

Garvee ACSP1Z12KS1900

Garvee 12,000 BTU Split Air Conditioner and Heater User Manual

Model: ACSP1Z12KS1900

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Garvee 12,000 BTU Split Air Conditioner and Heater. Please read these instructions thoroughly before installation and use, and retain them for future reference.

The Garvee ACSP1Z12KS1900 is a versatile 4-in-1 system offering cooling, heating, dehumidification, and fan modes. It features an AI-powered inverter for precise temperature control and energy efficiency, suitable for spaces up to 750 sq ft.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following:

- Installation must be performed by a qualified service technician in accordance with all local and national electrical codes.
- Ensure the power supply matches the unit's specifications (208-230V).
- Do not operate the unit with damaged power cords or plugs.
- Keep the unit away from flammable materials.
- Do not insert objects into the air outlet or inlet.
- Always disconnect power before cleaning or servicing.

PACKAGE CONTENTS

Verify that all components are present in your package:

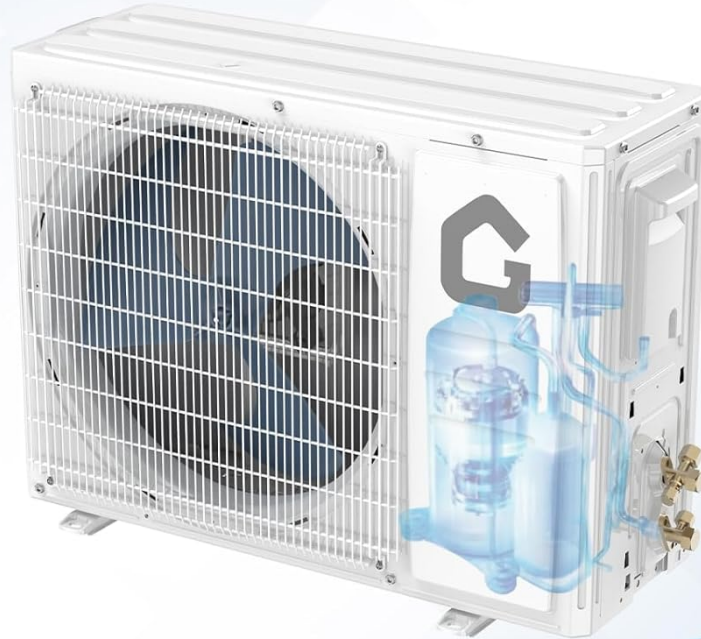
- 1 Outdoor Unit

- 1 Indoor Unit
- Remote Control
- Installation Kit (includes Copper Connection Pipe-Air Pipe, Copper Connection Pipe-Liquid Pipe, Power Line, Communication Wire, Drain Pipe, Luting/Putty)
- User Manual (this document)

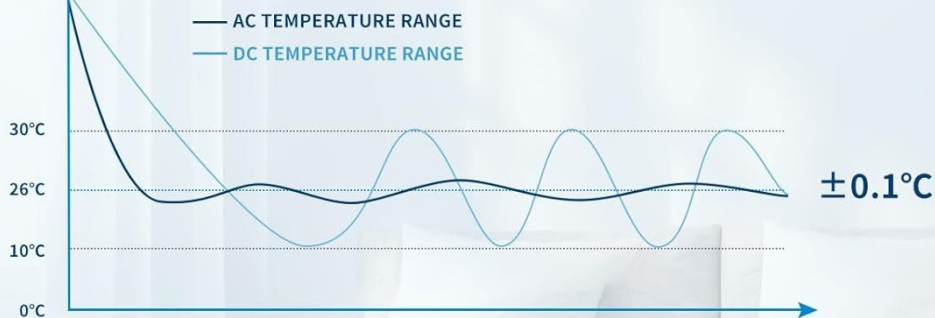
HIGH EFFICIENCY INVERTER COMPRESSOR

Innovative Integrated Structure Multi-stage Motor, Service Life Up To 20 Years

AHRI



0.1°C PRECISE TEMPERATURE CONTROL



AI intelligent sensing of the ambient temperature, energy saving more than 25%

Image: Contents of the Garvee Split Air Conditioner package, showing the indoor unit, outdoor unit, remote control, and various pipes and wires for installation.

SETUP AND INSTALLATION

Professional installation is highly recommended for this split air conditioner system. The installation process involves mounting both indoor and outdoor units, connecting refrigerant lines, electrical wiring, and drainage. Brackets for the outdoor unit are not included.

Key Installation Considerations:

- **Location:** Choose a location for both indoor and outdoor units that allows for proper airflow, drainage, and

maintenance access.

- **Mounting:** Securely mount the indoor unit on a wall and the outdoor unit on a stable surface or wall-mounted brackets.
- **Refrigerant Lines:** Connect the copper pipes between the indoor and outdoor units. Ensure proper vacuuming and charging of the refrigerant system.
- **Electrical Connections:** Connect the power and communication wires according to the wiring diagram provided in the detailed installation instructions.
- **Drainage:** Install the drain pipe to ensure proper condensate removal from the indoor unit.



Image: Diagram showing the dimensions of both the indoor and outdoor units of the Garvee Split Air Conditioner, including model number, SEER2 rating, and cooling/heating capacities.

Wi-Fi Setup:

Your Garvee unit may feature Wi-Fi connectivity for smart control. Refer to the detailed instructions in the included user manual for specific steps on connecting your unit to your home Wi-Fi network and pairing it with the companion mobile application.

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Video: A demonstration of how to set up the Wi-Fi feature for the Garvee 12000 BTU mini split AC unit, showing the steps on a smartphone app.

OPERATING INSTRUCTIONS

The Garvee Split Air Conditioner and Heater offers multiple operating modes and features for optimal comfort.

Remote Control:

The unit is primarily controlled via the included remote control. Ensure batteries are correctly inserted. The remote allows you to select modes, adjust temperature, set fan speed, and access special functions.

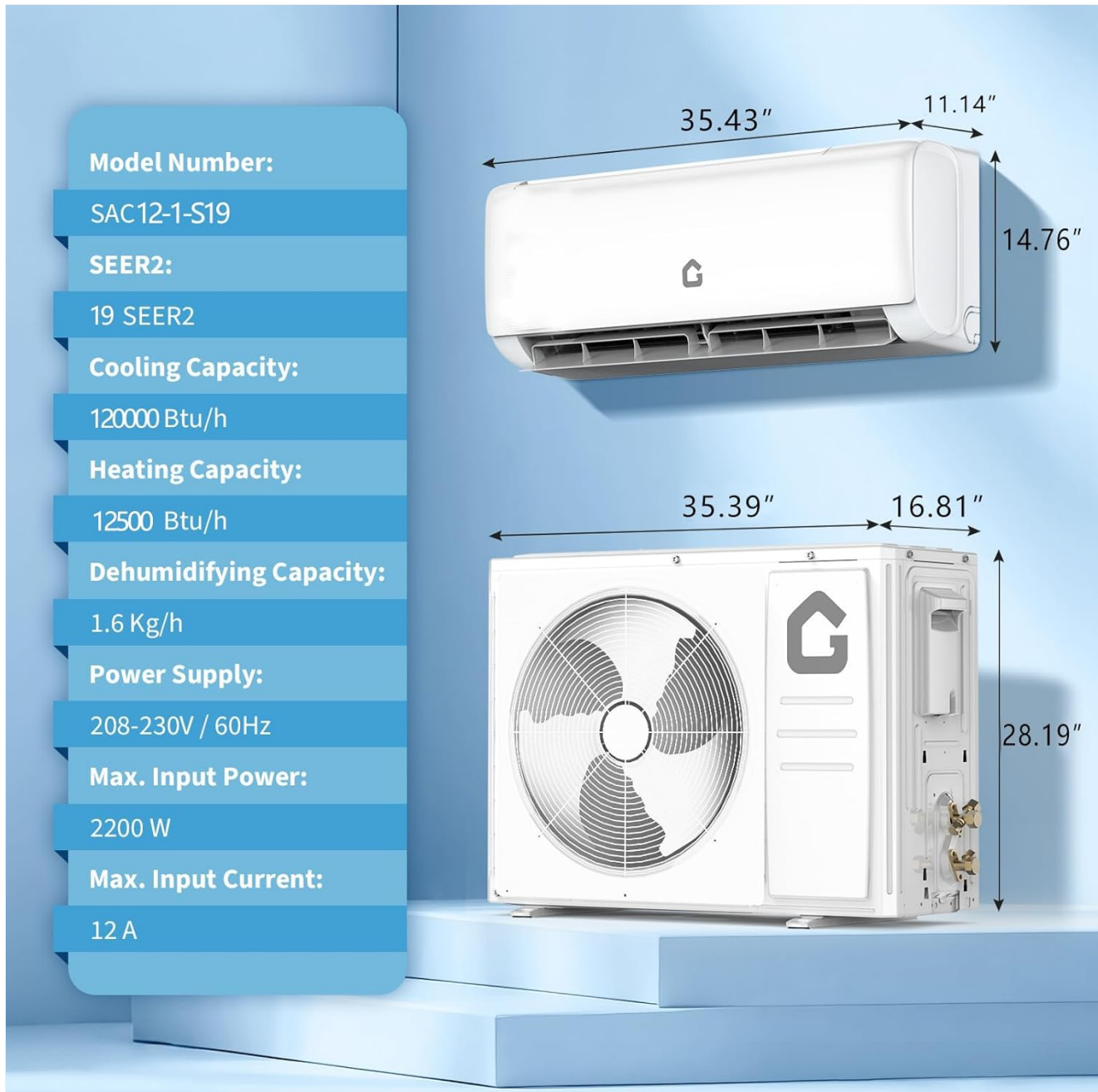


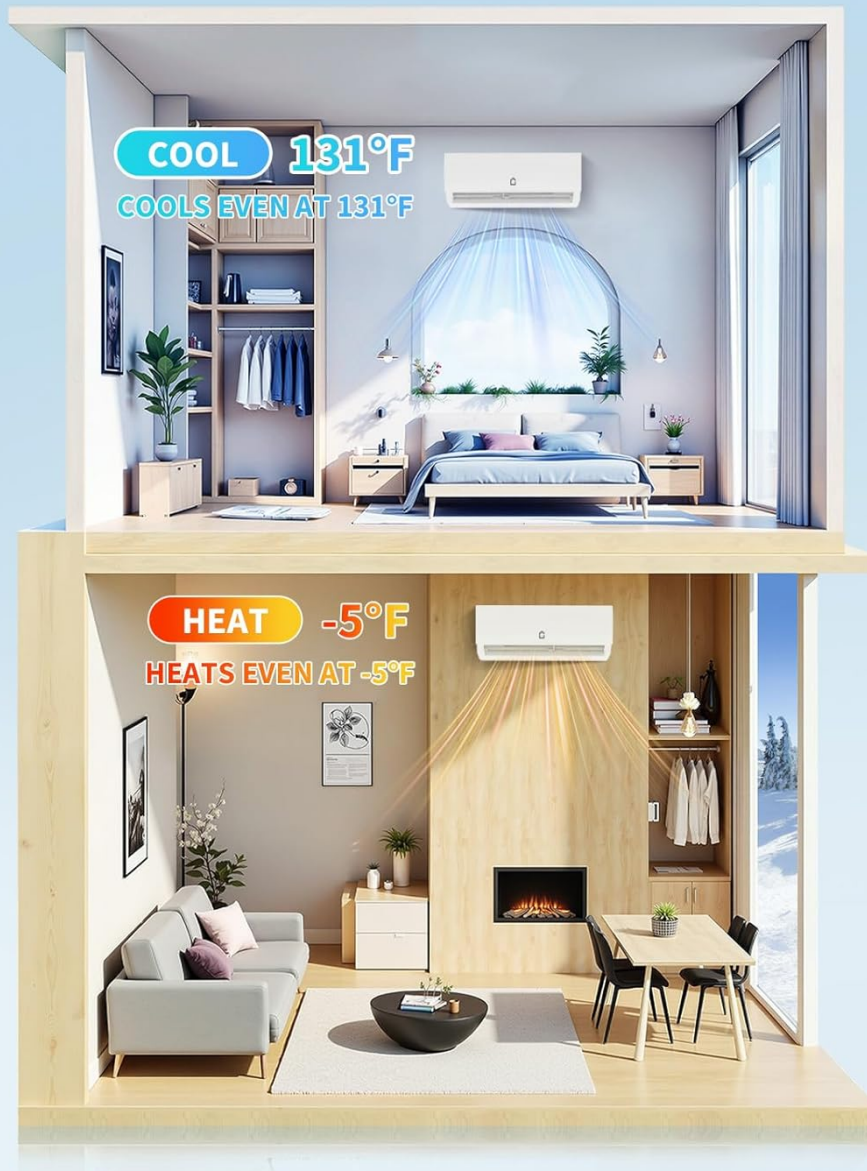
Image: An illustration of the Garvee Split Air Conditioner's remote control, highlighting various functions such as cooling, heating, dry, fan, sleep, timer, and ECO mode.

Operating Modes:

- **Cooling Mode:** Provides rapid cooling for spaces up to 750 sq ft.
- **Heating Mode:** Functions as a heat pump, providing warmth efficiently.
- **Dry Mode:** Reduces indoor humidity.

- **Fan Mode:** Circulates air without cooling or heating. Features Low, Mid, High, and Turbo speeds.

4-IN-1 MULTIFUNCTIONAL DESIGN



AIR CONDITIONER



HEATER



FAN



DEHUMIDIFIER

Image: A visual representation of the Garvee Split Air Conditioner's 4-in-1 functionality, showing cooling, heating, fan, and dehumidifier modes in different room settings.

Special Features:

- **Sleep Mode:** Operates at a low noise level (as low as 28 dB) for undisturbed rest.
- **Timer Function:** Program the unit to turn on or off at specific times.
- **4-Way Auto Swing:** Ensures even air distribution throughout the room.
- **ECO Energy Saving:** Optimizes operation for reduced energy consumption.
- **AI-Powered Inverter:** Maintains temperature within $\pm 0.1^{\circ}\text{C}$ for consistent comfort and up to 35% energy savings.

ALL-IN-ONE MULTIFUNCTIONAL REMOTE CONTROL



COOLING:
30S Fast Cooling



HEATING:
60S Fast Heating



DRY:
One-key drying mode
to quickly reduce indoor humidity



FAN ONLY:
Low / Mid / High / Turbo 4 Wind Speeds,
50ft Long Distance Air Flow



Display On/Off



Sleep



ECO Energy Saving



Self-Cleaning



°C/°F



24H Timer



4D Auto Swing



Image: Diagram illustrating the high-efficiency inverter compressor technology and precise temperature control ($\pm 0.1^{\circ}\text{C}$) of the Garvee Split Air Conditioner, with AHRI and ETL certifications shown.

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Video: A brief overview of the Garvee Split System Air Conditioner, showcasing its design and basic operation.

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Video: A demonstration of the Garvee Air Conditioner's heat pump function for all-season use, highlighting its ability to provide both cooling and heating.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your unit.

Filter Cleaning:

The air filters should be cleaned regularly, typically every two weeks or more often depending on usage and air quality. Dirty filters can reduce efficiency and airflow.

- Turn off the unit and disconnect power before cleaning.
- Open the front panel of the indoor unit and remove the air filters.

- Wash filters with lukewarm water and a mild detergent. Rinse thoroughly.
- Allow filters to dry completely before reinstalling.

Self-Cleaning Function:

The unit features a 56°C high-temperature self-cleaning function to help maintain internal hygiene and air quality. Refer to your remote control or app instructions for activating this feature.



Image: A visual depicting the 56°C high-temperature self-cleaning feature of the Garvee Air Conditioner, showing icons for frosting, defrosting, high-temperature drying, and self-cleaning.

Outdoor Unit Maintenance:

Periodically check the outdoor unit for any obstructions (leaves, debris) and ensure the coils are clean. Do not attempt to clean internal components without professional assistance.

TROUBLESHOOTING

If you encounter issues with your Garvee unit, refer to the following basic troubleshooting steps. For more complex problems, consult the detailed troubleshooting guide in the full user manual or contact customer support.

- **Unit does not turn on:** Check power supply, circuit breaker, and ensure the remote control batteries are functional.
- **Insufficient cooling/heating:** Verify correct mode selection, temperature setting, and ensure air filters are clean. Check for obstructions around indoor and outdoor units.
- **Unusual noise:** Minor operational noises are normal. If loud or unusual noises occur, ensure the unit is securely mounted and free from obstructions.
- **Water leakage:** Check if the drain pipe is clogged or improperly installed.

SPECIFICATIONS

Brand	Garvee
Model Number	ACSP1Z12KS1900
Capacity	1 Tons (12,000 BTU Cooling Power)
Seasonal Energy Efficiency Ratio (SEER2)	19.0

Voltage	208-230V
Noise Level (Sleep Mode)	As low as 28 Decibels
Refrigerant	R-32
Product Dimensions (Indoor Unit)	35.46"D x 14.78"W x 11.15"H
Item Weight	90 Pounds (Total)
Control Method	Remote Control
Room Type	Bedroom, Garage, Living Room

WARRANTY INFORMATION

The Garvee 12,000 BTU Split Air Conditioner and Heater comes with a limited warranty. Specific details regarding the warranty period, coverage, and terms are provided in the comprehensive user manual included with your product. Please refer to that document for complete warranty information.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Garvee customer support. Refer to the contact information provided in your product packaging or the full user manual for the most up-to-date support channels.