- **Mode Button:** Cycles through Cool, Dehumidify, and Fan modes.
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High).
- **Digital Display:** Shows current temperature, timer settings, and error codes.

4. Setup and Installation

4.1 Unpacking

Carefully remove the unit and all accessories from the packaging. Retain the packaging for future storage or transport. Inspect the unit for any damage. If damage is found, do not operate and contact customer support.

4.2 Placement

Place the portable air conditioner on a flat, stable surface. Ensure there is at least 20 inches (50 cm) of clear space around the unit for proper air circulation. Do not block the air inlet or outlet.

4.3 Window Kit Installation

The window exhaust adapter kit is essential for exhausting hot air outside when using the cooling or dehumidifying modes. Follow these steps:

1. Assemble the exhaust hose by twisting it onto the window exhaust adapter and the unit's exhaust port.
2. Adjust the window slide kit to fit your window opening. Secure it in place.
3. Insert the window exhaust adapter into the opening of the window slide kit. Ensure a tight seal to prevent hot air from re-entering the room.
4. Extend the exhaust hose as straight as possible to the window kit, avoiding sharp bends or kinks that could restrict airflow.



Image: Illustration of the portable AC unit installed with the window exhaust kit, showing the unit's dimensions (11"D x 13"W x 34.1"H).

5. Operating Instructions

5.1 Powering On/Off

Press the **Power** button on the control panel or remote control to turn the unit ON or OFF.

5.2 Mode Selection

Press the **Mode** button repeatedly to cycle through the available modes:

- **Cool Mode:** Provides cooling. Set your desired temperature using the Temp +/- buttons.
- **Dehumidify Mode:** Removes moisture from the air. The fan will operate at a fixed low speed.
- **Fan Mode:** Circulates air without cooling. Adjust fan speed as desired.

5.3 Temperature Adjustment (Cool Mode Only)

In Cool mode, use the **Temp +** or **Temp -** buttons to set your desired room temperature. The temperature range is typically 62-86°F (17-30°C).

5.4 Fan Speed Adjustment (Cool and Fan Modes)

Press the **Fan Speed** button to select Low, Medium, or High fan speed. In Dehumidify mode, the fan speed is fixed.

5.5 Timer Function

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

- **To set Auto-OFF:** While the unit is ON, press the **Timer** button. Use Temp +/- buttons to set the desired hours (1-24). The unit will turn off after the set time.
- **To set Auto-ON:** While the unit is OFF, press the **Timer** button. Use Temp +/- buttons to set the desired hours (1-24). The unit will turn on after the set time.

5.6 Remote Control Usage

The remote control duplicates all functions of the control panel. Point the remote control directly at the receiver on the unit. Ensure there are no obstructions between the remote and the unit.



Image: A Garvee Portable AC operating in a living room, demonstrating the convenience of remote control operation.

6. Maintenance

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

6.1 Cleaning the Air Filter

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

1. Turn off and unplug the unit.
2. Locate the air filter panel (usually on the back or side of the unit).
3. Remove the filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight.
6. Reinstall the dry filter and close the panel.

6.2 Draining Water

During cooling and dehumidifying operations, water will accumulate inside the unit. The unit has a self-evaporative system, but in high humidity conditions, manual draining may be necessary.

- When the internal water tank is full, the unit may stop operating and display an error code (e.g., "FL").
- Turn off and unplug the unit.
- Place a shallow pan or tray under the drain port (usually at the bottom rear of the unit).
- Remove the drain plug to allow water to flow out.
- Once drained, replace the drain plug securely.

6.3 Storage

If storing the unit for an extended period:

1. Drain all accumulated water from the unit.
2. Clean the air filter.
3. Run the unit in Fan mode for a few hours to dry the interior.
4. Unplug the power cord and wrap it neatly.
5. Store the unit in a cool, dry place, preferably in its original packaging.

7. Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide for common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply Power cord not plugged in Circuit breaker tripped	Check power outlet Ensure cord is securely plugged in Reset circuit breaker
Unit does not cool effectively	Air filter dirty Window kit not properly installed Room too large Doors/windows open Temperature setting too high	Clean air filter Ensure window kit is sealed Use in recommended room size Close all doors and windows Lower temperature setting

Problem	Possible Cause	Solution
Water leakage	Drain plug loose Unit not level Internal water tank full (in high humidity)	Ensure drain plug is secure Place unit on a level surface Drain the unit manually
Noisy operation	Unit not level Obstruction in fan/air outlet	Place unit on a level surface Check for and remove any obstructions
Remote control not working	Batteries dead Obstruction between remote and unit	Replace batteries Remove obstructions, point directly at unit

8. Specifications

Feature	Specification
Brand	Garvee
Model Number	FD-8K-1
Cooling Power (ASHRAE)	8000 BTU
Cooling Power (DOE SACC)	5000 BTU
Functions	Cool, Dehumidify, Fan
Dehumidifier Capacity	26 Liters
Voltage	115 Volts
Wattage	1000 watts
Noise Level	55 Decibels
Refrigerant	R 410A
Product Dimensions (D x W x H)	11 x 13 x 34 inches
Item Weight	40.6 pounds
Included Components	Remote Controller, Window Exhaust Adapter

9. Warranty and Support

Garvee products are manufactured to the highest quality standards. For warranty information or technical support, please refer to the warranty card included with your product or contact Garvee customer service. Please have your model number (FD-8K-1) and purchase date available when contacting support.
For further assistance, please visit the official Garvee website or contact their customer service department directly.

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