

GREE LIVV18HP230V1AK25

Gree LIVO Gen 3 Mini Split A/C Heat Pump

Model: LIVV18HP230V1AK25

18,000 BTU 16 SEER Wall Mount System with Built-in Wi-Fi

INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation, installation, and maintenance of your Gree LIVO Gen 3 Mini Split A/C Heat Pump. Please read this manual thoroughly before installation and use, and retain it for future reference.

The Gree LIVO Gen 3 system offers powerful 18,000 BTU cooling and heating capacity, suitable for spaces up to 1,000 sq. ft., featuring 16 SEER efficiency and built-in Wi-Fi for convenient control.

SAFETY INFORMATION

Always adhere to local and national electrical codes. Installation and servicing should only be performed by qualified personnel. Failure to do so may result in electric shock, fire, serious injury, or death.

- Ensure the power supply is disconnected before performing any maintenance or service.
- Do not block air inlets or outlets of the indoor or outdoor units.
- Keep children and pets away from the unit during operation.
- Use only specified refrigerant (R410A) and ensure proper ventilation during installation.

PRODUCT COMPONENTS



Figure 1: Overview of the Gree Mini Split System, including the outdoor condenser unit, indoor air handler, and basic installation kit components.



Figure 2: Detailed view of typical installation kit components, which may include line set conduit, surge protective device (Intermatic AG3000 shown), and a condenser pad.

Your Gree LIVO Gen 3 system includes the following main components:

- **Indoor Unit (Air Handler):** Responsible for circulating conditioned air within the space.
- **Outdoor Unit (Condenser):** Houses the compressor and heat exchanger for refrigerant circulation.
- **Remote Control:** For convenient operation and setting adjustments.

- **Installation Kit:** Includes necessary components for connecting the indoor and outdoor units.

SETUP AND INSTALLATION

The Gree LIVO Gen 3 system is designed for straightforward split system installation. However, due to the nature of refrigerant handling and electrical connections, professional installation is highly recommended to ensure safety, optimal performance, and warranty validity.

Pre-Installation Checklist:

1. Verify power supply (208/230V) matches unit requirements.
2. Ensure adequate space for both indoor and outdoor units, allowing for proper airflow and maintenance access.
3. Confirm all components from the packing list are present and undamaged.

Installation Steps (Overview):

1. Mount the indoor unit securely on a wall, ensuring it is level.
2. Install the outdoor unit on a stable, level surface (e.g., a condenser pad) with sufficient clearance.
3. Connect the refrigerant lines between the indoor and outdoor units. Proper vacuuming and charging are critical.
4. Complete electrical wiring connections, adhering to all safety standards.
5. Install the condensate drain line to ensure proper water removal.
6. Perform a leak check and test run to verify proper operation.

Refer to the detailed installation guide provided with your unit for specific instructions and diagrams.

OPERATING INSTRUCTIONS

Your Gree LIVO Gen 3 system can be operated via the included remote control or through the GREE app using its built-in Wi-Fi capability.

Remote Control Operation:

- **Power On/Off:** Press the **ON/OFF** button.
- **Mode Selection:** Use the **MODE** button to cycle through Cooling, Heating, Fan, Dry, and Auto modes.
- **Temperature Adjustment:** Use the **TEMP UP/DOWN** buttons to set your desired temperature.
- **Fan Speed:** Adjust fan speed with the **FAN** button.
- **Swing Function:** Activate horizontal or vertical louver swing for even air distribution.

Wi-Fi and App Control:

The built-in Wi-Fi allows you to control your unit remotely using the GREE app on your smartphone or tablet. Download the GREE app from your device's app store and follow the in-app instructions to connect your unit to your home Wi-Fi network.

- Remote temperature adjustment and mode selection.
- Scheduling and timer functions.
- Monitoring unit status and energy consumption (if supported by app version).

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Gree Mini Split system. Always disconnect power before performing any maintenance.

Air Filter Cleaning:

- Clean the air filters every two weeks or more frequently depending on usage and air quality.
- Open the front panel of the indoor unit and remove the filters.
- Wash filters with lukewarm water and mild detergent, rinse thoroughly, and allow to air dry completely before reinserting.

Outdoor Unit Maintenance:

- Keep the area around the outdoor unit clear of debris, leaves, and snow.
- Periodically clean the outdoor coil fins with a soft brush or water hose. Be careful not to bend the fins.
- Ensure the condensate drain line is not clogged.

For detailed cleaning procedures and professional servicing recommendations, consult your full user manual.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; circuit breaker tripped; remote control batteries dead.	Check power connection; reset circuit breaker; replace remote batteries.
Insufficient cooling/heating.	Dirty air filters; blocked outdoor unit; wrong mode selected; low refrigerant.	Clean filters; clear obstructions; select correct mode; contact professional for refrigerant check.
Water leaking from indoor unit.	Clogged drain line; improper installation.	Clear drain line; contact installer for inspection.
Unusual noise.	Loose parts; foreign object; compressor issue.	Inspect for loose parts; remove foreign objects; contact professional if noise persists.

For error codes or persistent issues, consult the comprehensive troubleshooting section in your full user manual or contact Gree customer support.

SPECIFICATIONS

LIVO Gen 3

INDOOR UNITS

(WxHxD) MEASUREMENT

9,000 BTU	31" x 10.75" x 7"
12,000 BTU	33.25" x 11.25" x 8"
18,000 BTU	38" x 11.75" x 8"
24,000 BTU	42.25" x 12.75" x 9"
30,000 BTU	53" x 12.75" x 10"
36,000 BTU	53" x 12.75" x 10"

OUTDOOR UNITS

MEASUREMENT

9,000 BTU	30" x 21.25" x 10"
12,000 BTU	30" x 21.25" x 10"
18,000 BTU	35.75" x 25" x 12.25"
24,000 BTU	35.75" x 25" x 12.25"
30,000 BTU	39" x 31" x 14"
36,000 BTU	39" x 31" x 14"

Figure 3: LIVO Gen 3 Indoor and Outdoor Unit Measurement Guide. Note that measurements may vary slightly by BTU capacity.

EFFICIENCY SCALE

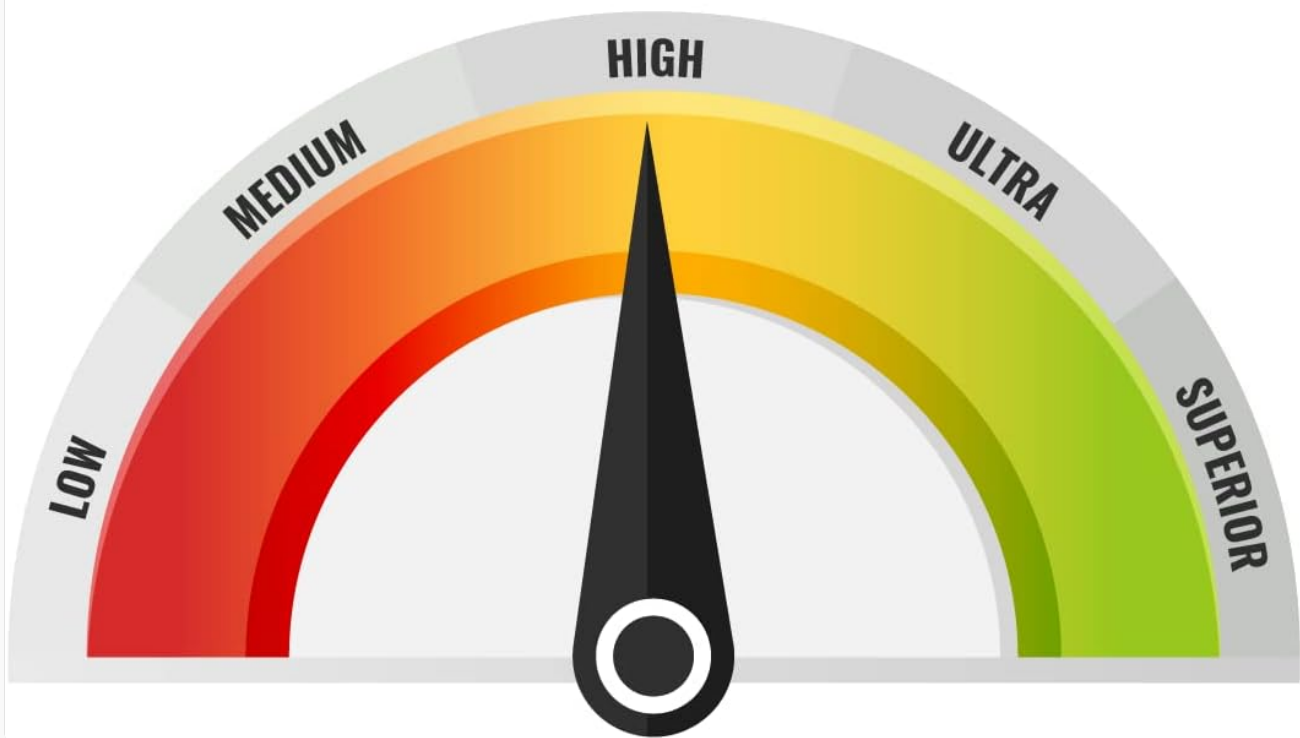


Figure 4: Visual representation of the efficiency scale, indicating the high efficiency of this 16 SEER unit.

Feature	Detail
Model Number	LIVV18HP230V1AK25
Cooling Capacity	18,000 BTU (1.5 Tons)
SEER Rating	16
Voltage	208/230 Volts
Refrigerant Type	R410A
Special Features	Built-in Wi-Fi, G10 Inverter Technology
Form Factor	Mini-Split Wall Mount
Color	White

WARRANTY AND SUPPORT



Figure 5: Key features and certifications including 5-year parts warranty, Wi-Fi readiness, heating capability down to -13°F, AHRI certification, ETL listing, and G10 Inverter Technology.

Your Gree LIVO Gen 3 Mini Split system comes with a **5-year limited parts warranty**. Please refer to the warranty card included with your product for full terms and conditions, including registration requirements.

For technical support, warranty claims, or service inquiries, please contact Gree customer service. Have your model number (LIVV18HP230V1AK25) and purchase date ready when contacting support.

You can find contact information on the Gree official website or in your product packaging.

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