

Omberr GHA70

Omberr 7000W Graphene Electric Garage Heater

Model: GHA70 - Instruction Manual

Safety Information	Product Overview	Setup & Installation	Operating Instructions	Maintenance
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INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Omberr 7000W Graphene Electric Garage Heater, Model GHA70. Please read all instructions carefully before installation and use, and retain this manual for future reference.

IMPORTANT SAFETY INFORMATION

Failure to follow these safety instructions may result in fire, electric shock, injury, or property damage. Always exercise caution when operating electrical appliances.

General Safety Precautions

- This heater is designed for 240V hardwired installation. Installation should be performed by a qualified electrician in accordance with all local electrical codes.
- Do not operate the heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains, at least

3 feet (0.9 meters) from the front of the heater and away from the sides and rear.

- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- The heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- This heater is not intended for use in bathrooms, laundry areas, or similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
- Always unplug the heater when not in use.

Overheat Protection

The heater is equipped with an automatic overheat protection system. If the internal temperature exceeds 95°C (203°F), the system will trigger a high-temperature alert (displaying "H--1") and automatically stop the heating function. The fan will continue to run to cool down the unit. Once the temperature returns to a safe level, the heater can be restarted.

PRODUCT OVERVIEW

The Omberr 7000W Graphene Electric Garage Heater is designed to provide efficient and widespread heating for various indoor spaces such as garages, workshops, and tool rooms. It incorporates advanced graphene heating technology for rapid and uniform heat distribution.

Key Features

- **Graphene Heating Elements:** Provides fast heat conduction, high heat dissipation efficiency, and rust resistance.
- **Wide Airflow Coverage:** Horizontal blades and a wider outlet ensure uniform warm air distribution.
- **Overheat Protection:** Automatic shutdown at 95°C (203°F) with fan-only cooling.
- **Adjustable Design:** Two adjustable height levels, four wall-mount angle options (0–40.5°), and directional louvers (0–130°).
- **Intelligent Control System:** Remote control, temperature setting (40–90°F / 4–35°C), Fahrenheit/Celsius switch, and 0.5-9 hour timer.

Components

- Heater Unit
- Remote Control
- Mounting Brackets (for ceiling/wall installation)
- User Manual

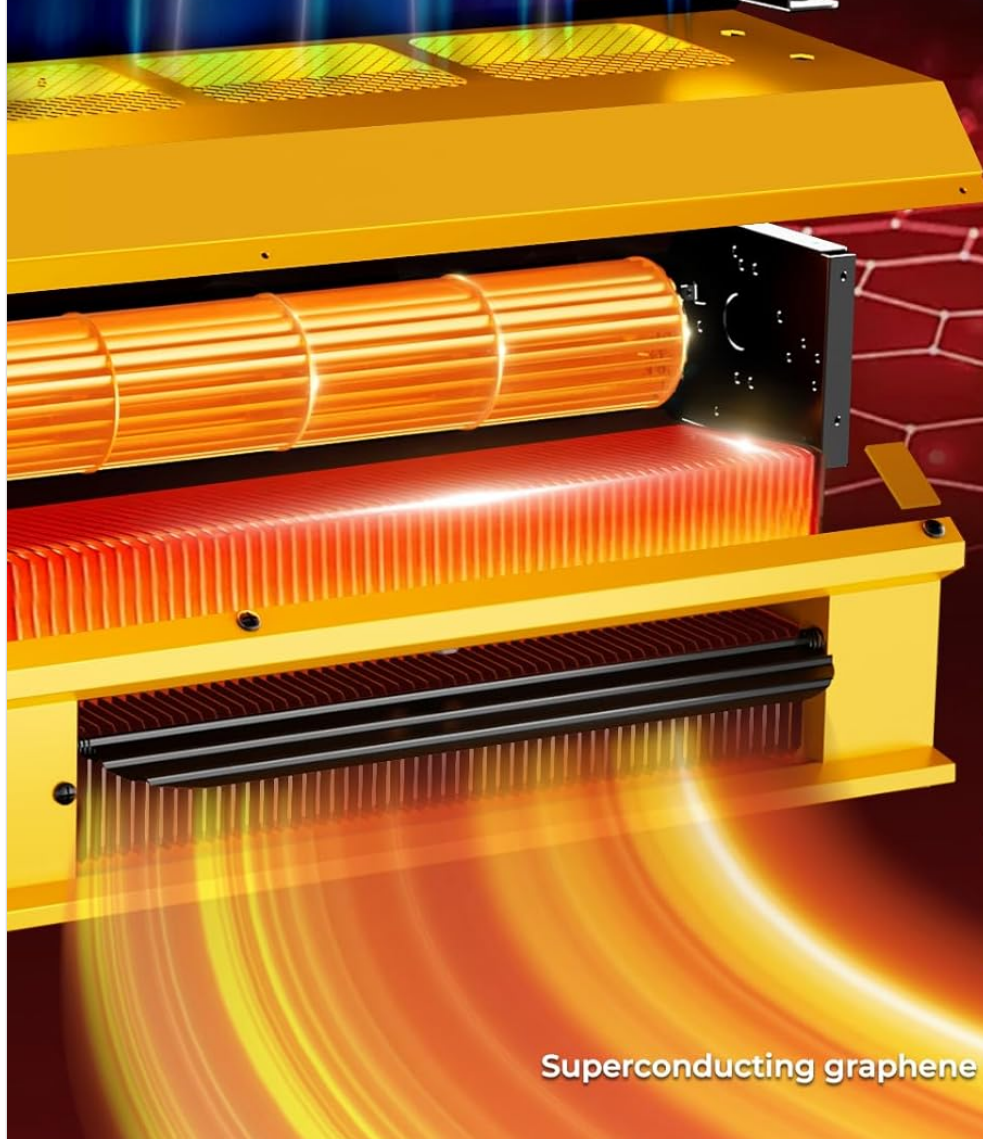
GRAPHENE HEATING SHEET

Strong heat conversion

Heat up quickly



Nobel Prize
Graphene



▲ **99%**
Thermal energy
conversion

▲ **30°C**
Minus zero
Speedy Delivery

▲ **3S**
Start rapid
heating

Superconducting graphene heating sheet

Figure 1: Omber 7000W Graphene Electric Garage Heater, front view.

HIGH AIR VOLUME

Cross-flow fan

- ★ Thermostability
- ★ Do not rust
- ★ Non-oxidizing

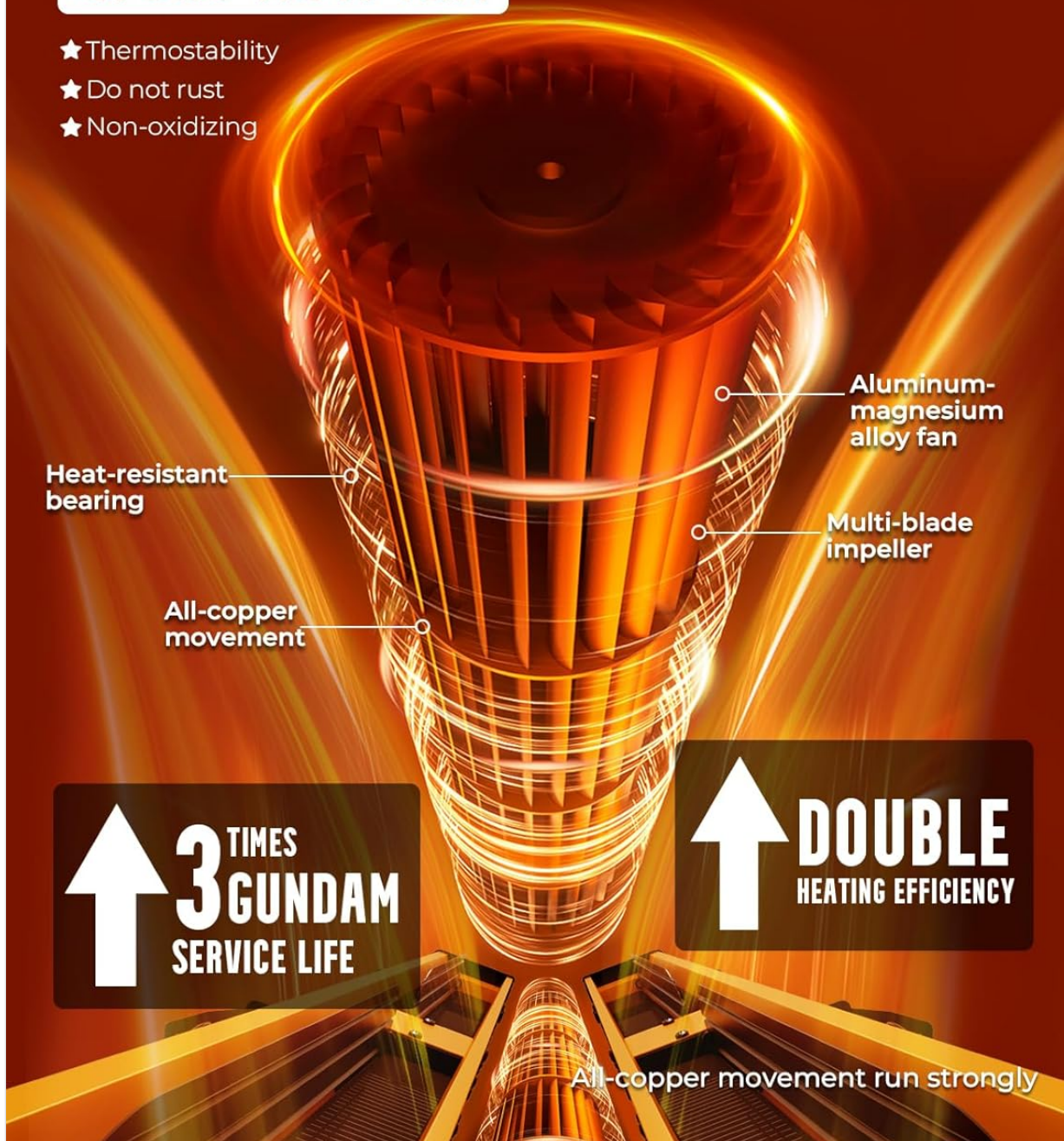


Figure 2: Internal view showing the graphene heating sheet and cross-flow fan for efficient heat distribution.

SETUP & INSTALLATION

The Omberr GHA70 heater requires hardwired 240V electrical service. It can be mounted on the ceiling or wall, or used as a freestanding unit on a tabletop or floor.

Electrical Connection

- **WARNING:** This unit requires a dedicated 240V circuit. All electrical wiring must comply with national

and local electrical codes.

- It is highly recommended that a qualified electrician perform the hardwiring installation to ensure safety and proper functionality.
- Ensure the power supply is disconnected at the circuit breaker before beginning any wiring.

Mounting Options

The heater offers versatile installation options:

- **Ceiling Mount:** Use the provided brackets to suspend the heater from the ceiling. This option saves floor space and allows for broad heat distribution.
- **Wall Mount:** The brackets can also be configured for wall mounting, offering four adjustable angle options (0–40.5°) to direct heat.
- **Tabletop/Floor Placement:** The heater can be placed on a stable, flat surface for portable heating.

Adjustments

- **Height Adjustment:** The mounting brackets allow for two adjustable height levels to optimize heat coverage.
- **Louver Adjustment:** Directional louvers can be adjusted from 0–130° to precisely aim the warm airflow.



Figure 3: Detailed view of heater dimensions, remote control functions, and adjustable mounting features.

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Video 1: This video demonstrates the installation process and various features of the Omberr Electric Garage Heater, Model GHA70, including its mounting options and heat distribution.

OPERATING INSTRUCTIONS

The heater can be controlled using the integrated LCD panel or the included remote control.

Remote Control Functions

- **Power Button:** Turns the heater ON or OFF.
- **Temperature Up/Down:** Adjusts the desired temperature setting.
- **°C/°F Switch:** Toggles the temperature display between Celsius and Fahrenheit.
- **Timer Button:** Activates and sets the automatic shut-off timer.

Setting the Temperature

1. Ensure the heater is powered ON.
2. Use the UP or DOWN buttons on the remote control or control panel to set your desired temperature between 40°F and 90°F (4°C and 35°C).
3. The heater will automatically maintain the set temperature.

Using the Timer Function

1. Press the TIMER button on the remote control.
2. Use the UP or DOWN buttons to set the desired operating duration from 0.5 to 9 hours.
3. The heater will automatically shut off after the set time has elapsed.

HORIZONTAL HEAT

Extended coverage area



Overheat protection
95°C
OFF

4-35°C
40-95°F
Switch

Flame retardant
Alloy fuselage
Intelligent timing
Overload power-off

Figure 4: The heater effectively distributes warmth across a garage, maintaining a comfortable temperature range of 4-35°C (40-95°F).

MAINTENANCE

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

Cleaning

- Always disconnect power to the heater before cleaning.

- Use a soft, damp cloth to wipe the exterior surfaces of the heater. Do not use abrasive cleaners or solvents.
- Periodically clean the air intake and exhaust grilles with a vacuum cleaner or soft brush to remove dust and debris.
- Ensure no water or liquids enter the internal components of the heater.

Storage

If storing the heater for an extended period, ensure it is clean and dry. Store it in a cool, dry place, preferably in its original packaging, to protect it from dust and damage.

TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Circuit breaker tripped. Unit is not properly hardwired.	Check the main power supply. Reset the circuit breaker. Verify hardwiring connections (consult an electrician if unsure).
Heater stops heating, displays "H-1".	Overheat protection activated.	Allow the unit to cool down. Ensure air intakes and exhausts are not blocked. Once cooled, restart the heater.
Insufficient heat output.	Temperature setting too low. Room size exceeds heater capacity. Airflow blocked.	Increase the temperature setting. Ensure the heater is appropriate for the space (rated for up to 1300 sq. ft.). Clear any obstructions from air vents.
Remote control not working.	Dead batteries. Obstruction between remote and heater.	Replace batteries in the remote control. Ensure a clear line of sight to the heater's receiver.

SPECIFICATIONS

Feature	Detail
Model Number	GHA70
Power Output	7000W
Voltage	240V
Heating Element	Graphene
Temperature Range	40–90°F (4–35°C)

Feature	Detail
Timer	0.5-9 hours
Product Dimensions	7.6 x 38 x 5.43 inches
Item Weight	26 pounds
Mounting Options	Ceiling, Wall, Tabletop/Floor
Manufacturer	Omberr

WARRANTY & SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Omberr website. Keep your purchase receipt as proof of purchase for warranty claims.