

# GarveeTech 10000W Electric Garage Heater User Manual

Model: xMoZd0IxKa7al4FULPI4lgSITGfB

## 1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installing or using this heater. Failure to follow these instructions may result in electric shock, fire, property damage, or serious injury.

- Electrical Safety:** This unit is 240V and requires hard-wiring by a qualified electrician. Ensure power is disconnected at the circuit breaker before installation or servicing.
- Mounting:** Mount the heater securely to the ceiling or wall studs. Maintain minimum clearances from combustible materials as specified in the installation section.
- Overheat Protection:** The heater is equipped with a built-in sensor that automatically shuts off the device if it detects overheating. Do not block air intake or exhaust.
- Intended Use:** This heater is designed for indoor use in garages, workshops, and similar spaces. Do not use outdoors or in wet locations.

## 2. PRODUCT OVERVIEW

The GarveeTech 10000W Electric Garage Heater provides powerful and efficient heating for large areas. It features a durable steel construction, digital controls, and a remote for convenient operation.

- Efficient Heating:** Delivers up to 34,100 BTUs, capable of heating areas up to 1,500 square feet. Adjustable louvers allow for directional airflow.
- Precise Temperature Control:** Integrated digital thermostat with a temperature range of 45°F-95°F (7°C-35°C). Three power settings (3300W/6600W/10000W) cater to various heating needs.
- Smart Features:** Includes a 12-hour programmable timer and an ECO mode that automatically adjusts operation based on ambient temperature.
- Durable Design:** Constructed with heavy-gauge steel, sheathed heating elements, and an enclosed motor for long-lasting performance in demanding environments.
- Flexible Installation:** Designed for ceiling mounting with an adjustable bracket, allowing for precise positioning.



Image: The GarveeTech 10000W Electric Garage Heater highlighting its key features including 3 heat settings, adjustable temperature, 12-hour timer, overheat protection, C/F display, and 4 tilt angles for ceiling mounting.

## Integrated Digital Thermostat Control Of the 10,000-Watt Space Heater.

Heats Up to 1500 sq.ft in Mode of 10000W



Image: The GarveeTech 10000W Electric Garage Heater mounted in a garage, illustrating its ability to heat a large area effectively.

### 3. PACKAGE CONTENTS

- Electric Garage Heater Unit
- Remote Control
- Mounting Bracket
- Instruction Manual

### 4. SPECIFICATIONS

Feature	Specification
Brand	GarveeTech
Model Number	xMoZd0IxKa7al4FULPI4lgSITGfB

Wattage	10000 watts
Voltage	240 Volts (AC)
Amperage	41.67 Amps
Heating Coverage	Up to 1500 sq. ft.
Temperature Range	45°F-95°F / 7°C-35°C
Power Settings	3300W / 6600W / 10000W
Timer Function	1-12 hours
Mounting Type	Ceiling Mount
Product Dimensions	17.72"D x 18.31"W x 18.11"H
Item Weight	47.6 pounds

## Forced Air Heater, Ceiling Mounted Heater

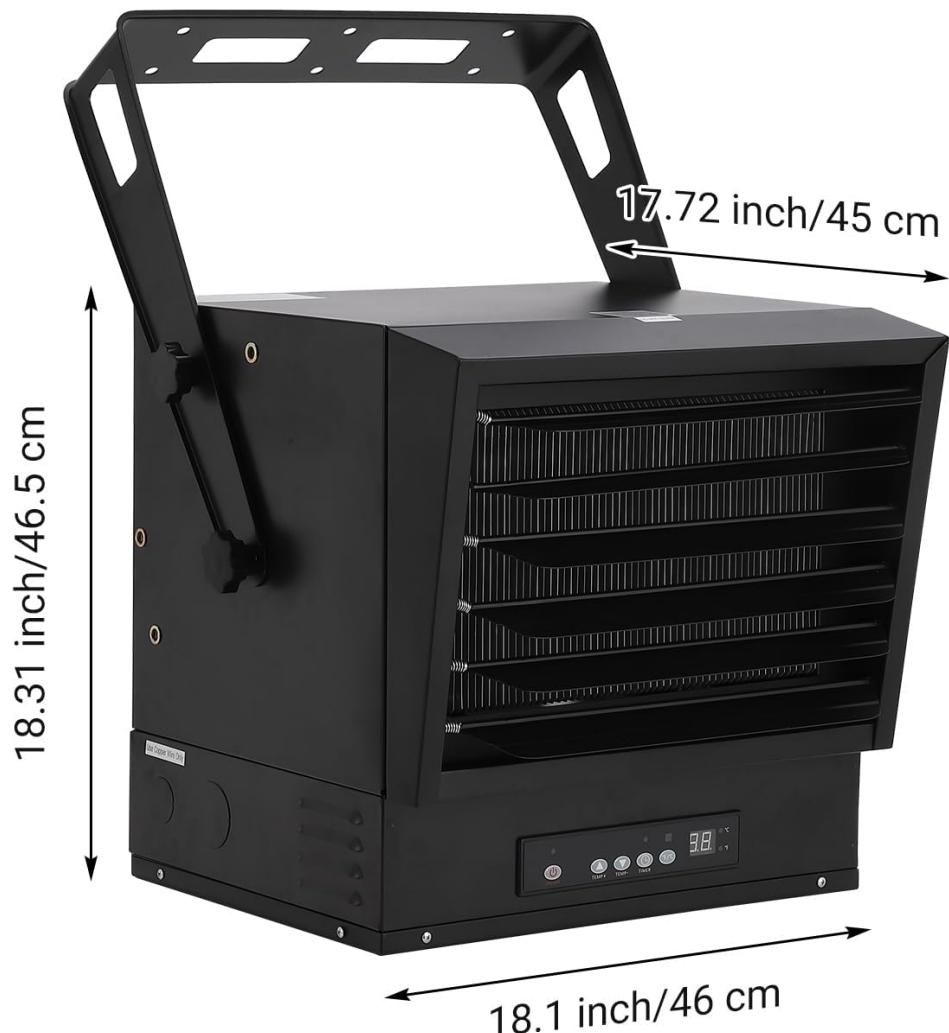


Image: Side view of the GarveeTech 10000W Electric Garage Heater with its dimensions (17.72 inches deep, 18.31 inches wide, 18.11 inches high) clearly indicated.

## **5. INSTALLATION INSTRUCTIONS**

This heater requires hard-wired installation. It is strongly recommended that installation be performed by a licensed electrician to ensure compliance with all local electrical codes and safety standards.

### **5.1 Pre-Installation Checks**

- Verify that your electrical supply is 240V and can support the heater's 41.67 Amps requirement.
- Ensure the mounting surface (ceiling joists or wall studs) can safely support the heater's weight (47.6 lbs) and the mounting bracket.
- Turn off power at the main circuit breaker before beginning any electrical work.

### **5.2 Mounting Location and Clearances**

Choose a mounting location that allows for proper airflow and maintains minimum clearances from combustible materials.

- Minimum distance from sides of wall: 13 inches (33 cm)
- Minimum distance from ceiling: 8 inches (20 cm)
- Minimum distance from floor: 6 feet (1.8 meters)

# Ceiling Mounting Instructions

Direct the airflow to where you need most

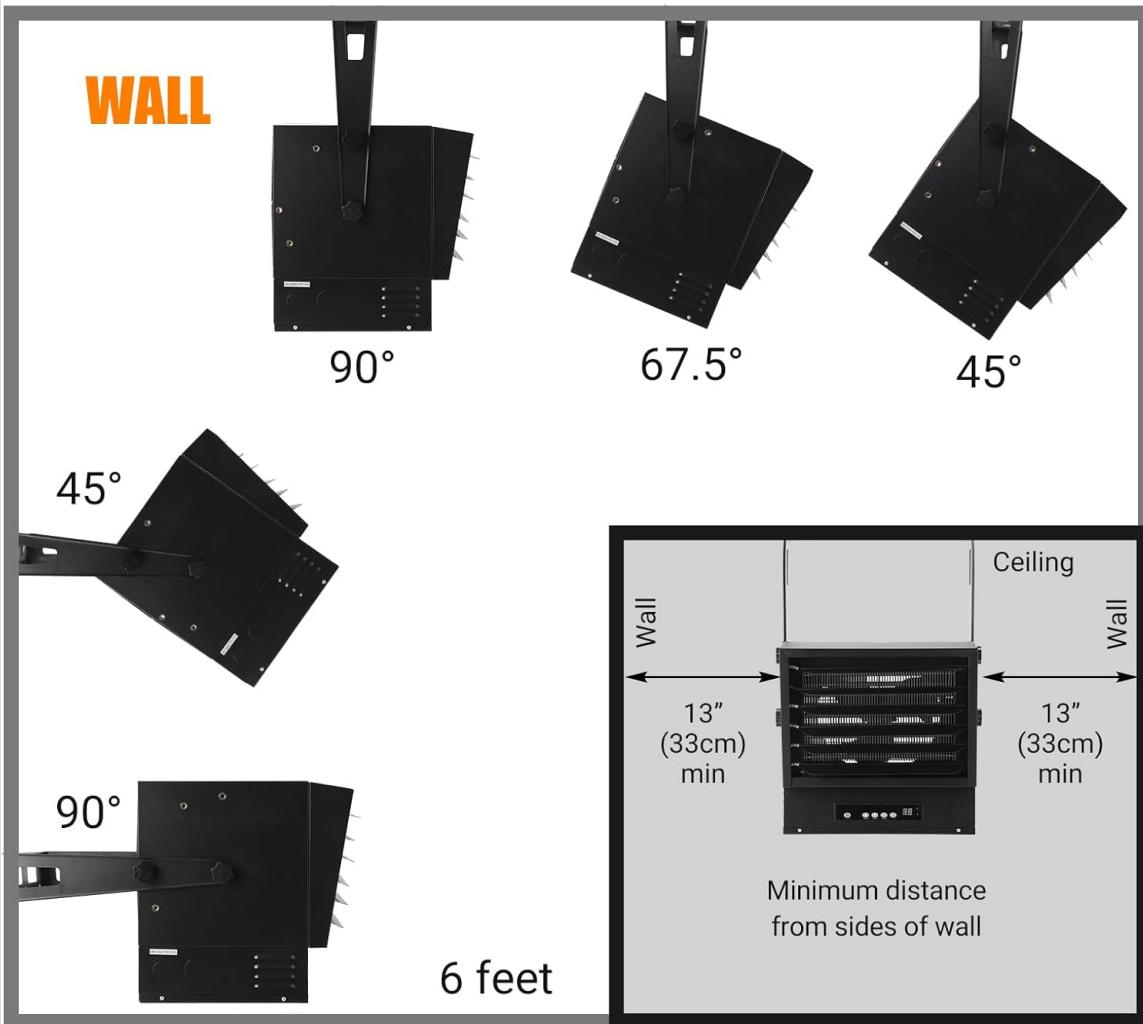


Image: A diagram illustrating recommended mounting positions (wall and ceiling) and minimum clearance distances from surrounding surfaces for safe and effective operation of the heater.

## 5.3 Step-by-Step Installation

- 1. Prepare the Heater for Wiring:** Turn off the power at the breaker. Remove all screws from the bottom panel for access to the wiring compartment. Choose a side and open the cutout for wiring entry.
- 2. Connect Wiring:** Use the provided copper tips for better conductivity (for 7500W/10000W models). Run the electrical wire through the cutout. Connect the wires to the power block as instructed in the wiring diagram (L1, L2, Ground). Tighten all terminal screws to 40 in-lbs.
- 3. Secure Bottom Panel:** Close the bottom panel and tighten the screws.
- 4. Mount the Bracket:** Drill two pilot holes in the chosen ceiling or wall location. Place washers on the screws and securely screw them into the ceiling/wall, ensuring the bracket is firmly attached.
- 5. Hang the Heater:** Align the lower bracket holes with the corresponding points on the heater. Then, align the upper bracket holes and secure the heater to the bracket using the provided hardware. Use the keyhole slots on the bracket to adjust the heater's angle as desired.
- 6. Adjust Louvers:** Adjust the individual louvers on the front of the heater to direct the airflow to your desired area.



Image: A visual guide detailing the four main steps for hardwired installation: opening the panel, connecting wires to the power block, tightening connections, and preparing for use.

## Hardwired Installation

AC240V/60Hz,Single Phase

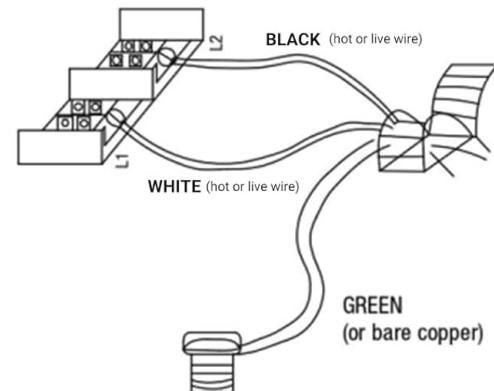
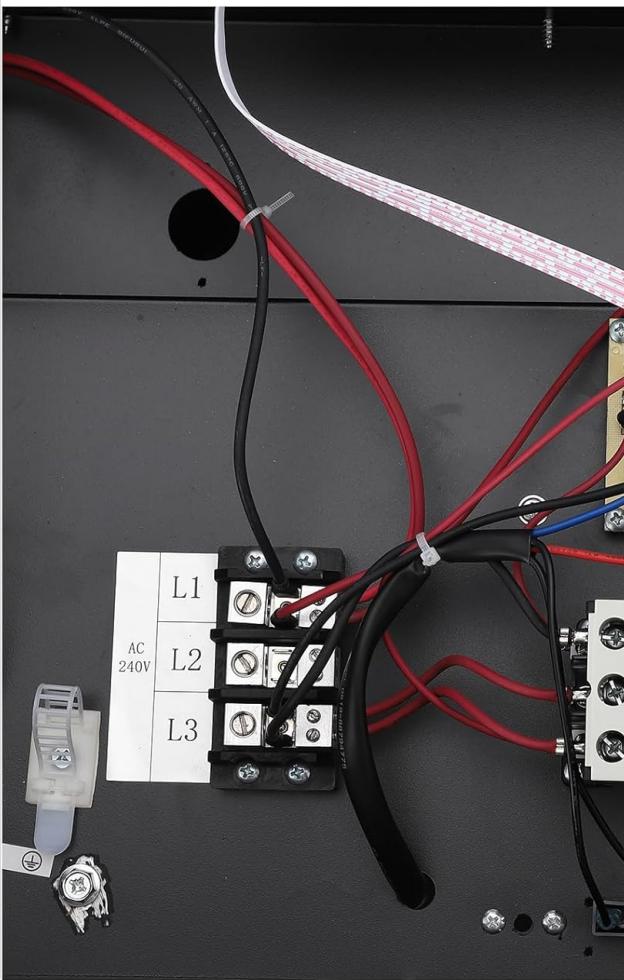


Figure7 (bare copper Grouding wire)

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

Image: A close-up of the heater's internal wiring compartment, showing the power block and a diagram for connecting black (hot), white (hot), and green (ground) wires for 240V AC power.

Video: This video demonstrates the step-by-step installation process for a ceiling-mounted shop heater, including wiring, mounting the bracket, hanging the unit, and adjusting the louvers. It provides a visual guide for connecting the electrical supply and securing the heater.

## 6. OPERATING INSTRUCTIONS

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

### 6.1 Control Panel and Remote Functions

- **ON/OFF:** Press to turn the heater on or off.
- **MODE:** Cycle through power settings (Low: 3300W, Medium: 6600W, High: 10000W).
- **TEMP+/-:** Adjust the desired temperature setting.
- **TIMER:** Set the auto-off timer from 1 to 12 hours.
- **°F/°C:** Toggle between Fahrenheit and Celsius temperature display.
- **ECO:** Activate Smart Mode, which automatically adjusts the working mode based on ambient temperature to optimize energy use.



Image: The GarveeTech 10000W Electric Garage Heater showing its digital thermostat, control buttons, and the remote control for convenient temperature and setting adjustments.

## 6.2 Adjusting Airflow Louvers

The front louvers can be individually adjusted to direct the heated air precisely where it is needed. Simply manually tilt each louver to the desired angle.

# Six Individually Adjustable Louvers

For Personalized Garage Heaters



Image: A close-up of the GarveeTech 10000W Electric Garage Heater's front panel, highlighting the six individually adjustable louvers that allow users to customize airflow direction.

Video: This video demonstrates the operational features of an electric garage heater, including adjusting temperature settings, utilizing the 1-12 hour timer, and showcasing the adjustable wind direction and angle. It also highlights the fan's cooling function after shutdown.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Ensure the heater is turned off and unplugged (if applicable, or power disconnected at breaker) before cleaning. Use a soft, damp cloth to wipe down the exterior. Do not use abrasive cleaners or solvents.
- **Fan and Air Vents:** Periodically inspect the fan and air vents for dust and debris accumulation.

Use a vacuum cleaner with a brush attachment to gently remove any blockages. Ensure vents are clear for proper airflow.

- **General Inspection:** Annually, or as needed, inspect the power cord and connections for any signs of damage or wear. If any damage is found, contact a qualified electrician for repair.

## 8. TROUBLESHOOTING

If your heater is not operating correctly, refer to the following common issues and solutions:

- **Heater does not turn on:**

- Check if the power is supplied to the unit from the circuit breaker.
- Ensure the ON/OFF button is pressed on the control panel or remote.
- Verify that the thermostat setting is higher than the ambient room temperature.

- **Heater stops working unexpectedly:**

- The overheat protection may have activated. Turn off the heater, allow it to cool down for 30 minutes, and check for any obstructions around the air intake or exhaust.
- Check the circuit breaker for a tripped breaker.

- **Insufficient heating:**

- Ensure the heater is set to the highest power mode (10000W).
- Verify that the louvers are directed towards the desired heating area.
- Check for proper insulation in the room or garage.

For issues not covered here, or if troubleshooting steps do not resolve the problem, contact customer support.

## 9. WARRANTY AND SUPPORT

This GarveeTech Electric Garage Heater comes with a limited manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions.

For technical support, warranty claims, or replacement parts, please contact GarveeTech customer service through the retailer where the product was purchased or visit the official GarveeTech website.