

TURBRO GH15K Smart

TURBRO GH15K Smart 15,000W Electric Garage Heater User Manual

Model: GH15K Smart | Brand: TURBRO

1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before using this heater. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- **Professional Installation Required:** This heater must be hardwired to a single-phase 240V AC connection by a licensed electrician in accordance with all national and local electrical codes. A power cord is not included.
- **Electrical Requirements:** The GH15K Smart requires an 80 AMP or larger circuit breaker and 4 AWG or larger copper wire, rated at 167°F (75°C) or higher. Use copper wire ONLY.
- **Clearances:** Maintain minimum distances from walls, ceiling, and floor as specified in the installation section to prevent fire hazards.
- **Overheat Protection:** The heater is equipped with an automatic shut-off feature to prevent overheating. If activated, allow the unit to cool before restarting.
- **ETL Listed:** This product is ETL-listed for safe use, ensuring it meets recognized safety standards.
- Do not use this appliance outdoors or in areas with flammable substances.

2. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package.

- 1 x TURBRO GH15K Smart 15,000W Electric Garage Heater
- 1 x Remote Control
- Mounting Hardware (Lag bolts, expansion bolts)
- User Manual

3. SPECIFICATIONS

Brand	TURBRO
Model Number	GH15K Smart
Power Output	15,000 W / 51,194 BTU
Voltage	240 Volts (AC)
Amperage	80 Amps (requires 80 AMP or larger circuit breaker)
Heating Coverage	1,600-2,500 sq.ft.
Temperature Range	45-95°F
Timer Options	1-12 hours
Mounting Type	Ceiling Mount / Wall Mount
Product Dimensions	21.8"D x 20.5"W x 23.4"H
Item Weight	47.4 pounds
Special Features	Adjustable Temperature, Fast Heating, On/Off Timer, Remote Control, Wi-Fi Enabled

The GH15K Smart is designed to provide efficient heating for large areas, distributing warmth rapidly with its integrated fan. Its smart features allow for convenient control and customizable heating.



Image: This diagram illustrates the heating coverage capabilities of various TURBRO garage heater models, including the GH15K Smart, which covers 1,600-2,500 sq. ft.

4. INSTALLATION

4.1 Mounting the Heater

The TURBRO GH15K Smart heater can be mounted on a ceiling or wall. The adjustable mounting angles and louvers allow for precise direction of heated air. Ensure the mounting structure can reliably support the weight of the heater.



Image: This image highlights the adjustable mounting angles and louvers on the TURBRO GH15K Smart heater, allowing users to direct heat effectively.

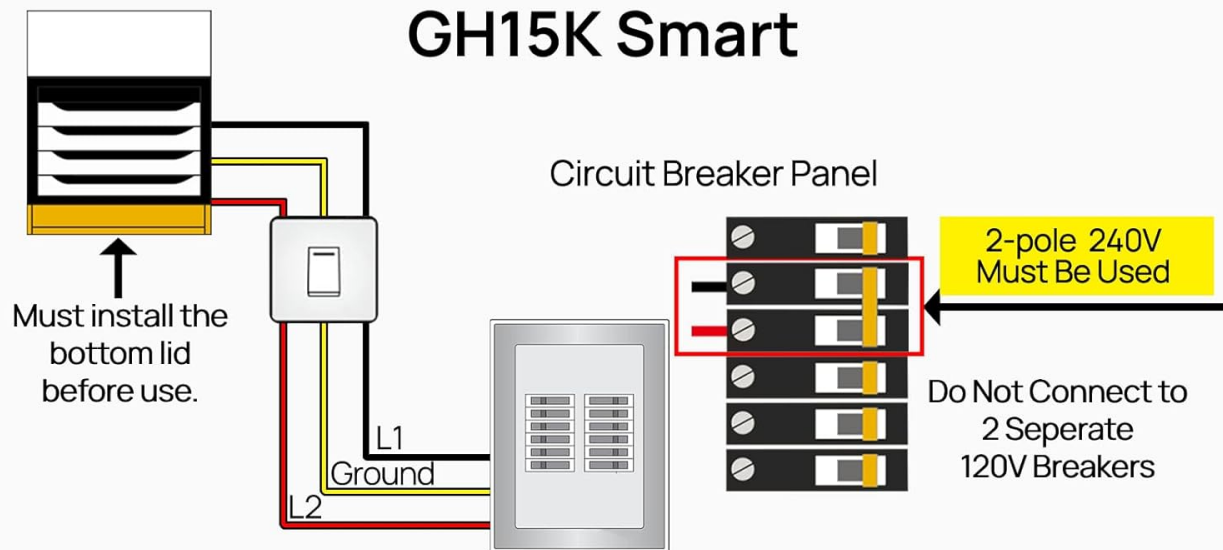
4.2 Electrical Wiring

WARNING: Electrical installation must be performed by a licensed electrician in accordance with all national and local electrical codes. Failure to do so may result in fire, electric shock, or serious injury.

- The heater requires a single-phase 240V AC connection.
- A power cord is NOT included.
- Connect to an 80 AMP or larger circuit breaker.
- Use 4 AWG or larger copper wire, rated at 167°F (75°C) or higher.
- Ensure all wires are securely tightened.

Hardwired Installation Required

GH15K Smart



- Must be installed by a certified electrician.
- Connects to single-phase 208-240V A.C.
- Does not include power cord.
- Uses 4 AWG, rated at 167°F or higher wire.
- Uses COPPER wire ONLY.

Image: This diagram illustrates the hardwired installation process for the GH15K Smart heater, detailing connections to a circuit breaker panel and specifying wire gauges and types.

5. OPERATING INSTRUCTIONS

5.1 Control Panel and Remote Operation

The heater can be operated directly from its integrated control panel or using the included remote control. The control panel features buttons for power, temperature adjustment, and timer settings.

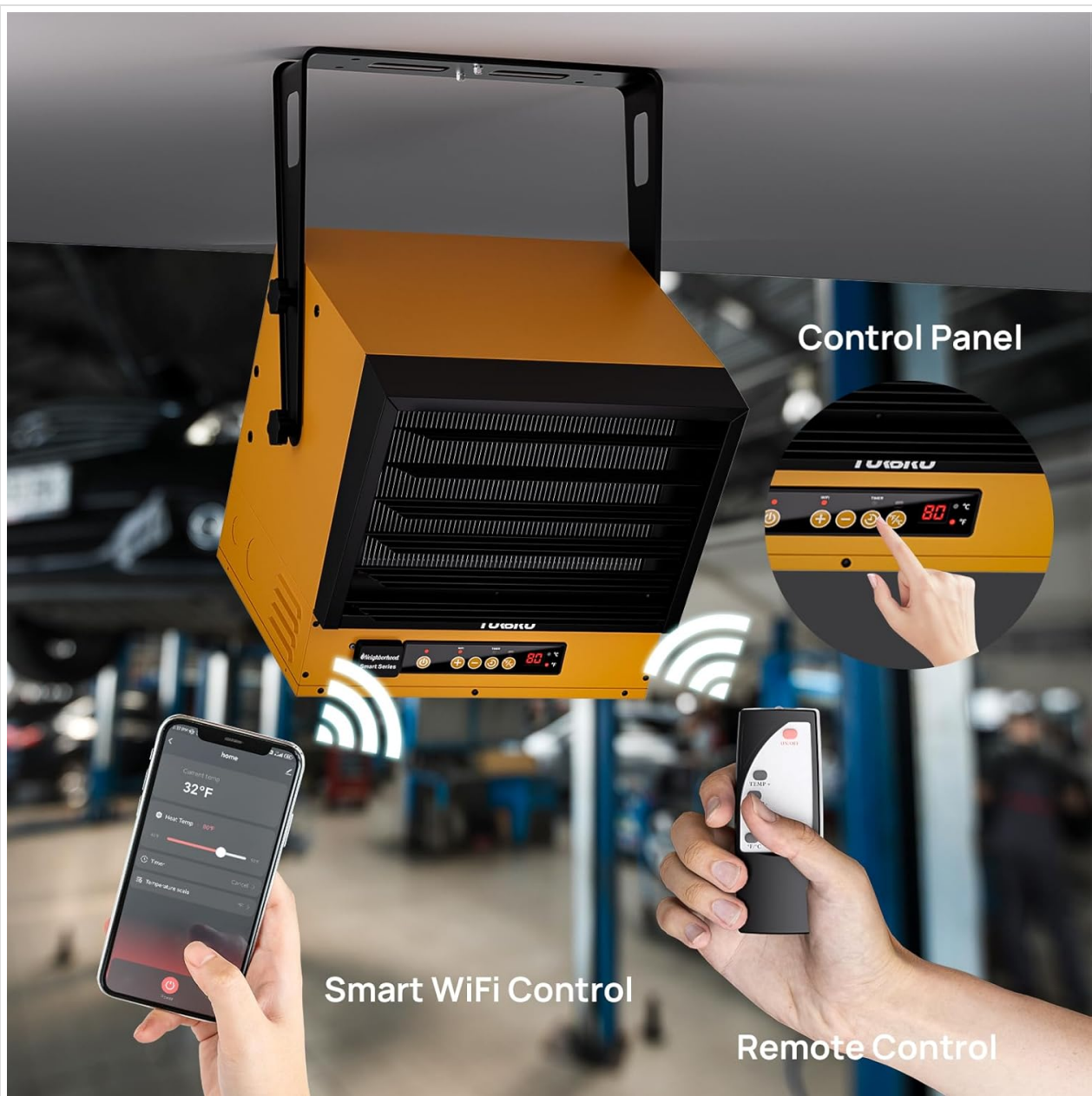


Image: This image displays the heater's control panel with its buttons and the handheld remote control, offering multiple ways to manage settings.

5.2 WiFi App Control

For enhanced convenience, the GH15K Smart heater is WiFi-enabled, allowing you to control it remotely via a dedicated smartphone application. This feature provides flexibility to adjust settings from anywhere within your home's WiFi range.

FAST HEATING IN SECONDS



Image: This image shows the smartphone app interface for the TURBRO GH15K Smart heater, demonstrating remote control capabilities for temperature and timer settings.

5.3 Temperature and Timer Settings

The heater offers a wide temperature range from 45°F to 95°F, allowing you to set your desired comfort level. The extended timer options, from 1 to 12 hours, provide flexibility for scheduled operation and energy efficiency.



Image: This graphic highlights the enhanced timer and temperature setting options available on the TURBRO Smart Series heaters, including the GH15K Smart.

6. 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. Do not use abrasive cleaners or solvents.
- **Air Intake/Outlet:** Ensure the air intake and outlet grilles are free from dust and debris. Use a vacuum cleaner with a brush attachment to gently clean these areas.
- **Internal Components:** Internal cleaning should only be performed by qualified service personnel.

7. TROUBLESHOOTING

If your heater is not operating correctly, consult the following common issues before contacting support.

Problem	Possible Cause	Solution
Heater does not turn on	No power, circuit breaker tripped, incorrect wiring.	Check power supply, reset circuit breaker, verify wiring connections (consult electrician).
Heater stops unexpectedly	Overheat protection activated, timer expired.	Allow unit to cool down, check for obstructions, verify timer settings.
Insufficient heating	Temperature setting too low, large area, poor insulation.	Increase temperature setting, ensure proper insulation, consider additional heat circulation.

8. WARRANTY AND SUPPORT

The TURBRO GH15K Smart Electric Garage Heater comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or general inquiries, please contact TURBRO customer service. Keep your proof of purchase for warranty validation.

Visit the official [TURBRO Store](#) for more information and product registration.