Broan-NuTone 194

Broan-NuTone Model 194 High Capacity Wall Heater Instruction Manual

Introduction

This manual provides instructions for the safe and efficient operation, installation, and maintenance of your Broan-NuTone Model 194 High Capacity Wall Heater. This heater is designed to provide supplemental heat for residential and light commercial use, covering areas up to 300 square feet.

Important Safety Information

Read all instructions before installing or using this heater. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Extreme caution is necessary when any heater is used by or near children or individuals with reduced physical, sensory, or mental capabilities. Never leave the heater operating unattended.
- Do not operate any 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.
- This heater is not intended for use in bathrooms, laundry areas, or similar indoor locations where it may come into contact with water. Never locate the heater where it may fall into a bathtub or other water container.
- Do not run the power cord under carpeting. Do not cover the cord with throw rugs, runners, or similar coverings. Arrange the cord away from traffic areas to prevent tripping hazards.
- To disconnect the heater, turn controls to the 'off' position, then remove the plug from the outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening, as this may cause an electric shock, fire, or damage to the heater.
- To prevent a possible fire, do not block air intakes or exhaust openings in any manner. Do not use on soft surfaces, such as a bed, where openings may become blocked.
- A heater contains hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- This heater is designed for 240 Volt applications.

- This heater is equipped with a manual reset thermal overload protector for safety.

Product Overview

The Broan-NuTone Model 194 is a high-capacity wall heater featuring durable construction and user-friendly controls. It is designed to deliver efficient supplemental heat.

Key Features:

- High capacity heating: Factory wired for 3000W at 240 VAC, easily convertible to 1125W at 208 VAC, 1500W at 240 VAC, or 2250W at 208 VAC.
- Durable construction: Features a heavy-duty 18-gauge steel white grille with downflow louvers and a one-piece design with a baked enamel finish.
- Adjustable temperature control: Includes an adjustable, front-mounted thermostat.
- Efficient operation: Equipped with a permanently lubricated motor, high-efficiency blower wheel, and heavy-duty sheathed element with steel plate fins.
- Safety features: Includes a manual reset thermal overload protector and is UL listed.
- Fan-delay function: A built-in fan-delay allows the heating element to warm up before the fan starts, preventing cold air delivery, and keeps the fan running as the element cools to maximize heat delivery.



Image: An exploded view of the Broan-NuTone 194 wall heater, illustrating its internal components and external dimensions. The grille measures 20 1/4 inches by 16 3/8 inches, and the housing is 18 inches by 14 1/2 inches.

Setup and Installation

The Model 194 heater offers flexibility for installation, supporting both recessed and surface-mounted configurations. For detailed wiring diagrams and mounting procedures, refer to the comprehensive installation instructions included with your product. All electrical connections must be performed by a qualified electrician and comply with all local and national electrical codes.

Mounting Options:

- **Recessed Mounting:** The heater unit is designed to fit directly into a prepared wall opening.
- **Surface Mounting:** For installations where recessing is not feasible, the heater can be surface-mounted on the wall using appropriate accessories (sold separately).



Image: A collage showcasing the Broan-NuTone wall heater installed in diverse indoor environments, including a living room, bathroom, garage, and home office, demonstrating its adaptability for various spaces.

Operating Instructions

The Broan-NuTone Model 194 heater is controlled via an adjustable thermostat conveniently located on the front grille.

Adjusting Temperature:

1. Locate the temperature control dial on the front grille of the heater.
2. Turn the dial clockwise to increase the desired temperature setting.
3. Turn the dial counter-clockwise to decrease the desired temperature setting.
4. Once set, the heater will automatically cycle on and off to maintain the selected temperature, providing consistent warmth.

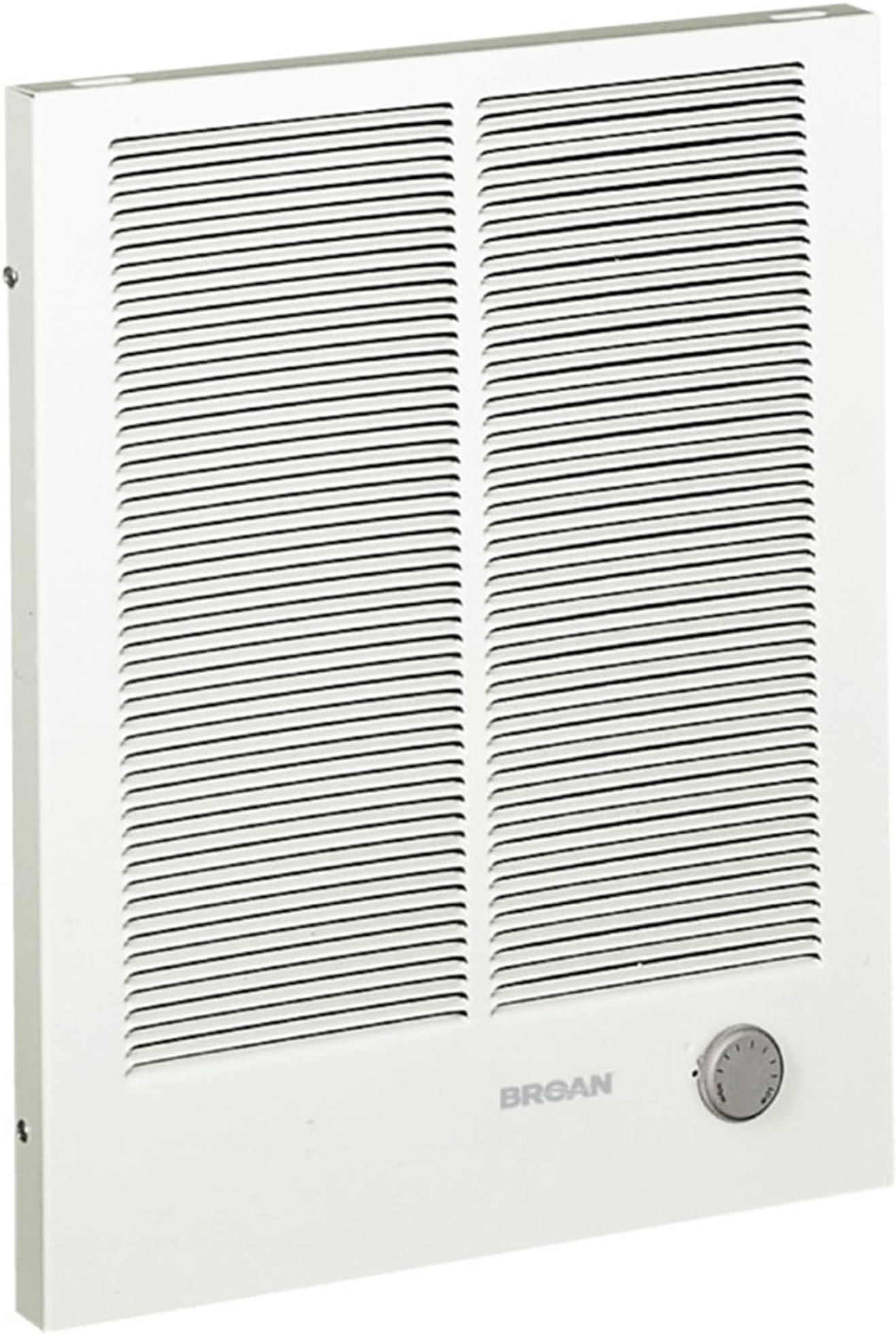


Image: The Broan-NuTone 194 wall heater mounted on a wall, with a magnified inset highlighting the adjustable temperature control dial on its grille for easy operation.

Maintenance

Regular maintenance is essential to ensure the optimal performance, efficiency, and longevity of your Broan-NuTone wall heater.

Cleaning the Grille:

- Always ensure the heater is turned off and completely cool before attempting any cleaning.
- Use a soft, slightly damp cloth to gently wipe down the exterior grille.
- Avoid using abrasive cleaners, harsh chemicals, or solvents, as these can damage the finish.
- Periodically use a vacuum cleaner with a brush attachment to remove any accumulated dust or debris from the grille openings, heating element, and fan area.

Internal Cleaning:

- For internal cleaning or any maintenance requiring access to internal components, it is strongly recommended to consult a qualified service technician.
- Do not attempt to disassemble the heater unless you are trained and qualified to do so, as this may pose an electrical hazard and void your warranty.

Troubleshooting

If your Broan-NuTone Model 194 wall heater is not functioning as expected, refer to the following table for common issues and potential solutions. If the problem persists after attempting these steps, contact customer support.

Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit, thermostat set too low, or thermal overload protector activated.	Check the circuit breaker for the heater's circuit. Increase the thermostat setting. If the thermal overload has tripped, allow the unit to cool down and it may reset automatically; if not, consult a qualified technician.
Heater produces insufficient heat.	Incorrect wattage setting (if convertible), room size exceeds heating capacity, or blocked air vents.	Verify the wattage setting is appropriate for your needs (refer to installation instructions for conversion). Ensure the heater's coverage area matches your room size. Clear any obstructions from the air intakes or exhaust grille.
Unusual noise during operation.	Loose internal components, debris in the fan, or motor issues.	Turn off and disconnect power to the heater. Carefully inspect the grille for any visible debris. If the issue persists or requires internal access, contact customer support or a qualified technician.

Specifications

Detailed technical specifications for the Broan-NuTone Model 194 High Capacity Wall Heater:

Feature	Detail
Brand	Broan-NuTone
Model Number	194
Wattage	3000 watts (convertible to 1125W, 1500W, 2250W)

Feature	Detail
Voltage	240 Volts
Amperage	12.5 Amps
Heating Coverage	Up to 300 square feet
Product Dimensions (D x W x H)	5.5"D x 16.4"W x 20.3"H
Material	Steel
Color	White
Special Feature	Adjustable Temperature; Fan-Delay Switch
Mounting Type	Wall-mounted

Warranty

The Broan-NuTone Model 194 High Capacity Wall Heater is covered by a 1-year limited warranty. This warranty covers defects in materials and workmanship under normal use. For complete details regarding warranty coverage, terms, and conditions, please refer to the warranty documentation included with your product or visit the official Broan-NuTone website.

Support

For technical assistance, inquiries about replacement parts, or any other support needs related to your Broan-NuTone Model 194 High Capacity Wall Heater, please contact Broan-NuTone customer service.

- **Website:** www.broan-nutone.com
- **Phone:** Please refer to your product packaging or the official Broan-NuTone website for the most current customer service contact numbers.

When contacting support, please have your product model number (194) and the date of purchase readily available to expedite service.

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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

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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