

Barphygo GH7500W

Barphygo Electric Garage Heater GH7500W Instruction Manual

Model: GH7500W

This manual provides detailed instructions for the safe installation, operation, and maintenance of the Barphygo Electric Garage Heater 7500-Watt, 240V Hardwired model GH7500W.

1. SAFETY INFORMATION

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

- **Electrical Requirements:** This 240V hardwired heater must be grounded and hardwired to a properly sized current protection circuit breaker in accordance with the (US) National Electric Code and local codes. A professional electrician is recommended for installation. This heater does not come with a power cord.
- **Placement:** For effective vertical airflow, locate the heater at least 8 inches away from any walls and at least 6 feet away from the floor. Keep combustible materials, such as furniture, pillows, bedding papers, clothes, and curtains, at least 3 feet (0.9m) from the front of the heater and keep them away from the sides and rear.
- **Overheat Protection:** Equipped with a built-in sensor that monitors temperature and immediately shuts down the unit if overheating is detected, providing reliable protection against potential hazards.
- **Certification:** The heater is ETL certified, ensuring safe use.
- **Hot Surfaces:** This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- **Moisture:** The heater is not to be used in wet or moist locations.

QUALITY CONSTRUCTION SAFETY OF USE



Full Metal Design 

Timer Shutdown 

Smart Energy Saving 

Overheat Protection 



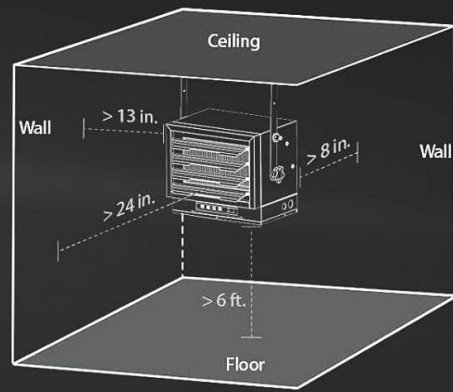
ETL Certified

Figure 1: Quality construction and safety features, including ETL certification.

Installing Your Heater

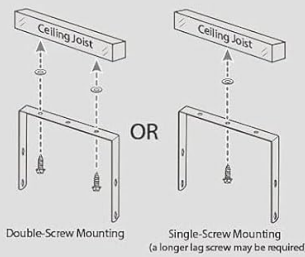
1

For effective vertical air flow, locate the heater at least 8 inches away from any walls and at least 6 feet away from the floor.



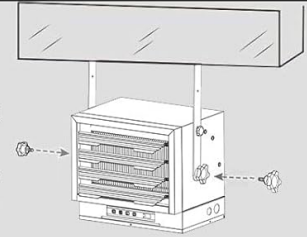
2

Locate a ceiling joist or other firm support to mount the heater and point at desired direction of air flow. Drill two 1/4" pilot holes off-center for the screws. Install the bracket with the included screws and washers.



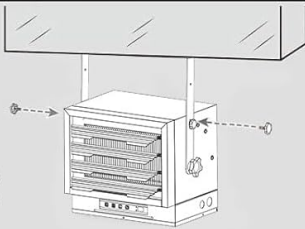
3

Unscrew the small and large knob-screws on both sides. Lift the heater, align the lower bracket holes with the threaded holes for the large knob-screws on both sides and tighten.



4

Aim the heater horizontally or tilt by aligning the upper bracket holes with the threaded holes for the small knob-screws on both sides and tighten.



5

Adjust the louvers in front of the heater as desired. Do not operate the heater with the front louvers closed.

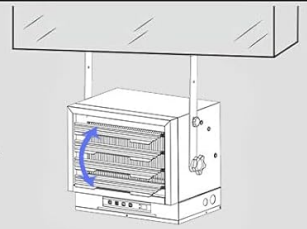


Figure 2: ETL Certification details for the heater.

2. PRODUCT OVERVIEW

The Barphygo Electric Garage Heater GH7500W is designed for efficient heating in garages, workshops, tool sheds, and other indoor spaces. It features a compact design with high heat output and user-friendly controls.

- **High Efficiency:** 7500-watt heater with a maximum BTU output of 25,597, capable of heating up to 750 square feet.
- **Durable Construction:** Made of heavy-duty steel material with durable heating elements for long life.
- **Thermostat Control:** Built-in thermostat allows temperature adjustment to suit preferences.
- **ECO Mode:** Smart ECO mode automatically adjusts or turns off based on ambient temperature for energy saving.
- **Timer Function:** Auto shut-off timer (1-8 hours) helps manage energy consumption.
- **Convenient Operation:** Includes a full-featured remote control and LED touchscreen display for easy adjustments.
- **Adjustable Airflow:** Adjustable louvers and variable mounting tilt angle allow precise control of airflow direction.

- **Space-Saving Design:** Compact design suitable for wall or ceiling mounting.



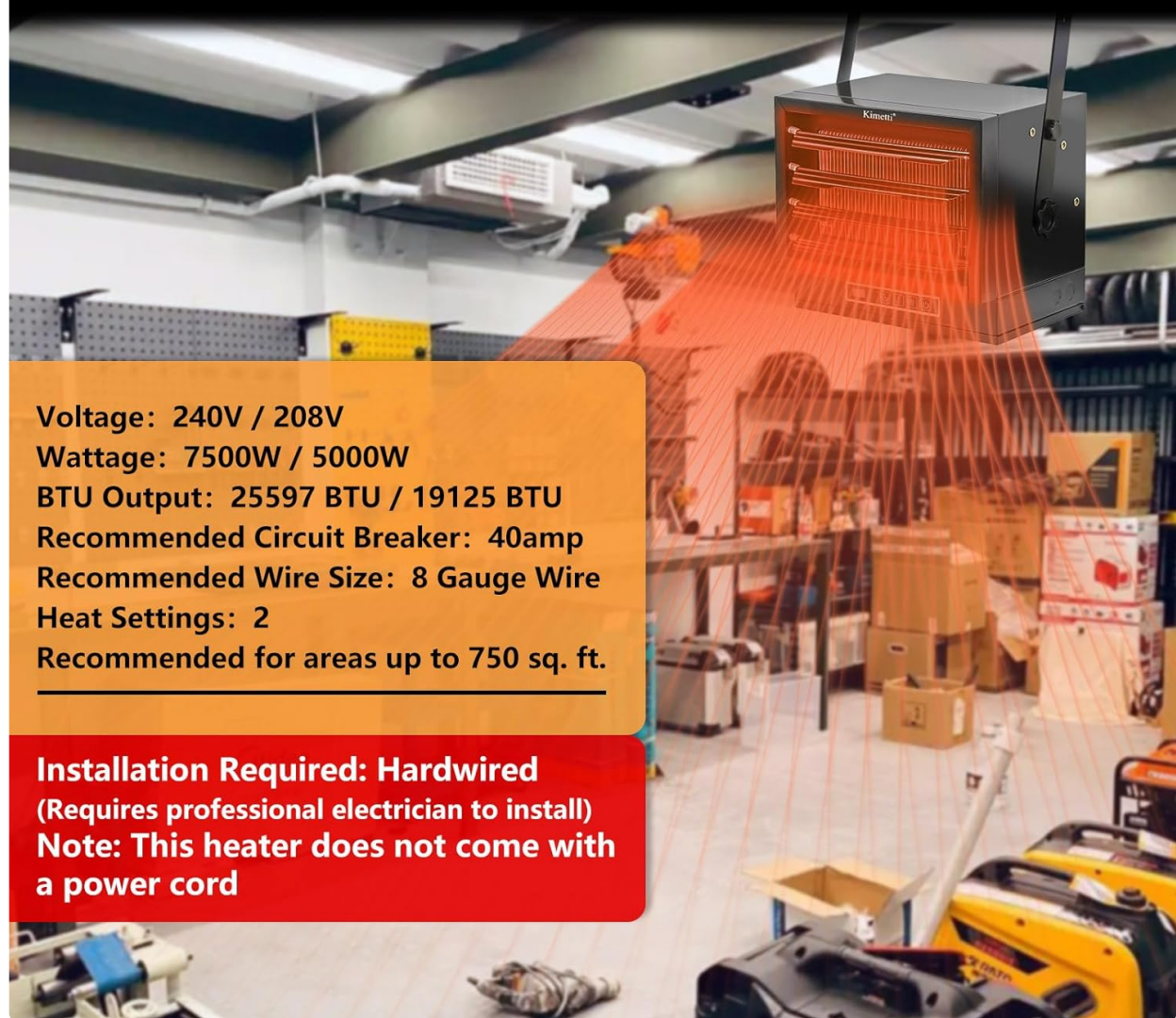
Figure 3: Front view of the Barphygo Electric Garage Heater with remote.

REMOTE CONTROL DIGITAL TOUCH PANEL



Figure 4: Key components and controls of the heater.

STAY WARM & NO MORE COLD



Voltage: 240V / 208V
Wattage: 7500W / 5000W
BTU Output: 25597 BTU / 19125 BTU
Recommended Circuit Breaker: 40amp
Recommended Wire Size: 8 Gauge Wire
Heat Settings: 2
Recommended for areas up to 750 sq. ft.

Installation Required: Hardwired
(Requires professional electrician to install)
Note: This heater does not come with a power cord

Figure 5: Detailed specifications and heating capacity.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your heater. It is recommended to hire a professional electrician for hardwired installation.

1. **Location:** For effective vertical airflow, locate the heater at least 8 inches away from any walls and at least 6 feet away from the floor.
2. **Mounting:**
 - Locate a ceiling joist or other firm support to mount the heater.
 - Drill two pilot holes off-center for the screws.
 - Install the bracket with the included screws and washers.
 - Unscrew the small and large knobs on both sides of the heater.
 - Lift the heater, align the lower bracket holes with the threaded holes for the large knob-screws on both sides and tighten.
 - Aim the heater horizontally or tilt by aligning the upper bracket holes with the threaded holes for the small knob-screws on both sides and tighten.

3. Hardwiring:

- Remove all screws from the bottom panel of the heater.
- Run the wiring through a cut-out on the side of the heater.
- Connect the wire to the power block as instructed (Black wire to L1, Red wire to L2, Green wire to ground).
- Install the bottom panel back and tighten it with screws.

4. **Adjust Louvers:** Adjust the louvers in front of the heater as desired. Do not operate the heater with the front louvers closed.



Figure 6: Step-by-step installation guide.

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Video 1: Official installation guide for the Electric Garage Heater. This video demonstrates the process of wiring and mounting the heater.

4. OPERATING INSTRUCTIONS

The Barphygo Electric Garage Heater offers convenient operation via its LED touchscreen display and a full-featured remote control.

- **Power On/Off:** Use the power button on the unit's touchscreen or the remote control to turn the heater on or off.
- **Temperature Adjustment:** Adjust the desired temperature using the controls on the LED touchscreen or the remote control. The built-in thermostat will maintain the set temperature.
- **ECO Mode:** Activate the smart ECO mode for energy-efficient operation. The heater will automatically adjust its working mode or turn off based on the current ambient temperature.
- **Timer Function:** Set the auto shut-off timer for 1 to 8 hours to automatically turn off the heater after a specified duration.
- **Adjusting Louvers:** Manually adjust the louvers to direct the airflow for efficient heating. Ensure louvers are not closed during operation.

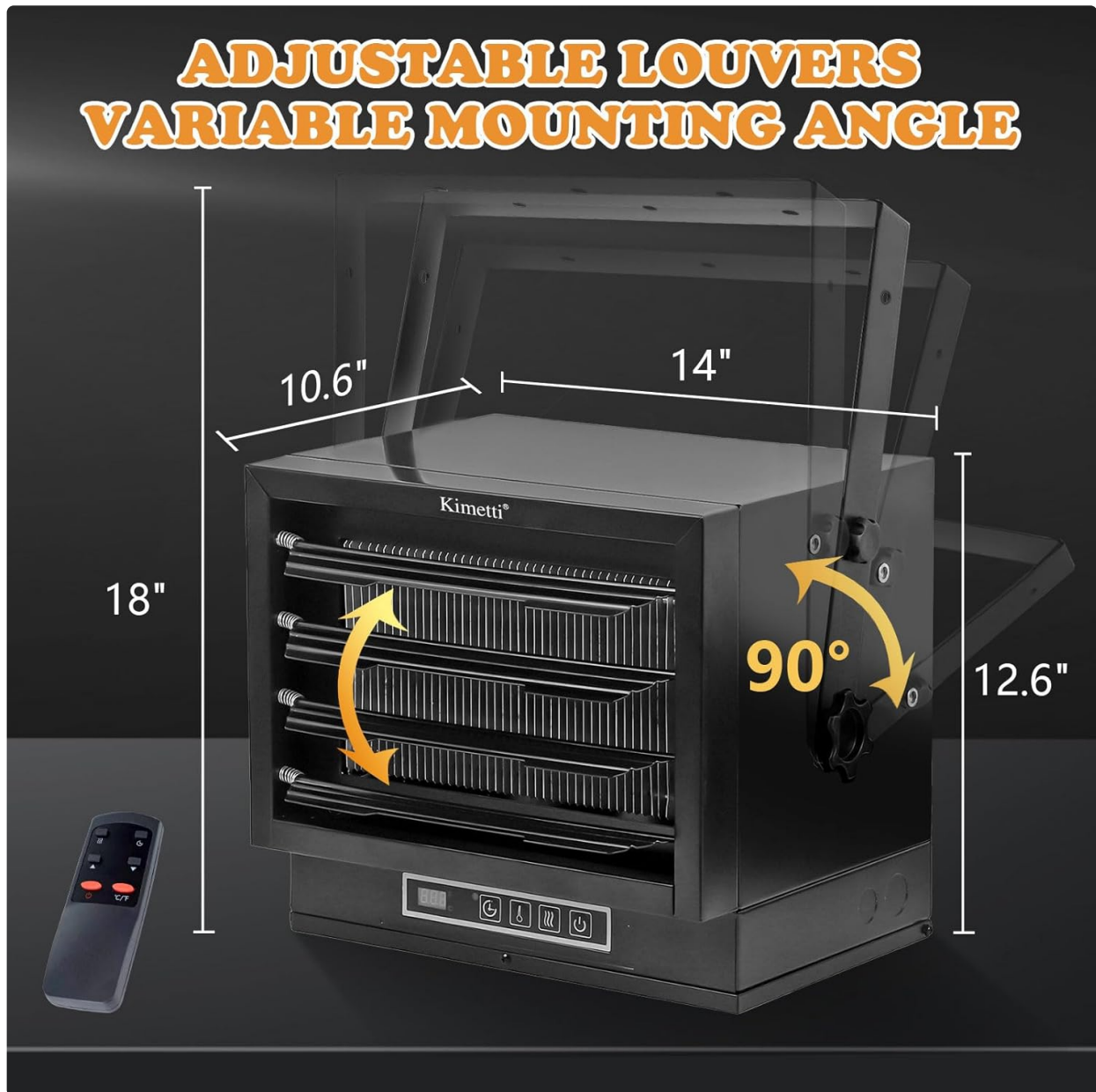


Figure 7: Adjustable louvers and tilt angle for directing heat.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater. Always disconnect power before performing any maintenance.

- **Cleaning:** Periodically clean the exterior of the heater with a soft, damp cloth. Ensure the unit is completely cool and unplugged before cleaning.

- **Air Intake/Outlet:** Keep the air intake and outlet areas free from dust and debris to ensure proper airflow and prevent overheating.
- **Storage:** If storing the heater for an extended period, ensure it is clean, dry, and stored in a safe, cool location.

6. TROUBLESHOOTING

If you encounter issues with your Barphygo Electric Garage Heater, refer to the following common troubleshooting steps. For complex issues, contact customer support or a qualified technician.

Problem	Possible Cause	Solution
Heater does not turn on.	No power, circuit breaker tripped, overheat protection activated.	Check power supply. Reset circuit breaker. Allow unit to cool down if overheat protection is active.
Insufficient heating.	Incorrect temperature setting, obstructed airflow, room size too large.	Increase temperature setting. Clear any obstructions from air intake/outlet. Ensure heater is appropriate for room size.
Remote control not working.	Dead batteries, remote out of range, obstruction between remote and unit.	Replace remote batteries. Ensure clear line of sight to the heater's receiver.

7. SPECIFICATIONS

Feature	Detail
Brand	Barphygo
Model Number	GH7500W
Special Features	Digital Display, Electronic Thermostat, On Off Timer, Overheat Protection, Remote Control
Color	Black
Indoor/Outdoor Usage	Indoor
Product Dimensions	10.6"D x 13.9"W x 12.6"H
Recommended Uses	Garage, Workshop, Tool Sheds
Mounting Type	Ceiling & Wall Mount
Heating Coverage	Up to 750 square feet
Fuel Type	Electric
Voltage	240 Volts
Amperage	31 Amps

Feature	Detail
Item Weight	22 pounds

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Barphygo customer service directly. Keep your purchase receipt for warranty claims.

Visit the [Barphygo Store](#) for more information.