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> GarveeTech 8,000 BTU Portable Air Conditioner (Model JHS-A029A-05KR-D3) Instruction Manual

GarveeTech JHS-A029A-05KR-D3

GarveeTech 8,000 BTU Portable Air Conditioner Instruction Manual

Model: JHS-A029A-05KR-D3

INTRODUCTION

Thank you for choosing the GarveeTech 8,000 BTU Portable Air Conditioner. This 3-in-1 unit provides powerful cooling, dehumidification, and fan functions for indoor rooms up to 250-350 sq. ft. Designed for user convenience and efficiency, it features a sleep mode, 24-hour timer, and remote control. Please read this manual thoroughly before operation to ensure proper use and maintenance.

Key Features:

- **Powerful and Efficient Cooling:** 8,000 BTU (ASHRAE) / 5,000 BTU (SACC) for 250-350 sq. ft. rooms, with auto swing and 300m³/h airflow.
- **3-in-1 Versatile Modes:** Functions as an air conditioner, 2-speed fan, and dehumidifier (up to 45 pt/day).
- **Quiet Operation:** Operates at 52 dB, dropping below 48 dB in sleep mode.
- **Easy Drainage and Mobility:** Supports manual or continuous drainage; equipped with side handles and 360° rotatable wheels.
- **User-Friendly Controls:** LED display with touch controls and a remote control (23 ft range), plus a 24-hour timer.
- **Easy Installation:** Includes a complete window kit for vertical-hung and horizontal-sliding windows (25.59"–47.24").
- **Comprehensive Protection:** Features frost protection, overflow alarm, automatic defrost, and compressor restart delay.

SAFETY INFORMATION

Please observe the following safety precautions to reduce the risk of fire, electric shock, or injury:

- Always use a grounded 115V/60Hz power outlet.
- Do not operate the unit with a damaged power cord or plug.
- Do not block air inlets or outlets.
- Ensure the unit is placed on a flat, stable surface.

- Keep children away from the unit during operation.
- Unplug the unit before cleaning or maintenance.
- Do not force open the vents.
- Please wait for 3 minutes before restarting the unit after turning it off.

PACKAGE CONTENTS

- Portable Air Conditioner Unit
- Remote Control
- Window Kits (Adjustable panels for vertical-hung and horizontal-sliding windows)
- Exhaust Hose
- Drain Pipe

SETUP & INSTALLATION

The GarveeTech portable air conditioner is designed for easy setup. Follow these steps for quick installation:

1. **Prepare the Window Kit:** The included window kit is suitable for vertical-hung and horizontal-sliding windows between 25.59" and 47.24". For narrower openings, the slider panels may need to be trimmed manually.
2. **Attach Exhaust Hose to Window Kit:** Securely connect one end of the exhaust hose to the adapter that fits into the window panel.
3. **Install Window Kit:** Place the assembled window panel into the open window frame. Extend the panel to fit snugly against the window sides and secure it. Close the window against the panel to seal the opening.
4. **Connect Exhaust Hose to AC Unit:** Attach the other end of the exhaust hose to the designated exhaust port on the back of the portable AC unit. Ensure a tight seal to prevent hot air from re-entering the room.
5. **Position the Unit:** Place the unit on a flat, stable surface near a grounded power outlet. Ensure there is adequate space around the unit for proper airflow. The unit is equipped with 360° rotatable wheels for easy positioning.

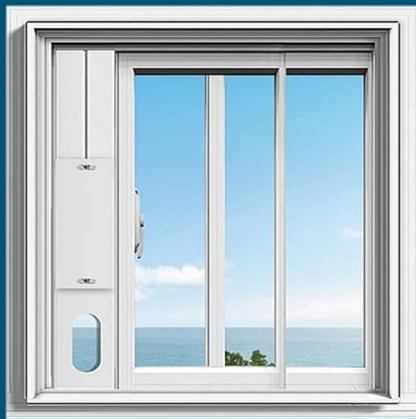
Easy Installation

Double /Single-hung Window



25.59" - 47.24"

Window kits Included(25.59-47.24inch)



25.59" - 47.24"

Sliding Slash Window



11.7in

11.3in

27.4in

Image: Easy Installation Diagram. This image illustrates how to install the window kit for both double/single-hung windows and sliding slash windows, showing the adjustable panels and the dimensions (11.7in W x 11.3in D x 27.4in H).

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Video: Portable AC Unit Setup. This video demonstrates the simple setup process of the portable air conditioner, including attaching the exhaust hose to the window kit and positioning the unit.

OPERATING INSTRUCTIONS

Your GarveeTech portable AC unit can be operated using the top panel touch controls or the included remote control.

Control Panel & Remote Functions:

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through available modes: Cool, Fan, Dry (Dehumidifier).
- **Temperature Adjustment (Up/Down Arrows):** Adjusts the desired temperature between 61°F and 88°F.
- **Fan Speed Button:** Selects between High and Low fan speeds.
- **Swing Button:** Activates or deactivates the automatic air swing function for wider air distribution.
- **Timer Button:** Sets the 24-hour timer for delayed start or stop operation.

- **Sleep Mode Button:** Activates sleep mode for quieter operation and reduced energy consumption.



Image: Control Panel Overview. This image displays the top control panel with touch buttons for Timer, Speed, Swing, Temperature Up/Down, Sleep, Mode, and Power, along with indicator lights for Fan, Dry, Cool, and Full.

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Video: AC Unit Controls Demonstration. This video shows how to operate the portable air conditioner using the top panel controls, including setting the timer, adjusting fan speed, and selecting different modes.

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Video: Remote Control Functions. This video demonstrates the use of the remote control to adjust settings such as fan speed, temperature, and modes from a distance.

MAINTENANCE

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

Air Filter Cleaning:

- The unit features a removable and washable multilayer air filter.
- For best results and enhanced air quality, clean the air filter every two weeks.
- To clean, remove the filter, wash it with mild soap and water, rinse thoroughly, and allow it to air dry completely before reinserting.

Drainage:

- In high humidity conditions or during heavy use, manual draining or connection to continuous drainage is supported.
- An overflow alarm with a flashing “FULL” indicator will prompt you to drain the unit when the water reservoir is full.

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Video: Portable AC Unit Drainage and Controls. This video demonstrates the control panel functions and mentions the drainage slot on the back of the unit for removing accumulated moisture.

TROUBLESHOOTING

If you encounter issues with your GarveeTech portable air conditioner, refer to the following common solutions:

- **Unit not cooling:** Ensure the exhaust hose is properly installed and sealed. Check if the air filter is clean. Verify the temperature setting is lower than the ambient room temperature.
- **Unit not turning on:** Check if the power cord is securely plugged into a grounded outlet. Ensure there are no power outages.
- **“FULL” indicator flashing:** The internal water reservoir is full. Drain the unit manually or connect a continuous drainage hose.
- **Frost Protection:** If the exhaust pipe temperature drops too low, the unit will pause operation and auto-resume at safe levels. This is a normal protection function.
- **Compressor Restart Delay:** The compressor has a 3-minute restart delay to protect and prolong its life. This is normal behavior after a power cycle or mode change.

SPECIFICATIONS

Feature	Detail
Brand	GarveeTech
Model Number	JHS-A029A-05KR-D3
Cooling Power	8,000 British Thermal Units (ASHRAE) / 5,000 BTU (SACC)
Coverage Area	250-350 sq. ft.
Temperature Range	61°F to 88°F
Airflow Volume	300m ³ /h
Dehumidification Capacity	45 pt/day

Feature	Detail
Noise Level	52 dB (Normal), <48 dB (Sleep Mode)
Dimensions (W x D x H)	11.7 in x 11.3 in x 27.4 in
Weight	46 LBS
Voltage	115V/60Hz
Annual Energy Consumption	538 kWh
SEER	6.2
Refrigerant	R-32
Control Method	Remote Control, Touch Control
Window Kit Compatibility	Vertical-hung and horizontal-sliding windows 25.59"–47.24"
Exhaust Hose Max Length	4.92 ft
Power Cord Length	5.91 ft

WARRANTY & SUPPORT

GarveeTech offers a **1-YEAR WARRANTY** covering shipping damage, parts failure under normal use, and any other functional issues. For assistance, missing parts, or other concerns, please contact our customer service team.