

Garvee r8326hARRjIGALtMh4VnnAE4f

Garvee 5000W Electric Garage Heater 240V

Model: r8326hARRjIGALtMh4VnnAE4f

Instruction Manual

1. SAFETY INFORMATION

Please read and understand this entire instruction manual before attempting to assemble, install, operate, or maintain this product. Failure to comply with the instructions may result in electric shock, fire, property damage, and/or serious injury.

- **Professional Installation:** This 240V garage heater must be grounded and hardwired to a properly sized circuit breaker. Installation must adhere to the US National Electric Code and local codes for safety. Individuals without electrical experience should seek assistance from a professional electrician.
- **Wiring:** Use only copper wire with a minimum gauge of 8 AWG and a 40-amp breaker for the 5000W model. Ensure all wires are securely tightened and insulation is not under terminals.
- **Overheat Protection:** The heater is equipped with built-in overheat protection that will automatically shut off the unit if it becomes too hot.
- **Clearances:** Maintain minimum distances from walls and ceilings as specified in the installation section to ensure proper airflow and prevent fire hazards.
- **Location:** Install the heater away from traffic areas and combustible materials.

2. PRODUCT OVERVIEW

The Garvee 5000W Electric Garage Heater is a compact, digital, fan-forced ceiling mount unit designed for efficient heating in spaces up to 500 sq. ft. It features adjustable louvers, multiple heating levels, and advanced safety features.

Key Features:

- **Fast Heating & Adjustable Louvers:** Three heating levels (3,000W, 4,000W, and 5,000W) with customizable horizontal and vertical airflow.
- **Safe Protections:** Adjustable remote-controlled thermostat (45°F to 95°F), automatic shut-off for overheating, and an auto-off timer (1-8 hours).
- **Hassle-Free Operation:** Digital display screen and precise room temperature setting.
- **Compact Size & Rugged Construction:** Upgraded commercial-grade heating element and premium motor for longevity.



Figure 1: Front view of the Garvee 5000W Electric Garage Heater, showcasing its compact design and adjustable louvers.



Figure 2: The heater highlighting multiple safety features including 3 heat settings, adjustable thermostat, power indicator light, and overheat protection with warning light.

3. SETUP & INSTALLATION

This section provides detailed instructions for the safe and proper installation of your Garvee Electric Garage Heater. It is highly recommended that a licensed electrician performs the hardwiring.

3.1 Wiring Instructions

1. **Turn off Power:** Ensure the main circuit breaker is OFF before beginning any wiring.
2. **Access Wiring Compartment:** Remove the screw from the bottom panel to access the internal wiring.
3. **Open Cutout:** Choose a side and open the knockout for wire entry.
4. **Install Cable Gland:** Insert the cable gland (strain relief) into the opened cutout.
5. **Run Wires:** Pass the 240V power supply wires (black, red, green/bare copper) through the cable gland.
6. **Connect Wires:**

- Connect the black wire to the L1 terminal.
- Connect the red wire to the L2 terminal.
- Connect the green/bare copper wire to the ground terminal.

7. **Secure Connections:** Ensure all terminal screws are securely tightened (recommended 40 in-lbs) and that no insulation is caught under the terminals. Tighten the cable gland to secure the wire.
8. **Close Panel:** Close the bottom panel and secure it with the screw.

Hardwired Installation

AC240V/60Hz, Single Phase

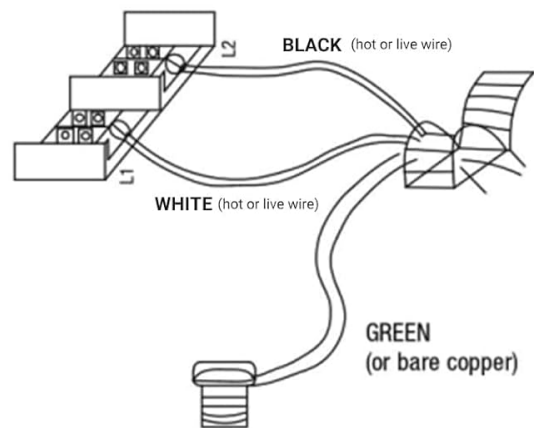
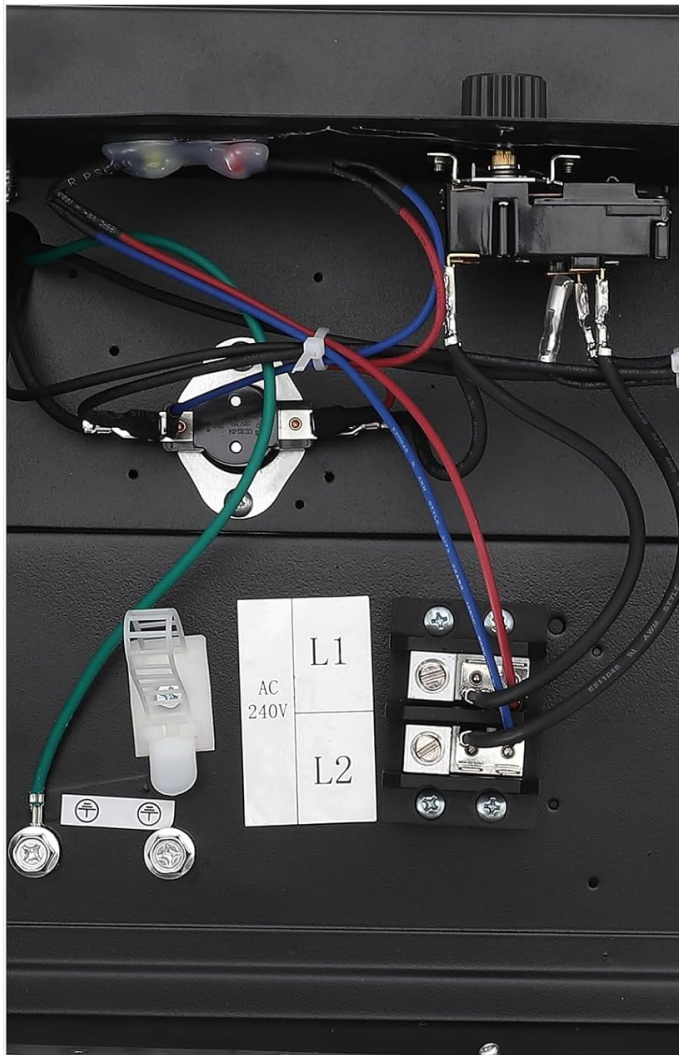


Figure7 (bare coupper Grouding wire)

Before purchasing Please make sure you understand how to connect this heater to power

Figure 3: Detailed wiring diagram showing connections for L1 (black wire), L2 (red wire), and ground (green/bare copper wire) for 240V AC power.

Video 1: This video demonstrates the electrical wiring process for the Inokraft Electric Garage Heater, including opening the access panel, installing the cable gland, connecting the black, red, and green wires to their respective terminals (L1, L2, and ground), and securing the connections. It emphasizes ensuring no insulation is under the terminals and tightening the cable gland for strain relief.

3.2 Mounting Instructions

The heater can be ceiling-mounted using the included bracket. Ensure you mount it to a sturdy structure like a ceiling joist or wall stud.

1. **Locate Support:** Identify a suitable ceiling joist or other firm support structure.
2. **Drill Pilot Holes:** Drill pilot holes for the mounting screws.
3. **Attach Bracket:** Place washers on the lag bolts and screw the mounting bracket securely into the ceiling

support.

4. **Lift Heater:** Carefully lift the heater and align the lower bracket holes with the corresponding holes on the heater.
5. **Secure Heater:** Insert and tighten the larger bolts to secure the heater to the bracket.
6. **Adjust Angle:** Use the smaller knobs on the side to fix the angle of the heater. There are four different positions for customizable airflow.



Figure 4: Illustration of the ceiling mounting process, showing the bracket attachment and various adjustable angles (90°, 67.5°, 45°) for directing airflow.

Video 2: This video demonstrates the installation of an electric garage heater, focusing on mounting the bracket to a ceiling joist and then attaching the heater to the bracket. It shows the use of lag bolts and washers for secure installation and how to adjust the heater's angle.

4. OPERATING INSTRUCTIONS

Your Garvee Electric Garage Heater offers various modes and settings for optimal comfort and energy

efficiency.

4.1 Initial Power-Up

- After hardwiring and mounting, turn on the main circuit breaker. The unit will emit a beep, indicating it has power and correct voltage.
- Ensure the toggle switch on the back of the unit is set to position 'I' for the built-in thermostat. Position 'II' is for an external thermostat, which must be wired by a professional.

4.2 Control Panel & Remote Control

The heater can be operated via the digital control panel on the unit or the included remote control.

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Mode Selection:** Cycle through different modes: Low (3000W), Eco (automatic power adjustment), Fan Only (air circulation without heating), and High (5000W).
- **Temperature Setting:** Use the up/down buttons to set your desired temperature between 45°F and 95°F (adjustable per 1°F). The room temperature is displayed automatically after 3 seconds of setting.
- **Timer Function:** Set an auto-off timer for 1-8 hours to save energy.

Video 3: This video demonstrates the operation of the Inokraft Electric Garage Heater, including powering it on, cycling through different modes (Low, Eco, Fan Only, High), setting the temperature using the control panel and remote, and utilizing the timer function. It also highlights the quiet operation of the unit.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your heater.

- **Cleaning:** Ensure the heater is unplugged and cool before cleaning. Use a soft, damp cloth to wipe down the exterior. Do not use abrasive cleaners or solvents.
- **Airflow:** Keep the air intake and output grilles free from dust and debris to maintain optimal airflow.
- **Inspection:** Periodically inspect the power cord and connections for any signs of damage. If damage is found, contact a qualified electrician for repair.

6. TROUBLESHOOTING

If you encounter issues with your heater, refer to the following common troubleshooting tips:

- **Heater has power but won't adjust/operate normally:** Check the toggle switch on the back of the unit. It must be set to position 'I' for the built-in thermostat to function correctly. If it's set to 'II', it expects an external thermostat.
- **No Power:** Ensure the circuit breaker is on and the hardwired connections are secure.
- **Overheating:** If the heater shuts off unexpectedly, it may have overheated. Allow it to cool down and check for any obstructions to airflow.

7. SPECIFICATIONS

Feature	Specification
Brand	Garvee
Model Number	r8326hARRjlGALtMh4VnnAE4f
Heat Output	5000 Watts (3000W, 4000W, 5000W settings)
Voltage	240V
Amperage	21 Amps
Heating Coverage	Up to 500 sq. ft.
Min Temperature Setting	45 Degrees Fahrenheit
Max Temperature Setting	95 Degrees Fahrenheit
Mounting Type	Ceiling Mount
Product Dimensions	17.72"D x 14.17"W x 15.08"H
Item Weight	23.4 pounds
Special Feature	Overheat Protection, Digital Thermostat, Timer, Remote Control

8. WARRANTY & SUPPORT

Garvee offers a **1-year warranty** on this electric garage heater. For any issues that may arise during the warranty period, please contact our direct customer service for assistance.