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## GarveeTech JHS-A020B-09KR-D

# GarveeTech 14,000 BTU Portable Air Conditioner Instruction Manual

Model: JHS-A020B-09KR-D

### 1. Introduction

The GarveeTech 14,000 BTU Portable Air Conditioner is a versatile 3-in-1 unit designed to provide efficient cooling, dehumidification, and fan circulation for indoor spaces. This manual provides essential information for safe operation, proper setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your appliance.




Figure 1.1: GarveeTech 14,000 BTU Portable Air Conditioner with included remote control.

## 2. Safety Information

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage. Keep this manual for future reference.

- Do not operate in close proximity to walls, curtains, or other objects that may block the air inlet and outlet. Ensure at least 50cm of free space around the unit for proper air circulation.

- Never install the unit where it could be subject to direct sunlight, heat sources (such as radiators, heat registers, stoves), or other products that produce heat.
- Install the unit in rooms that exceed 4 $m^2$ (approximately 43 sq ft).
- Avoid mechanical vibration or shock to the unit.
- Ensure the unit is placed on a firm, level surface.
- If tipped more than 45°, allow the unit to set upright for at least 24 hours before starting up.

## 3. Package Contents

Verify that all items are included in the package. If any parts are missing or damaged, contact customer service.

- Portable Air Conditioner Unit
- Remote Control
- Window Kits (adjustable panels for vertical-hung and horizontal-sliding windows 25.59″–47.24″)
- Exhaust Hose (max 4.92 ft)
- Drain Pipe
- User Manual




Figure 3.1: Included accessories for the portable air conditioner.

## 4. Product Overview

The GarveeTech portable air conditioner features a sleek design with user-friendly controls and integrated mobility.

- **Control Panel:** Located on the top of the unit with an easy-to-read LED display and touch controls.

- **Remote Control:** Allows full control of the unit from up to 26 ft away.
- **Air Outlet:** Front-facing with auto-swing function for wide air distribution.
- **Air Filter:** Removable and washable multilayer air filter for improved air quality.
- **Mobility:** Equipped with side handles and four heavy-duty 360° rotatable wheels for easy movement.
- **Exhaust Port:** Located at the rear for connecting the exhaust hose.
- **Drain Port:** Located at the bottom rear for water drainage.




Figure 4.1: Top control panel with LED display.




Figure 4.2: Unit mobility features including side handles and swivel casters.

## 5. Setup and Installation

Follow these steps for proper installation of your portable air conditioner. Ensure the unit is placed on a stable, level surface.

1. **Window Kit Assembly:** Assemble the adjustable window kit panels to fit your window opening. For narrower

openings, trimming may be required.

2. **Connect Exhaust Hose:** Attach one end of the exhaust hose to the hose connector, and the other end to the window kit adapter.
3. **Install Window Kit:** Place the assembled window kit into your vertical-hung or horizontal-sliding window. Close the window to secure the kit.
4. **Connect Hose to Unit:** Connect the hose connector to the exhaust port on the rear of the air conditioner unit.
5. **Power On:** Plug the unit into a standard 115V/60Hz power source.

*Note: The air conditioner requires being vented outside. Ensure the exhaust air from the appliance, which contains waste heat and moisture, can escape the room.*

▶ **Watch video online**
Garvee 14,000 BTU Drainage-free Portable Air Conditioner 3-In-1 AC Unit for up to 750 Sq.Ft

Video 5.1: Demonstration of the GarveeTech 14,000 BTU Portable Air Conditioner setup and features.

## 6. Operating Instructions

The unit offers three versatile modes: Air Conditioner, Fan, and Dehumidifier, along with additional features for enhanced comfort.

- **Power On/Off:** Press the Power button on the control panel or remote to turn the unit on or off.
- **Mode Selection:** Press the Mode button to cycle through Cool, Fan, and Dehumidifier (Dry) modes.
- **Temperature Adjustment:** In Cool mode, use the Up/Down arrows to set the desired temperature between 61°F (16°C) and 88°F (31°C).
- **Fan Speed:** In Fan or Cool mode, select from 3 adjustable fan speeds (Low, Medium, High).
- **Sleep Mode:** Activates quiet operation (below 50 dB) for minimal disruption during sleep.
- **24-Hour Timer:** Program the unit to turn on or off automatically within a 24-hour period.
- **Auto Swing:** The air outlet features an auto-swing function to distribute cool air evenly.




Figure 6.1: Sleep mode ensures quiet operation for undisturbed rest.

▶ **Watch video online**

Just how easy to use is this AC? Watch to see!

Video 6.2: A short video demonstrating the ease of use and setup of the portable AC unit.

## 7. Maintenance

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

- **Air Filter Cleaning:** The removable and washable multilayer air filter should be cleaned every two weeks for best results. Refer to Figure 7.1 for filter location.
- **Drainage:** In high humidity conditions or heavy use, manual draining or connection to continuous drainage is supported. The unit features an overflow alarm with a flashing “FULL” indicator to prompt draining.




Figure 7.1: Removable and washable multilayer air filter.

## 8. Troubleshooting

If you encounter issues with your unit, refer to the following common problems. For persistent issues, contact customer service.

- **Unit Not Cooling:** Check if the air filter is clean, ensure windows are properly sealed, and verify the exhaust hose is correctly installed and not kinked.
- **Water Leakage:** Ensure the drain plug is securely in place. If using continuous drainage, check for blockages in the drain pipe.
- **Noise Level:** A brief increase in noise may occur when the temperature difference between the set and ambient temperatures exceeds 15°F to deliver maximum cooling.
- **Error Codes:** Refer to the user manual for specific error code meanings and solutions.

## 9. Specifications

| Feature | Specification |
|---|---|
| Cooling Capacity (ASHRAE) | 14,000 BTU |
| Cooling Capacity (SACC) | 9,300 BTU |
| Coverage Area | 550-750 sq ft |
| Temperature Range | 61°F - 88°F (16°C - 31°C) |
| Airflow Volume | 400 $m^3/h$ |
| Seasonal Energy Efficiency Ratio (SEER) | 7.7 |
| Annual Energy Consumption | 869 kWh |
| Power Source | 115V/60Hz |
| Refrigerant | R32 |
| Dehumidification Capacity | Up to 90 pt/day |
| Noise Level (Normal) | 53 dB |
| Noise Level (Sleep Mode) | Below 50 dB |
| Dimensions (W x D x H) | 18.9 in x 15.4 in x 30.7 in |
| Weight | 70 LBS |
| Model Number | JHS-A020B-09KR-D |

## 10. Warranty and Support

GarveeTech offers a comprehensive 1-year warranty covering shipping damage, parts failure under normal use, and any other functional issues. For assistance or replacement, please contact our customer service team.
**Contact Customer Service:** Refer to your product packaging or the official GarveeTech website for contact details.


### Ask a question about this manual

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