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› Garvee 9,000 BTU Mini Split Air Conditioner with Heat Pump User Manual

Garvee GR Split Air Conditioner 9K

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Brand: Garvee | **Model:** GR Split Air Conditioner 9K

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Garvee 9,000 BTU Mini Split Air Conditioner with Heat Pump. This energy-efficient inverter AC unit is designed to provide year-round comfort, offering cooling, heating, dehumidification, and fan-only modes. With an 18.5 SEER rating, it is ideal for spaces up to 450 sq. ft. Please read this manual thoroughly before installation and use to ensure safe and optimal performance.



Figure 1.1: Garvee 9,000 BTU Mini Split Air Conditioner with Heat Pump, including the indoor unit, outdoor unit, remote control, and essential installation accessories.

2. IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. Keep this manual for future reference.

- **Electrical Safety:** Ensure the unit is connected to a properly grounded 230V power supply. Do not operate with a damaged power cord or plug.
- **Professional Installation:** Installation should be performed by a qualified HVAC technician in accordance with all local and national electrical and building codes.
- **Refrigerant:** This unit contains R454B refrigerant. Only qualified personnel should handle refrigerant.
- **Clearances:** Maintain adequate clearances around both indoor and outdoor units for proper airflow and

maintenance.

- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.
- **Cleaning:** Disconnect power before cleaning or performing any maintenance. Use only a soft, damp cloth for cleaning; avoid harsh chemicals.

3. INCLUDED COMPONENTS

Your Garvee Mini Split Air Conditioner package includes the following items:

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x Remote Control
- 1 x Accessory Kit (including copper line set, communication cable, drain hose, and wall sleeve)
- 1 x User Manual (this document)

Please inspect all components upon receipt to ensure everything is present and undamaged. If any items are missing or damaged, contact customer support immediately.

4. SETUP AND INSTALLATION

Professional installation is highly recommended for this mini split system to ensure proper function, safety, and warranty validity. The unit comes with a comprehensive installation kit to facilitate the process.

4.1 Site Selection

- **Indoor Unit:** Choose a location on a sturdy wall, away from direct sunlight or heat sources, and where airflow is not obstructed. Ensure sufficient space around the unit for maintenance.
- **Outdoor Unit:** Select a stable, level surface outdoors, away from high traffic areas, and with good ventilation. Ensure it is not exposed to excessive dust or debris.

4.2 Dimensions and Clearances

Refer to the diagram below for recommended dimensions and clearances for both indoor and outdoor units. Proper spacing is crucial for efficient operation and serviceability.



Figure 4.1: Recommended dimensions and placement for the indoor and outdoor units.

4.3 Installation Steps (Overview)

1. Mount the indoor unit's mounting plate on the wall.
2. Drill a hole through the wall for the refrigerant lines, drain hose, and electrical cables.
3. Install the outdoor unit on a stable base.
4. Connect the refrigerant lines, ensuring proper flaring and torque.

5. Connect the electrical wiring between the indoor and outdoor units, and to the power supply.
6. Evacuate the refrigerant lines using a vacuum pump.
7. Check for leaks.
8. Open the service valves and release the pre-charged refrigerant.
9. Insulate all connections.

For detailed step-by-step instructions, refer to the dedicated installation guide provided with your unit or consult a professional installer.

5. OPERATING YOUR GARVEE MINI SPLIT AC

Your Garvee Mini Split AC offers versatile climate control with multiple operating modes and convenient control options.

5.1 Operating Modes

The unit features five operational modes to ensure year-round comfort:

- **Cooling Mode:** Provides rapid cooling, ideal for hot weather.
- **Heating Mode:** Delivers efficient heating, perfect for colder seasons.
- **Dry Mode (Dehumidification):** Reduces humidity in the air without significant temperature change.
- **Auto Mode:** Automatically selects cooling or heating based on the set temperature and ambient room temperature.
- **Fan Mode:** Circulates air without cooling or heating.

FAST COOLING/HEATING



Figure 5.1: The unit provides fast cooling and heating for immediate comfort.

5.2 Control Options

You can control your Garvee Mini Split AC using the included remote control or via a smartphone app with WiFi support.

- **Remote Control:** The ergonomic remote allows you to adjust temperature, change modes, set fan speed, and access special functions like Eco Mode, Sleep settings, and timers.
- **Smartphone App (WiFi):** Download the dedicated app to control your unit remotely from anywhere. The app

also supports integration with smart home systems like Alexa for voice control.



Figure 5.2: Control your unit conveniently with the remote or smartphone app.

5.3 Quiet Operation

The Garvee Mini Split AC operates at a whisper-quiet 42 dB, making it ideal for bedrooms, offices, and other spaces where low noise is desired. In mute mode, the noise level can be as low as 23dB.

TRANQUIL NIGHT, UNINTERRUPTED SLUMBER



Figure 5.3: Enjoy a tranquil night with the unit's quiet operation.

6. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and efficiency of your Garvee Mini Split AC. Always disconnect power before performing any maintenance.

6.1 Filter Cleaning

The unit features reusable filters that should be cleaned seasonally, or more frequently depending on usage and air quality. A filter-cleaning reminder function is integrated into the system.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
4. Allow filters to dry completely before reinserting them.

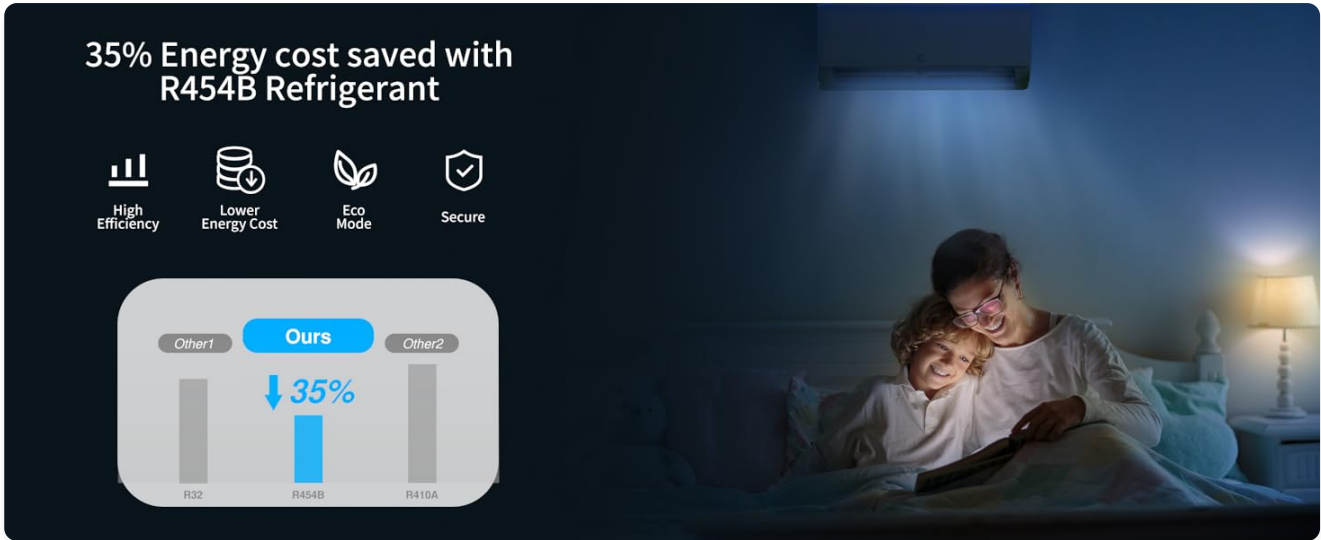


Figure 6.1: Simple to clean and maintain filters.

6.2 Self-Cleaning and Sterilization

The unit is equipped with a 56°C high-temperature self-cleaning and sterilization function to ensure fresh and clean air. Refer to your remote control or app for instructions on activating this feature.



Figure 6.2: The unit features self-cleaning and sterilization for improved air quality.

6.3 Outdoor Unit Maintenance

Periodically check the outdoor unit for any obstructions (leaves, debris) around the fan and coils. Clean the coils gently with a soft brush or water hose if necessary. Ensure the area around the outdoor unit remains clear for optimal airflow.

7. TROUBLESHOOTING GUIDE

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

Problem	Possible Cause	Solution
Unit does not turn on	No power; circuit breaker tripped; remote control batteries dead.	Check power supply; reset circuit breaker; replace remote batteries.
Insufficient cooling/heating	Dirty air filters; blocked outdoor unit; wrong mode selected; room size too large.	Clean filters; clear obstructions; select correct mode; ensure unit capacity matches room size (up to 450 sq. ft.).
Unusual noise	Loose parts; fan obstruction; refrigerant flow noise (normal).	Check for loose parts; clear fan obstruction; if noise persists and is abnormal, contact service.
Water leakage from indoor unit	Clogged drain hose; improper installation.	Check and clear drain hose; contact installer for inspection if issue persists.
Remote control not working	Dead batteries; obstruction between remote and unit; remote malfunction.	Replace batteries; remove obstructions; if still not working, contact support.

If the problem persists after attempting these solutions, please contact Garvee customer support.

8. TECHNICAL SPECIFICATIONS

Below are the key technical specifications for the Garvee 9,000 BTU Mini Split Air Conditioner with Heat Pump:

Specification	Value
Brand Name	Garvee
Model Name	GR Split Air Conditioner 9K
ASIN	B0F4WXMDPW
Cooling Power	9000 British Thermal Units
Heating Capacity	9200 British Thermal Units
SEER Rating	18.5
Coverage Area	Up to 450 sq. ft.
Voltage	230V
Noise Level	42 dB (standard operation), 23 dB (Mute Mode)

Specification	Value
Refrigerant Type	R454B
Product Dimensions (Indoor Unit)	31.18"D x 11.5"W x 7.91"H
Item Weight	78.88 Pounds (total system)
Special Features	Five Versatile Modes, Fast Cooling, Alexa-enabled, WiFi Support, Eco Mode, Sleep Settings, Timers, Self-cleaning



450 sq.ft
Coverage



9000 Btu
Cooling Capacity



9200 Btu
Heating Capacity

Figure 8.1: Performance specifications including coverage and capacity.

9. WARRANTY AND CUSTOMER SUPPORT

Garvee is committed to providing high-quality products and excellent customer service.

9.1 Warranty Information

Specific warranty details are typically provided with your purchase documentation. It is recommended to register your product upon receipt to activate your warranty. Protection plans are also available for extended coverage.

9.2 Customer Support

For technical assistance, troubleshooting beyond this guide, or warranty claims, please contact Garvee customer support. You can also visit the official Garvee store on Amazon for more information and resources:

[Visit the Garvee Store on Amazon](#)

Please have your product model number (GR Split Air Conditioner 9K) and ASIN (B0F4WXMDPW) ready when contacting support to expedite assistance.