

TEMPWARE 5000-Watt Hardwired

TEMPWARE 5000-Watt Hardwired Electric Garage Heater Instruction Manual

Model: 5000-Watt Hardwired

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your TEMPWARE 5000-Watt Hardwired Electric Garage Heater. Please read all instructions carefully before installation and use. Retain this manual for future reference.

Important Safety Notice: Hardwired installation requires a certified electrician to ensure compliance with the National Electric Code and local regulations.

2. PRODUCT OVERVIEW AND FEATURES

The TEMPWARE 5000-Watt Hardwired Electric Garage Heater is designed to provide powerful heating for large areas such as garages and workshops. Key features include:

- **Adjustable Angle & 3 Heat Settings:** Offers adjustable louvers and variable mounting angles to direct air output. Provides 3,000, 4,000, and 5,000 watts of power, heating up to 592 square feet with 17,060 BTUs.
- **ECO Mode & Timer Function:** A built-in precise temperature sensor automatically adjusts operation or turns off based on ambient temperature. Features a 1-12 hour auto-off timer for energy efficiency.
- **Thermostat & Overheat Protection:** Integrated thermostat allows temperature adjustment from 45°F to 95°F. A safety sensor automatically switches the device off if it overheats.
- **Safe & Sturdy Structure:** Constructed from heavy-duty steel for durability and long service life. ETL certified for safe use.



Image: The TEMPWARE 5000-Watt Electric Garage Heater shown with its remote control, highlighting its robust design and heating elements.

3. SETUP AND INSTALLATION

This heater requires hardwired installation. It is strongly recommended that a qualified, licensed electrician perform the installation to ensure safety and compliance with all applicable electrical codes.

3.1 Wiring Instructions

1. Turn off the power at the main circuit breaker panel.
2. Remove all screws from the bottom panel of the heater to access the wiring compartment.
3. Run the wiring through a designated cut-out on the side of the heater.
4. Connect the wires to the Power Block as instructed in the wiring diagram (L1, L2, and Ground).
5. Torque all terminal screws and power block lugs tightly to the required specification (40 in-lbs).
6. Install the bottom panel back and tighten with screws.
7. Turn on power at the main circuit breaker panel. The heater is now ready for use.



Image: A detailed view of the heater's internal wiring compartment, showing connections for L1, L2, and ground wires, along with a diagram illustrating the connection to a service panel with double-pole breakers.

- eco** ECO Mode
-  Thermostat & Overheat Protection
-  Timer Function
- 90s** 90-Second Countdown Delay Protection

3.2 Mounting Instructions

The heater can be ceiling-mounted. Ensure you locate a ceiling joist or other firm support structure for secure mounting.

1. Install the provided mounting bracket securely to the ceiling using appropriate screws and washers.
2. Lift the heater and align the bracket holes with the corresponding holes on the heater.
3. Secure the heater to the bracket using the included knob-screws and washers.
4. Adjust the heater horizontally or tilt it by aligning the upper bracket holes with the threaded holes for the small knob-screws on both sides, then tighten.

Your browser does not support the video tag.

Video: A step-by-step guide demonstrating the hardwired installation process for the TEMPWARE 5000-Watt Electric Garage Heater, including wiring and mounting procedures.

4. OPERATING INSTRUCTIONS

Your TEMPWARE garage heater can be operated via the control panel on the unit or the full-function remote control.

4.1 Control Panel and Remote

The control panel features buttons for Power (On/Off), Mode, Timer, Temperature Up/Down, and ECO mode. The remote control duplicates these functions for convenient operation.



Image: The heater's control panel with digital display and buttons, alongside the full-function remote control, illustrating two-way control options.

4.2 Setting Heat and Temperature

- **Power On/Off:** Press the 'ON/OFF' button on the unit or remote.
- **Heat Settings:** Use the 'Mode' button to cycle through 3,000W, 4,000W, and 5,000W settings.
- **Temperature Adjustment:** Use the 'TEMP+' and 'TEMP-' buttons to set your desired temperature between 45°F and 95°F. The built-in thermostat will maintain this temperature.
- **ECO Mode:** Activate 'ECO' mode for automatic adjustment of heating based on ambient temperature, optimizing energy consumption.
- **Timer Function:** Press the 'Timer' button to set an auto-off timer from 1 to 12 hours.

4.3 Adjusting Airflow Louvers

Manually adjust the louvers on the front of the heater to direct the warm air output to your desired area.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Ensure the heater is turned off and unplugged (if applicable) before cleaning. Use a soft, damp cloth to wipe down the exterior. Do not use abrasive cleaners or allow water to drip into the interior.
- **Dust Removal:** Periodically remove dust from the heating elements and fan blades using a vacuum cleaner with a brush attachment or compressed air.
- **Inspection:** Regularly check the power cord and connections for any signs of damage or wear. If any damage is found, contact a qualified electrician for repair.

6. TROUBLESHOOTING

If you experience issues with your heater, refer to the following common problems and solutions:

- **Heater not turning on:**
 - Check the circuit breaker to ensure power is supplied to the unit.
 - Verify that the thermostat setting is higher than the ambient room temperature.
 - Ensure the overheat protection sensor has not been triggered. Allow the unit to cool down if it was recently running at high temperatures.
- **Fan not working, but heat is produced:** This indicates a potential issue with the fan motor. Discontinue use and contact customer support or a qualified technician.
- **Heater does not automatically restart after power outage:** This model requires manual restart after a power interruption.
- **Remote control not responding:** Check and replace the batteries in the remote control. Ensure there are no obstructions between the remote and the heater's sensor.

For persistent issues, please contact customer support.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	TEMPWARE
Model	5000-Watt Hardwired (Electric)
Power Output	3000W, 4000W, 5000W
Voltage	240 Volts
Amperage	20.83 Amps
Heating Coverage	Up to 592 square feet
Min Temperature Setting	45°F
Max Temperature Setting	95°F
Special Feature	Overheat Protection, ECO Mode, 12-Hour Timer, Remote Control
Dimensions	18"D x 15"W x 15"H

Item Weight	23.4 pounds
Certifications	ETL Certified

8. WARRANTY AND SUPPORT

For any assistance, questions, or warranty inquiries, please contact our support team:

- **Email:** customerservice@albatrossindustry.com
- You may also reach out via your Amazon account. Our team aims to reply within 24 hours.