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GarveeTech piGal66Srr7bejEsgspTiA7O

GarveeTech 9000 BTU Mini Split Air Conditioner Heat Pump System User Manual

Model: piGal66Srr7bejEsgspTiA7O

Safety Information Package Contents Installation Operation Wi-Fi & Smart Features Maintenance Troubleshooting Specifications Warranty & Support

1. Safety Information

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, personal injury, or death. Keep this manual for future reference.

- **Electrical Safety:** Ensure the unit is connected to a properly grounded power supply with the correct voltage (230V). Do not use extension cords.
- **Professional Installation:** Installation, maintenance, and repair of this appliance must be performed by qualified service personnel.
- **Refrigerant:** This unit contains refrigerant. Handle with care and ensure proper disposal according to local regulations.
- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and service access.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.
- **Cleaning:** Disconnect power before cleaning or performing any maintenance.

2. Package Contents

Verify that all components are present and undamaged upon unpacking. If any items are missing or damaged, contact GarveeTech customer support immediately.

- Indoor Unit (Evaporator)
- Outdoor Unit (Condenser)
- Remote Control
- Installation Plate for Indoor Unit
- Refrigerant Line Set (Copper tubing, insulation, electrical wire)
- Drain Hose

- User Manual (This document)
- Mounting Hardware (Screws, anchors)



Image 1: Illustrative view of the GarveeTech Mini Split Air Conditioner Heat Pump System.

3. Installation

Professional installation by a certified HVAC technician is strongly recommended to ensure proper function, safety, and warranty validity. Incorrect installation can lead to refrigerant leaks, electrical hazards, and inefficient operation.

3.1 Site Selection

- **Indoor Unit:** Choose a location that allows for even air distribution, away from direct sunlight or heat sources. Ensure sufficient space for maintenance.
- **Outdoor Unit:** Select a stable, level surface with good airflow, away from obstructions, direct sunlight, and areas prone to excessive dust or debris. Minimize the distance between indoor and outdoor units.

3.2 Mounting the Indoor Unit

1. Secure the mounting plate to the wall, ensuring it is level and can support the unit's weight.
2. Drill a hole through the wall for the refrigerant lines, drain hose, and electrical cables.
3. Connect the refrigerant lines, drain hose, and electrical wiring to the indoor unit.
4. Mount the indoor unit onto the mounting plate.

3.3 Installing the Outdoor Unit

1. Place the outdoor unit on a sturdy, level pad or wall bracket.
2. Connect the refrigerant lines and electrical wiring from the indoor unit to the outdoor unit.
3. Perform vacuuming and refrigerant charging (*requires specialized tools and expertise*).
4. Check for leaks.

3.4 Electrical Connection

Connect the unit to a dedicated 230V power supply circuit. All electrical work must comply with local codes and regulations. Ensure proper grounding.



Image 2: Illustrative diagram of indoor unit mounting (actual diagram not provided).

4. Operation

This section describes the basic functions and settings of your GarveeTech Mini Split system using the remote control.

4.1 Remote Control Overview

Familiarize yourself with the buttons on the remote control. Common buttons include Power, Mode, Fan Speed, Temperature Up/Down, Swing, Timer, and Silent Mode.



Image 3: Illustrative remote control layout (actual image not provided).

4.2 Operating Modes

- **Cool Mode:** For cooling the room. Set desired temperature using the Up/Down arrows.
- **Heat Mode:** For heating the room. Set desired temperature.
- **Fan Mode:** Circulates air without cooling or heating. Adjust fan speed as needed.

- **Dry Mode (Dehumidify):** Reduces humidity in the room.
- **Auto Mode:** The unit automatically selects cooling or heating based on the room temperature and desired setting.

4.3 Adjusting Settings

- **Temperature:** Use the **TEMP ▲** and **TEMP ▼** buttons to set the desired temperature.
- **Fan Speed:** Press the **FAN** button to cycle through fan speeds (Auto, Low, Medium, High).
- **Silent Mode:** Activate **SILENT MODE** for ultra-quiet operation, ideal for sleeping or quiet environments. This mode may reduce cooling/heating capacity.
- **Swing Function:** Use the **SWING** button to adjust the airflow direction or enable continuous swing.
- **Timer Function:** Set the unit to turn on or off automatically after a specified period. Refer to the remote control's specific instructions for detailed timer setup.

5. Wi-Fi Connectivity & Smart Features

Your GarveeTech Mini Split system is Wi-Fi enabled, allowing remote control and smart features via a smartphone application.

5.1 App Download and Installation

- Download the official GarveeTech Smart AC app from your device's app store (iOS App Store or Google Play Store).
- Install the app and create an account if you are a new user.

5.2 Connecting to Wi-Fi

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network.
2. Power on the GarveeTech Mini Split unit.
3. Open the GarveeTech Smart AC app and follow the on-screen instructions to add a new device.
4. The app will guide you through the pairing process, which typically involves pressing a specific button on the indoor unit or remote control to activate pairing mode.
5. Once connected, you can control your unit remotely, set schedules, and monitor energy usage.

Note: Wi-Fi connectivity requires a stable 2.4GHz wireless network. 5GHz networks are not supported.

6. Maintenance

Regular maintenance ensures optimal performance, energy efficiency, and extends the lifespan of your unit. Always disconnect power before performing any maintenance.

6.1 Air Filter Cleaning (Monthly)

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



Image 4: Illustrative guide for cleaning air filters (actual image not provided).

6.2 Outdoor Unit Cleaning (Annually)

- Clear any debris (leaves, dirt) from around the outdoor unit.
- Gently rinse the outdoor coil fins with a garden hose. Avoid high-pressure washing.
- Ensure the drain pan and drain line are clear of blockages.

6.3 Professional Inspection (Annually)

It is recommended to have a qualified HVAC technician inspect your system annually to check refrigerant levels, electrical connections, and overall system health.

7. Troubleshooting

Before contacting customer support, review the following common issues and solutions.

Problem	Possible Cause	Solution

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 control batteries.
Insufficient cooling/heating.	Dirty air filters, blocked outdoor unit, incorrect mode setting, low refrigerant.	Clean air filters, clear obstructions from outdoor unit, verify mode, contact technician for refrigerant check.
Unusual noise.	Loose parts, fan obstruction, compressor issue.	Check for loose components, clear obstructions, if noise persists, contact technician.
Water leakage from indoor unit.	Blocked drain hose, improper installation.	Clear drain hose, contact technician for inspection.
Wi-Fi connection issues.	Incorrect Wi-Fi password, 5GHz network, router issues, unit too far from router.	Ensure 2.4GHz network, re-enter password, restart router, move unit closer to router or use a Wi-Fi extender.

For issues not listed or if problems persist, contact GarveeTech customer support.

8. Specifications

Feature	Detail
Model Number	piGal66Srr7bejEsgspTiA7O
Cooling/Heating Capacity	9000 BTU
Noise Level (Indoor)	47 Decibels (Max)
Voltage	230V
Product Dimensions (Indoor Unit)	31.18"D x 11.5"W x 7.91"H
Item Weight	78.9 Pounds (Total System)
Special Feature	Silent Mode, Wi-Fi Enabled
SEER Rating	High (Specific value not provided, but mentioned as "High SEER rating" in description)

9. Warranty & Support

GarveeTech products are manufactured to high-quality standards and are backed by a limited warranty. Please refer to the warranty card included with your product for specific terms and conditions, including coverage period and limitations.

9.1 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact GarveeTech customer support:

- **Online Support:** Visit the official GarveeTech website or theGarveeTech Store on Amazon.
- **Email/Phone:** Refer to your warranty documentation or the GarveeTech website for current contact information.

When contacting support, please have your model number (piGal66Srr7bejEsgspTiA7O) and purchase date readily available.

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