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TEMPWARE TW5000ERSC-EC

TEMPWARE 5000W Electric Garage Heater with WIFI Control User Manual

Model: TW5000ERSC-EC

1. Introduction

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

2. Safety Information

WARNING: Risk of Fire, Electric Shock, and Injury.

- This unit requires professional hardwired installation by a qualified electrician. It must be connected to a properly sized, grounded 240V circuit breaker in accordance with the National Electric Code and all local codes. A power cord is not included.
- Do not operate the heater with a damaged cord or plug, or after the heater malfunctions, has been dropped, or damaged in any manner.
- Do not use outdoors. This heater is intended for indoor use only.
- Maintain a safe distance from combustible materials.
- Ensure proper ventilation during operation.
- 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.
- The heater is equipped with an overheat protection sensor that automatically switches the unit off if it reaches an unsafe temperature. If this occurs, disconnect power, allow the unit to cool, and inspect for obstructions before restarting.

3. Package Contents

- TEMPWARE 5000W Electric Garage Heater (Model: TW5000ERSC-EC)
- Remote Control
- Mounting Hardware (screws, bracket)
- User Manual

4. Product Overview

4.1 Product Overview

The TEMPWARE 5000W Electric Garage Heater is designed for efficient heating of workshops and warehouses, offering multiple control options and safety features.



Figure 4.1: Front view of the TEMPWARE 5000W Electric Garage Heater, showcasing the unit, included remote control, and a smartphone displaying the control app interface.



Figure 4.2: Close-up of the remote control unit, featuring buttons for power, temperature adjustment, timer, and fan speed.



Figure 4.3: Diagram illustrating the physical dimensions of the heater: 13.5 inches (34.3 cm) height, 14 inches (35.6 cm) width, and 10.6 inches (26.9 cm) depth.

5. Setup and Installation

Proper installation is critical for safety and performance. This heater is designed for ceiling mount applications.

5.1 Electrical Connection

- **Hardwired Installation:** The unit must be hardwired to a dedicated 240V AC circuit. This installation must be performed by a qualified electrician.
- Ensure the circuit breaker is appropriately sized for a 5000W, 240V appliance (approximately 20.8 Amps, typically requiring a 30 Amp circuit breaker).
- All wiring must comply with the National Electric Code (NEC) and local electrical codes.
- A power cord is not supplied with the unit and must be purchased separately and installed by the electrician.

5.2 Mounting

- The heater is designed for ceiling mounting. Use the provided mounting bracket and hardware.
- Ensure the mounting surface can safely support the weight of the heater.
- The heater features adjustable vertical angles (0°, 30°, 60°) to direct heat effectively.



Figure 5.1: Illustrations showing the heater mounted at various vertical angles (0°, 30°, and 60°) to optimize heat distribution.

6. Operating Instructions

Your TEMPWARE heater offers multiple control methods for convenience.

6.1 Control Methods

- **Remote Control:** Use the included remote to power on/off, adjust temperature, set the timer, and change power settings from a distance.
- **WIFI Control (Smartphone App):** Download the dedicated smartphone app to control the heater remotely. This allows for preheating your space and monitoring status via your smartphone.

- **Touch Panel:** The integrated touch panel on the unit provides direct control for all functions.

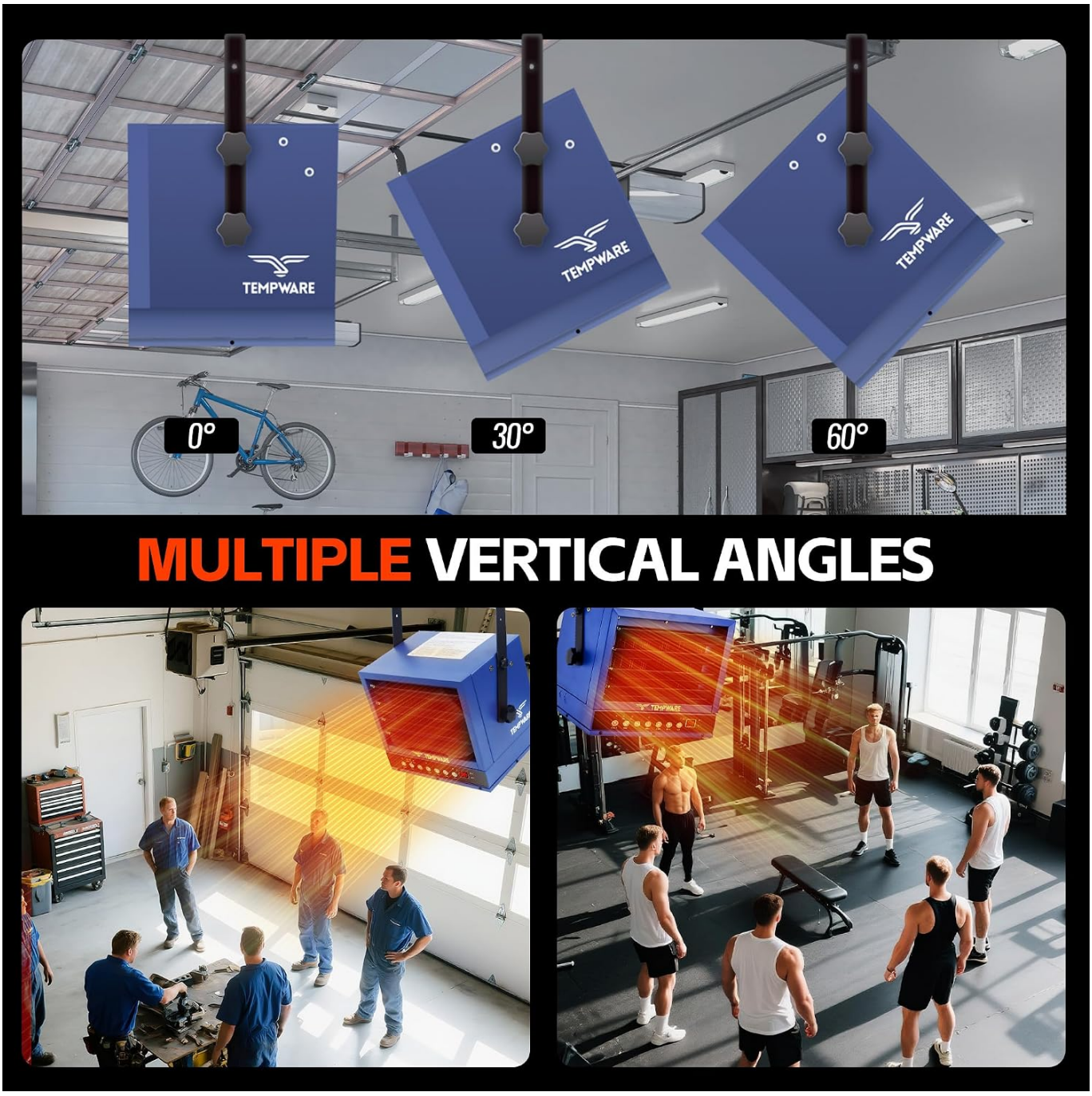


Figure 6.1: A smartphone screen displaying the heater's control application, allowing users to power on/off, adjust temperature, and select modes.

6.2 Power Settings

The heater offers three adjustable power levels:

- **3,000W**
- **4,000W**
- **5,000W**

Select the appropriate power setting based on the desired heat output and room size. The 5000W setting provides 17,060 BTU heat output, capable of warming spaces up to 592 sq ft.



Figure 6.2: Visual representation of the three available power settings: 3000W, 4000W, and 5000W.

6.3 Thermostat and Timer

- **Adjustable Thermostat:** Set your desired temperature between 45°F and 95°F. The heater will cycle on and off to maintain the set temperature.
- **Programmable Timer:** Utilize the timer function to set operation duration from 1 to 12 hours, enhancing energy efficiency and convenience.

6.4 Adjustable Airflow

The heater features adjustable louvers, allowing you to direct the heat output to specific areas within your space.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Ensure the heater is turned off and unplugged (or circuit breaker is off) before cleaning. Use a soft, damp

cloth to wipe the exterior. Do not use abrasive cleaners or allow water to drip into the heater.

- **Air Intake/Outlet:** Periodically check and clean the air intake and outlet grilles to ensure they are free from dust and debris, which can impede airflow and reduce efficiency.
- **Storage:** If storing the heater for an extended period, ensure it is clean and dry. Store in a cool, dry place.

8. Troubleshooting

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

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; Overheat protection activated; Unit not properly hardwired.	Check circuit breaker. Allow unit to cool if overheat protection engaged. Verify professional hardwiring.
Heater produces insufficient heat.	Incorrect power setting; Thermostat set too low; Room size exceeds heating capacity.	Increase power setting. Adjust thermostat to a higher temperature. Ensure room size is within 592 sq ft.
Remote control or app not responding.	Remote batteries depleted; App not connected to WIFI; Signal interference.	Replace remote batteries. Ensure smartphone is connected to the same WIFI network as the heater. Reduce interference.
Heater turns off unexpectedly.	Overheat protection activated; Timer function engaged.	Allow unit to cool. Check if timer is set.

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

9. Specifications

Feature	Specification
Brand	TEMPWARE
Model Number	TW5000ERSC-EC
Power Output	3000W / 4000W / 5000W (Adjustable)
Voltage	240 Volts (AC)
Heating Coverage	Up to 592 sq ft
Thermostat Range	45°F - 95°F
Timer Range	1 - 12 Hours
Control Methods	Remote, WIFI App, Touch Panel
Special Features	ECO Mode, Overheat Protection, Thermostat, WiFi Control
Product Dimensions	13.5 x 14.5 x 17.25 inches
Included Components	Remote

10. Warranty Information

For warranty details, please refer to the specific warranty documentation provided with your purchase or contact the seller directly. Keep your proof of purchase for any warranty claims.

11. Customer Support

Should you require assistance or have questions regarding your TEMPWARE heater, please contact our support team:

- **Email:** customerservice@albatrossindustry.com
- You may also reach out for support via your Amazon account for product-related inquiries.

Our local support team aims to respond within 24 hours.

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