TEMPWARE TW7500ERSC-EC

TEMPWARE 7500W Electric Garage Heater with WiFi Control

Model: TW7500ERSC-EC

1. Introduction

Thank you for choosing the TEMPWARE 7500W Electric Garage Heater. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new heater. Please read all instructions carefully before use and retain this manual for future reference.

This powerful 240V hardwired heater is designed to provide reliable warmth for large spaces such as garages, workshops, and warehouses. It features multiple control methods, including a remote, WiFi app, and an intuitive touch panel, allowing for convenient temperature management. With two power settings (6250W and 7500W) and adjustable airflow, you can customize heating to suit your needs, effectively warming areas up to 1250 sq ft.



The TEMPWARE 7500W Electric Garage Heater, showcasing its main unit, remote control, and smartphone application for convenient operation.

2. Important Safety Instructions

WARNING: To reduce the risk of fire, electric shock, or injury, read and understand all instructions before using this heater.

- **Professional Installation Required:** This unit must be hardwired by a qualified electrician to a properly sized, grounded circuit breaker in accordance with the National Electric Code and local codes. A power cord is not included.
- **Electrical Requirements:** Ensure the electrical supply matches the heater's requirements (240V). Do not use with extension cords.
- **Overheat Protection:** The heater is equipped with a built-in overheat protection sensor that automatically shuts off the unit if it reaches an unsafe temperature. If this occurs, turn off the heater, allow it to cool, and check for any obstructions.
- **Clearance:** Maintain adequate clearance from combustible materials. Do not block air intakes or outlets.
- **Moisture:** Do not use the heater in wet or damp locations. Keep water and other liquids away from the unit.
- **Supervision:** Close supervision is necessary when any appliance is used by or near children or individuals with reduced physical, sensory, or mental capabilities.

- **Maintenance:** Do not attempt to repair or adjust any electrical or mechanical functions on this unit. Refer all servicing to qualified personnel.

3. Product Overview

3.1 Components

The TEMPWARE 7500W Electric Garage Heater includes the main heating unit, a remote control, and is compatible with a smartphone application for comprehensive control. The unit features a robust metal casing, adjustable louvers, and a digital display with touch controls.





Detailed dimensions of the TEMPWARE heater, measuring 13.5 inches in width, 14.5 inches in depth, and 17.25 inches in height.

4. Setup and Installation

4.1 Mounting the Heater

The heater is designed for ceiling mounting. The included bracket allows for variable mounting angles to optimize heat distribution. Ensure the mounting surface is structurally sound to support the weight of the heater.

1. Select a suitable location on the ceiling, ensuring proper clearance from walls and other objects.
2. Securely attach the mounting bracket to the ceiling using appropriate hardware (not included, consult a professional for proper fasteners).
3. Attach the heater unit to the mounting bracket, adjusting the angle as desired. The unit can be tilted to direct airflow.



The heater offers multiple vertical mounting angles (0, 30, 60 degrees) and adjustable louvers to direct heat precisely where needed, suitable for diverse environments.

4.2 Electrical Wiring

This heater requires professional hardwired installation. A qualified electrician must perform all electrical connections to ensure compliance with safety standards and local electrical codes.

1. Ensure the main power supply to the installation area is turned OFF at the circuit breaker.
2. Remove the bottom access panel of the heater to expose the wiring compartment.
3. Knock out the appropriate conduit hole on the side of the heater for your wiring.

4. Connect the 240V power supply wires (L1, L2, and Ground) to the designated terminals inside the heater. Use copper wire only.
5. Secure all wiring connections and ensure no bare wires are exposed.
6. Reattach the bottom access panel.
7. Restore power at the circuit breaker.

5. Operating Instructions

Your TEMPWARE heater offers three convenient control methods: the onboard touch panel, the included remote control, and a smartphone application.

5.1 Control Panel and Remote Control

The control panel on the front of the unit and the remote control provide access to all primary functions.



This image illustrates the ease of use and wide coverage of the TEMPWARE 7500W heater, capable of heating up to 1250 sq ft with a 27 ft remote range.

- **Power ON/OFF:** Press the 'ON/OFF' button to turn the heater on or off.
- **Mode Selection:** Use the 'MODE' button to cycle through available heating modes (e.g., Low, High, Fan Only).
- **Temperature Adjustment:** Use the 'TEMP+' and 'TEMP-' buttons to set your desired temperature between 45°F and 95°F. The heater will automatically maintain this temperature.
- **Timer Function:** Press the 'TIMER' button to set an automatic shut-off timer from 1 to 12 hours.
- **ECO Mode:** Activate 'ECO' mode for energy-efficient operation.
- **°F/°C:** Toggle between Fahrenheit and Celsius temperature display.

5.2 WiFi App Control

For ultimate convenience, download the dedicated smartphone application to control your heater from anywhere.



Control your heater effortlessly using the dedicated smartphone application, allowing temperature adjustments, timer settings, and mode selection from anywhere.

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 remotely power on/off, adjust temperature, set timers, and change modes via the app.

5.3 Adjustable Airflow

The heater features adjustable louvers on the front. Manually adjust these louvers to direct the warm airflow to specific areas within your space, maximizing heating efficiency.



Designed for safety and performance, the heater provides two power settings: 6250W (Low) and 7500W (High), ensuring efficient heating for your workspace.

6. 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 the exterior surfaces. Do not use abrasive cleaners or solvents.
- **Air Vents:** Periodically check the air intake and output vents for dust, dirt, or any obstructions. Use a vacuum cleaner with a brush attachment to gently remove any buildup. Never block the vents during operation.
- **Inspection:** Annually, or if you notice any unusual operation, have a qualified electrician inspect the wiring and connections to ensure they are secure and in good condition.

7. Troubleshooting

If your heater is not operating correctly, consult the following table for common issues and solutions.

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; Circuit breaker tripped; Unit is off.	Check power supply; Reset circuit breaker; Turn unit on via control panel, remote, or app.
Heater runs but does not produce heat.	Thermostat set too low; ECO mode active; Fan-only mode selected.	Increase thermostat setting; Disable ECO mode; Select a heating mode.
Heater shuts off unexpectedly.	Overheat protection activated; Timer expired.	Turn off, allow to cool, check for obstructions; Check timer settings.
Remote control not working.	Dead batteries; Obstruction between remote and unit.	Replace remote batteries; Ensure clear line of sight to the heater.

If the problem persists after trying these solutions, please contact customer support.

8. Specifications

Feature	Detail
Brand	TEMPWARE
Model Number	TW7500ERSC-EC
Power Output	7500W (High), 6250W (Low)
Voltage	240V
Heat Output	25590 British Thermal Units
Heating Coverage	Up to 1250 sq ft
Temperature Range	45°F - 95°F
Control Methods	Remote, WiFi App, Touch Panel
Timer	1-12 Hours
Safety Features	Overheat Protection
Product Dimensions	13.5 x 14.5 x 17.25 inches
Included Components	Remote
Installation Type	Hardwired, Ceiling Mount

9. Warranty and Customer Support

For warranty information or any questions regarding your TEMPWARE 7500W Electric Garage Heater, please contact our customer support team. We are committed to providing assistance and ensuring your satisfaction.

Customer Support Email: customerservice@albatrossindustry.com

Please include your model number (TW7500ERSC-EC) and a detailed description of your issue when contacting support for faster service.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question