### GarveeTech SAC18-2-S19-B

# GarveeTech SAC18-2-S19-B Split Air Conditioner User Manual

Model: SAC18-2-S19-B | Brand: GarveeTech

Introduction Safety Information Components Setup Operating Maintenance Troubleshooting Specifications Warranty & Support

## 1. Introduction

Thank you for choosing the GarveeTech SAC18-2-S19-B Split Air Conditioner. This manual provides essential information for the safe installation, operation, and maintenance of your new air conditioning system. Please read it thoroughly before use and retain it for future reference.
This 18,000 BTU, 230V, 19 SEER2 system is designed to provide efficient cooling and heating for spaces up to 1,250 sq ft, offering year-round comfort with advanced features and smart control options.

## 2. Safety Information

**WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation and operating instructions thoroughly before installing or servicing this equipment.**

- Always disconnect power before servicing or cleaning the unit.
- Professional installation is required for this split air conditioner system to ensure compliance with local codes and optimal performance.
- Do not block air inlets or outlets of the indoor or outdoor units.
- Ensure proper grounding to prevent electrical shock.
- Keep children and pets away from the outdoor unit during operation.
- Use only specified refrigerant (R32) and ensure proper handling by qualified personnel.

## 3. Product Components

The GarveeTech SAC18-2-S19-B system includes the following main components:

- Indoor Unit (Evaporator)
- Outdoor Unit (Condenser)
- Remote Control
- Installation Accessories (e.g., copper tubing, electrical wiring, drain hose - specific items may vary)




Figure 3.1: Overview of the GarveeTech SAC18-2-S19-B Split Air Conditioner components.

## 4. Setup and Installation

Installation of the GarveeTech SAC18-2-S19-B Split Air Conditioner requires specialized tools and knowledge. **Professional installation is mandatory** to ensure safety, optimal performance, and warranty validity. Installation brackets are not included and must be sourced separately.

### 4.1 Key Installation Considerations

- **Location:** Choose a location for both indoor and outdoor units that allows for proper airflow, drainage, and maintenance access.
- **Electrical Requirements:** The unit operates on 230V. Ensure dedicated electrical circuits meet local codes.

- **Refrigerant Lines:** Proper vacuuming and charging of refrigerant lines are critical for efficiency and longevity.
- **Drainage:** Ensure the indoor unit's condensate drain hose is properly sloped and routed to prevent water leakage.




Figure 4.1: Example installation with unit dimensions. The outdoor unit is designed to be compact for various placements.

## 5. Operating Instructions

The GarveeTech SAC18-2-S19-B offers multiple operating modes and control options for personalized comfort.

## 5.1 Operating Modes

- **Cooling Mode:** Provides rapid cooling, reaching 60°F in approximately 30 seconds.
- **Heating Mode:** Delivers turbo-heating, reaching 89°F in approximately 60 seconds.
- **Dry Mode:** Dehumidifies the air without significant temperature change.
- **Fan-Only Mode:** Circulates air without cooling or heating.




Figure 5.1: Fast cooling and heating capabilities of the system.

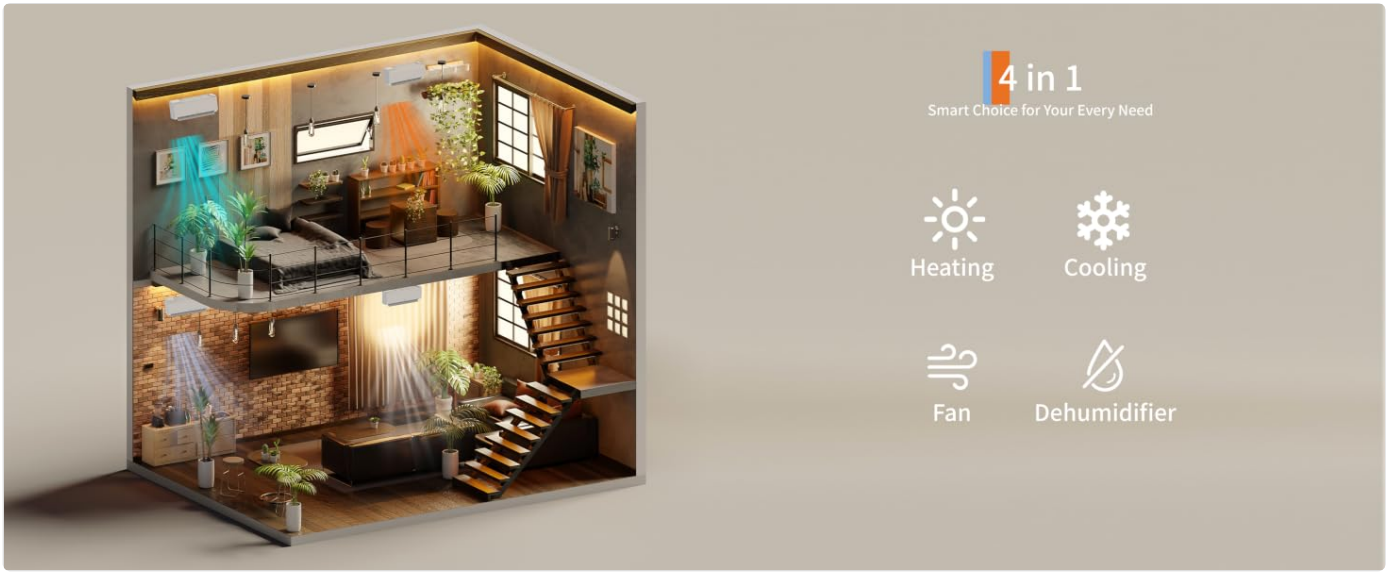



Figure 5.2: The 4-in-1 functionality provides versatile climate control.

## 5.2 Control Options

- **Remote Control:** Use the included full-function remote control to adjust settings from up to 26 feet away.
- **Smart Connectivity (Wi-Fi 2.0):** Download the GarveeTech app to control the unit remotely, power on/off, change modes, and program schedules.
- **Voice Control:** Compatible with Alexa and Google Assistant for hands-free operation.




Figure 5.3: Control your unit via remote or the GarveeTech app.

## 5.3 Advanced Features

- **Quiet Performance:** Operates as low as 28 dB in Sleep mode, ideal for bedrooms and quiet environments.
- **4-Way Swing:** Ensures uniform air distribution throughout the room.
- **Inverter Compressor:** AI-driven vector inverter maintains precise temperature control (±0.1 °C) and reduces energy

consumption.




Figure 5.4: Enjoy whisper-quiet operation, especially in Sleep mode.




Figure 5.5: The swing function optimizes air distribution for comfort, preventing direct air blowing.

## 6. Maintenance

Regular maintenance ensures the longevity and efficiency of your GarveeTech air conditioner.

### 6.1 Filter Cleaning

The unit features a filter light reminder. Clean the air filters regularly to maintain optimal airflow and air quality. Refer to the detailed instructions in the full installation manual for filter removal and cleaning procedures.

- Turn off and disconnect power to the unit before cleaning.
- Remove the air filters from the indoor unit.
- Clean filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
- Allow filters to dry completely before reinserting.



Figure 6.1: Regular filter cleaning is essential for performance and air quality.

### 6.2 Self-Cleaning Function

The unit is equipped with a 56°C high-temperature self-cleaning function to help maintain internal hygiene and ensure fresh, clean air output.



Figure 6.2: The self-cleaning function helps maintain internal cleanliness.

## 7. Troubleshooting

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

| Problem | Possible Cause | Solution |
|---|---|---|
| Unit does not turn on | No power supply; Remote control batteries dead | Check circuit breaker; Replace remote batteries |
| Insufficient cooling/heating | Dirty air filters; Blocked outdoor unit; Incorrect mode setting; Low refrigerant | Clean filters; Clear obstructions; Select correct mode; Contact professional for refrigerant check |
| Unusual noise | Loose parts; Obstruction in fan; Unit not level | Check for loose components; Remove obstructions; Ensure unit is level; Contact professional if noise persists |
| Water leakage from indoor unit | Blocked drain hose; Improper installation | Clear drain hose; Contact professional for inspection |

If the problem persists after attempting these solutions, please contact GarveeTech customer service for assistance.

## 8. Specifications

Key technical specifications for the GarveeTech SAC18-2-S19-B Split Air Conditioner:

| Feature | Detail |
|---|---|
| Model Number | SAC18-2-S19-B |
| Cooling Capacity | 18,000 BTU |
| Heating Capacity | 18,000 BTU |
| Voltage | 230 Volts |

| Feature | Detail |
| --- | --- |
| SEER2 Rating | 19 |
| Coverage Area | Up to 1,250 sq ft |
| Noise Level (Sleep Mode) | As low as 28 dB |
| Refrigerant Type | R32 |
| Indoor Unit Dimensions (DxWxH) | 12.2" x 37.8" x 8.74" |
| Item Weight | 87.1 pounds (total system) |
| Special Features | Inverter Compressor, Heating & Cooling, Dehumidifier, 4 Way Swing, Turbo Mode, Sleep Mode, Air Purification Filter, Filter Light Reminder, Remote Controlled, Wi-Fi 2.0, Alexa/Google Assistant Compatible, 56°C Self-cleaning |




Figure 8.1: Coverage and capacity details for the SAC18-2-S19-B system.

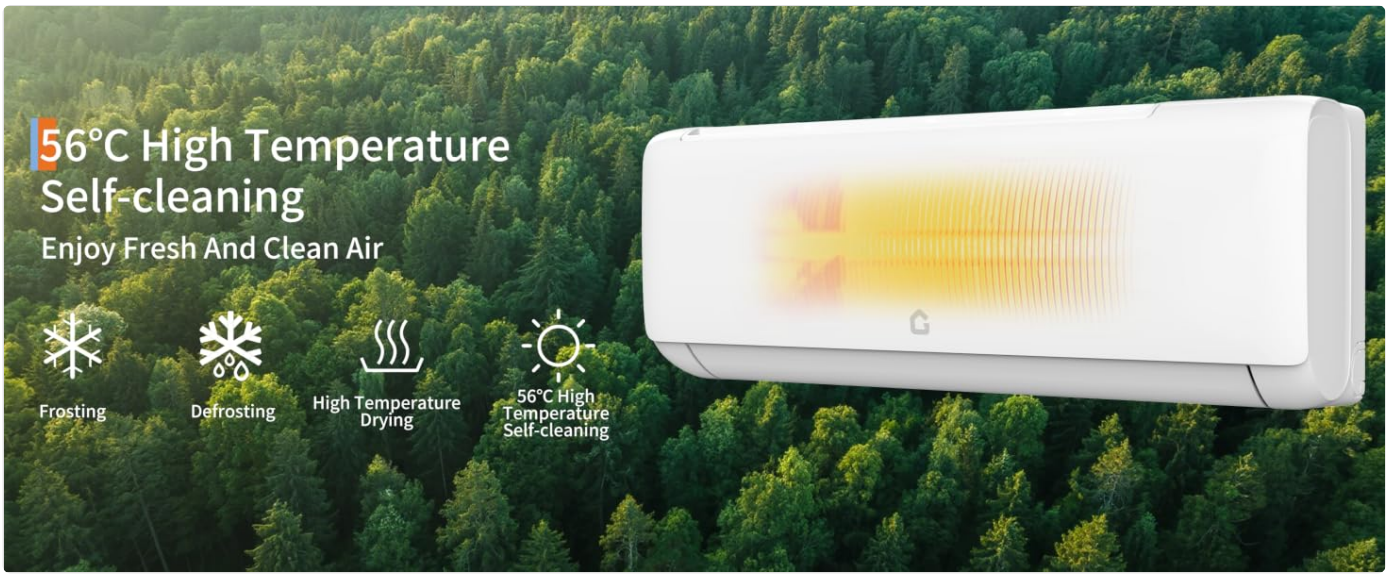



Figure 8.2: The use of R32 refrigerant contributes to significant energy savings.

## 9. Warranty & Customer Support

The GarveeTech SAC18-2-S19-B Split Air Conditioner is backed by a **5-year manufacturer's warranty**. This warranty covers:

- Shipping damage
- Normal-use part failures
- Any functional defects

For installation guidance, troubleshooting assistance, or replacement parts, please contact GarveeTech customer service directly. Contacting us first can help avoid unnecessary third-party fees.
**Contact Information:** Please refer to the contact details provided on your purchase documentation or the official GarveeTech website for the most current customer service information.

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