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TEMPWARE 10000W Electric Garage Heater

TEMPWARE 10000W Electric Garage Heater User Manual

Model: 10000W Electric Garage Heater

1. Introduction

Thank you for choosing the TEMPWARE 10000W Electric Garage Heater. This manual provides essential information for the safe installation, operation, and maintenance of your heater. Please read all instructions carefully before use and retain this manual for future reference.

2. Important Safety Instructions

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following:

- This heater is designed for hardwired installation. A qualified electrician must perform the installation in accordance with the (US) National Electric Code and local codes.
- Ensure the heater is properly grounded.
- 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.
- Do not use outdoors. This heater is intended for indoor use only.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains, at least 3 feet (0.9 m) from the front of the heater and away from the sides and rear.
- To prevent a possible fire, do not block air intakes or exhaust in any manner.
- The heater is equipped with a built-in sensor that automatically switches the device off if it overheats. If this occurs, allow the unit to cool down before attempting to restart.
- Always disconnect power before servicing or cleaning.

3. Product Overview

The TEMPWARE 10000W Electric Garage Heater is designed for efficient heating of large spaces. It features multiple control options and robust construction.



Figure 3.1: The complete TEMPWARE 10000W Electric Garage Heater package, including the main heating unit, the 15-foot 6 AWG power cord with a 3-prong NEMA 6-50P plug, the wireless remote control, and a smartphone screen illustrating the WiFi control application.

3.1 Key Features

- **Multiple Control Options:** Remote control, WiFi app control, and an intuitive touch control panel.
- **Adjustable Thermostat:** Allows temperature settings from 45°F to 95°F.
- **Overheat Protection:** Automatic shutdown feature for safety.
- **Heavy-Duty Construction:** Durable design for demanding environments.
- **Flexible and Weather-Resistant Power Cord:** 15-foot, 6 AWG, 3-wire STW cord with NEMA 6-50P plug, designed for durability.

4. Installation

IMPORTANT: Installation must be performed by a qualified electrician. Ensure power is disconnected at the

circuit breaker before beginning installation.

4.1 Mounting the Heater

The heater is designed for overhead mounting. Ensure the mounting surface can support the weight of the heater and that there is adequate clearance from combustible materials.

4.2 Electrical Connection

The heater requires a hardwired connection to a properly sized current protection circuit breaker. The included power cord is NEMA 6-50P, 6-AWG, 3-Wires, STW, 50 Amp, 250V.

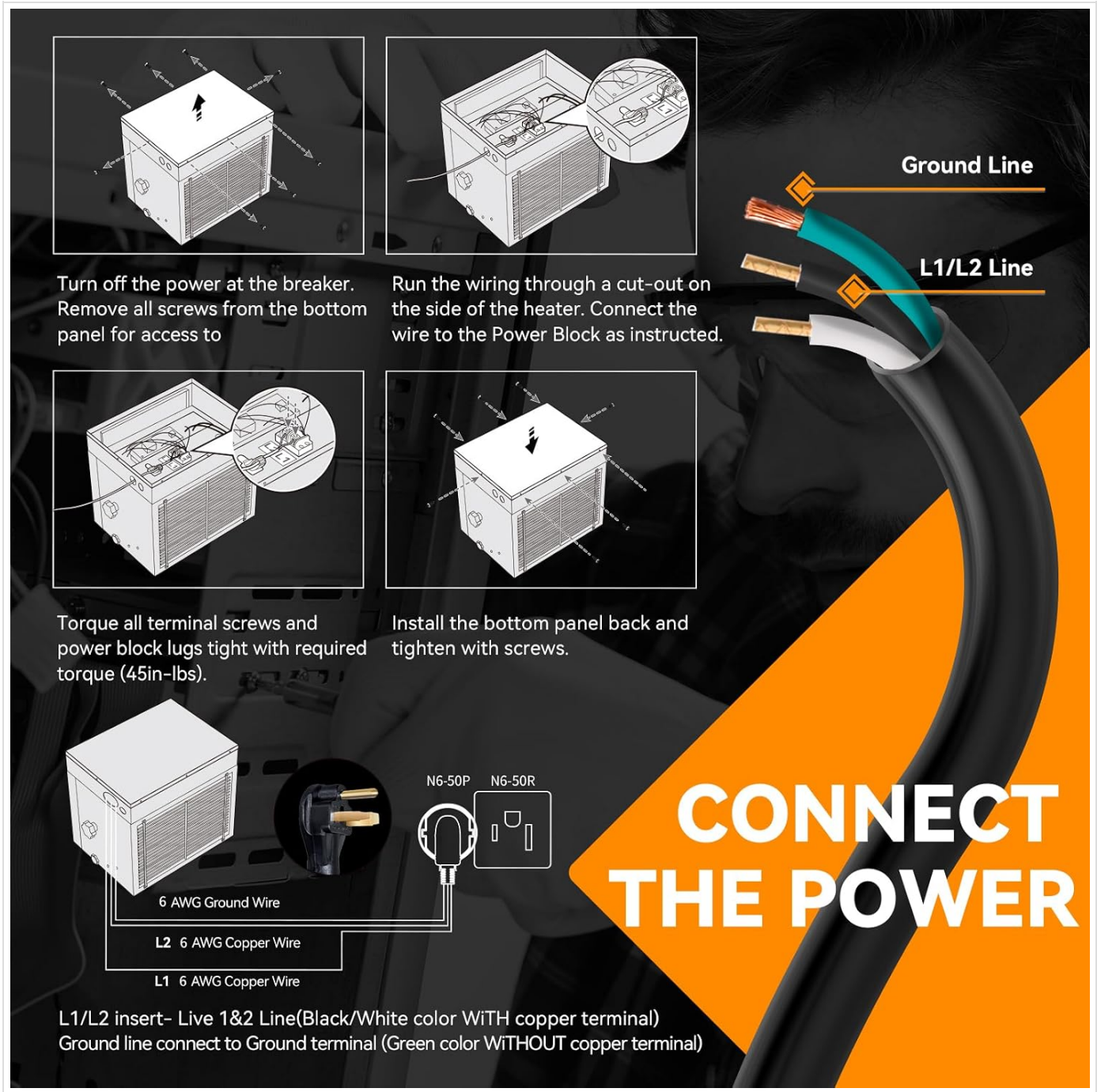


Figure 4.1: This series of diagrams illustrates the process of connecting the power cord to the TEMPWARE 10000W Electric Garage Heater. It shows how to access the wiring compartment, connect the ground, L1, and L2 lines to the power block, and secure the panel. It also depicts the NEMA 6-50P plug and receptacle.

1. Turn off the power at the main circuit breaker.
2. Remove all screws from the bottom panel of the heater to access the wiring compartment.

3. Run the wiring through the designated cut-out on the side of the heater.
4. Connect the wires to the power block as instructed:
    - L1/L2 Line (Black/White color) to copper terminals.
    - Ground Line (Green color) to the ground terminal (without copper terminal).
5. Torque all terminal screws and power block lugs tight with the required torque (45 inch-lbs).
6. Install the bottom panel back and tighten with screws.



Figure 4.2: This image provides key specifications for the electrical cord, indicating it is 6 AWG, 15 feet long, rated for 50 Amps and 250 Volts, and features a NEMA 6-50P plug. The heater is shown in the background, with a person in a workshop setting.



Figure 4.3: This diagram details the construction of the heavy-duty STW power cable supplied with the TEMPWARE 10000W Garage Heater. It highlights the internal copper wires and the protective PVC jacket, emphasizing durability and safety.

5. Operation

The TEMPWARE 10000W Electric Garage Heater offers three methods of control: the integrated touch control panel, the remote control, and a smartphone application via WiFi.



Figure 5.1: This image highlights the dimensions of the TEMPWARE 10000W Electric Garage Heater, showing its width as 17.7 inches (44.95 cm), depth as 15.7 inches (44.95 cm), and height as 18.1 inches (45.97 cm). It also illustrates the three control methods: smartphone app, remote control, and the integrated touch control panel.

5.1 Touch Control Panel

The control panel on the heater unit allows direct adjustment of settings:

- **ON/OFF:** Power the unit on or off.
- **°F/°C Conversion:** Switch between Fahrenheit and Celsius temperature display.
- **Timer Setting:** Set an automatic shut-off timer.
- **TEMP+/TEMP-:** Adjust the desired temperature. The thermostat range is 45°F to 95°F.
- **ECO Mode:** Activate energy-saving mode.

5.2 Remote Control

The included remote control provides convenient access to all functions from a distance (up to 27 feet).



Figure 5.2: This image illustrates the remote control functionality of the TEMPWARE 10000W Electric Garage Heater, indicating a remote coverage of 27 feet and a heating capacity for areas up to 1,500 square feet. The heater is shown mounted in a garage, emitting heat.

- Buttons on the remote mirror the functions of the touch control panel (ON/OFF, TEMP+/-, ECO, Timer, °F/°C).

5.3 WiFi App Control

The heater can be controlled via a smartphone application, allowing for advanced scheduling and remote operation.



Figure 5.3: This image demonstrates the ease of controlling the TEMPWARE 10000W Electric Garage Heater using its dedicated smartphone application. A person is shown in a garage environment, adjusting the heater settings via their phone, with the heater mounted overhead.

1. Download the TEMPWARE app from your smartphone's app store.
2. Follow the in-app instructions to connect your heater to your home WiFi network.
3. Once connected, you can control the heater's power, temperature, timer, and ECO mode from anywhere with an internet connection.

6. Maintenance

WARNING: Always disconnect power to the heater at the circuit breaker before performing any maintenance.

- **Cleaning:** Periodically wipe the exterior of the heater with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure no liquid enters the heater.
- **Air Vents:** Keep the air intake and exhaust vents clear of dust and debris to ensure proper airflow and prevent

overheating. Use a vacuum cleaner with a brush attachment to gently clean the vents.

- **Inspection:** Regularly inspect the power cord for any signs of damage, fraying, or wear. If damage is found, contact a qualified electrician for repair or replacement.

7. Troubleshooting

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Circuit breaker tripped.	Check the circuit breaker and ensure power is supplied to the unit. Verify proper wiring.
Heater turns off unexpectedly.	Overheat protection activated. Blocked air vents.	Allow the heater to cool down. Check and clear any obstructions from air vents. Ensure proper clearance around the unit.
Heater not heating effectively.	Temperature setting too low. Room size exceeds heating capacity.	Increase the desired temperature setting. Ensure the heater is appropriate for the room size (up to 1,500 sq.ft).
Remote control not working.	Batteries depleted. Obstruction between remote and heater.	Replace remote control batteries. Ensure a clear line of sight to the heater's receiver.
WiFi app control not connecting.	Incorrect WiFi credentials. Router issues. Heater not in pairing mode.	Verify WiFi network name and password. Restart your router. Follow app instructions to put the heater in pairing mode.

8. Specifications

Feature	Specification
Model	10000W Electric Garage Heater
Power Output	10000 Watts
Voltage	250V
Amperage	50 Amps
Power Cord	15 FT, 6 AWG, 3-Wire STW, NEMA 6-50P Plug
Thermostat Range	45°F to 95°F
Heating Coverage	Up to 1,500 sq.ft
Dimensions (W x D x H)	17.7 in (44.95 cm) x 15.7 in (44.95 cm) x 18.1 in (45.97 cm)
Control Methods	Touch Panel, Remote Control, WiFi App
ASIN	B0FSZZXXYB
Date First Available	July 10, 2025

9. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or contact TEMPWARE customer service directly. Keep your proof of purchase for warranty claims.

Brand: TEMPWARE

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