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Broan-NuTone 198

Broan-NuTone Model 198 High Capacity Wall Heater User Manual

Model: 198 | Brand: Broan-NuTone

Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Broan-NuTone Model 198 High Capacity Wall Heater. Please read all instructions carefully before installation and use, and retain this manual for future reference.

Safety Information

Always adhere to local electrical codes and safety regulations during installation and operation. Disconnect power before servicing. This heater is designed for supplemental heating and should not be used as a primary heat source.

Product Overview

The Broan-NuTone Model 198 is a high-capacity wall heater designed for residential and light commercial use. It features a durable steel grille, an adjustable thermostat, and a fan-delay system for efficient heating.



Image: The Broan-NuTone Model 198 Wall Heater, highlighting its wattage capabilities and UL listing.

This heater is factory-wired for 4000 Watts at 240 Volts AC and can be easily converted to 2000 Watts at 120 Volts AC, offering flexibility for various electrical setups. It is UL listed, ensuring compliance with safety standards.

Setup and Installation

The Model 198 heater can be installed either recessed into a wall or surface-mounted, depending on your specific application requirements. Refer to the detailed installation instructions provided with the product packaging for proper wiring and mounting procedures.

Dimensions



Image: Dimensional view of the Broan-NuTone Model 198 Wall Heater.

- **Height:** 20.25 inches
- **Width:** 16.38 inches
- **Depth:** 4.25 inches

Internal Components

FUNCTIONALITY

Heavy-Duty, Steel Grille Louvers Direct Air Downward for Even Heating & Durable White Grille Keeps its Appearance for Years



Image: Internal components of the heater, including the fan and heating element, and highlighting the manual reset thermal overload protector.

The heater features a heavy-duty 18-gauge steel grille with downflow louvers to direct heat towards the floor. It includes a permanently lubricated motor, a high-efficiency blower wheel, and a heavy-duty sheathed element with steel plate fins for efficient heat distribution. A manual reset thermal overload protector is integrated for safety.

Operating Instructions

The Model 198 heater is equipped with an adjustable, front-mounted thermostat for easy temperature control. To operate:

1. Ensure the heater is properly installed and connected to power.
2. Turn the thermostat knob to the desired heat level. The heater will begin to warm the area.
3. The built-in fan-delay feature ensures the heating element warms up before the fan starts, preventing cold air delivery. The fan continues to run as the element cools down to maximize heat delivery.
4. Adjust the thermostat as needed to maintain a comfortable room temperature.

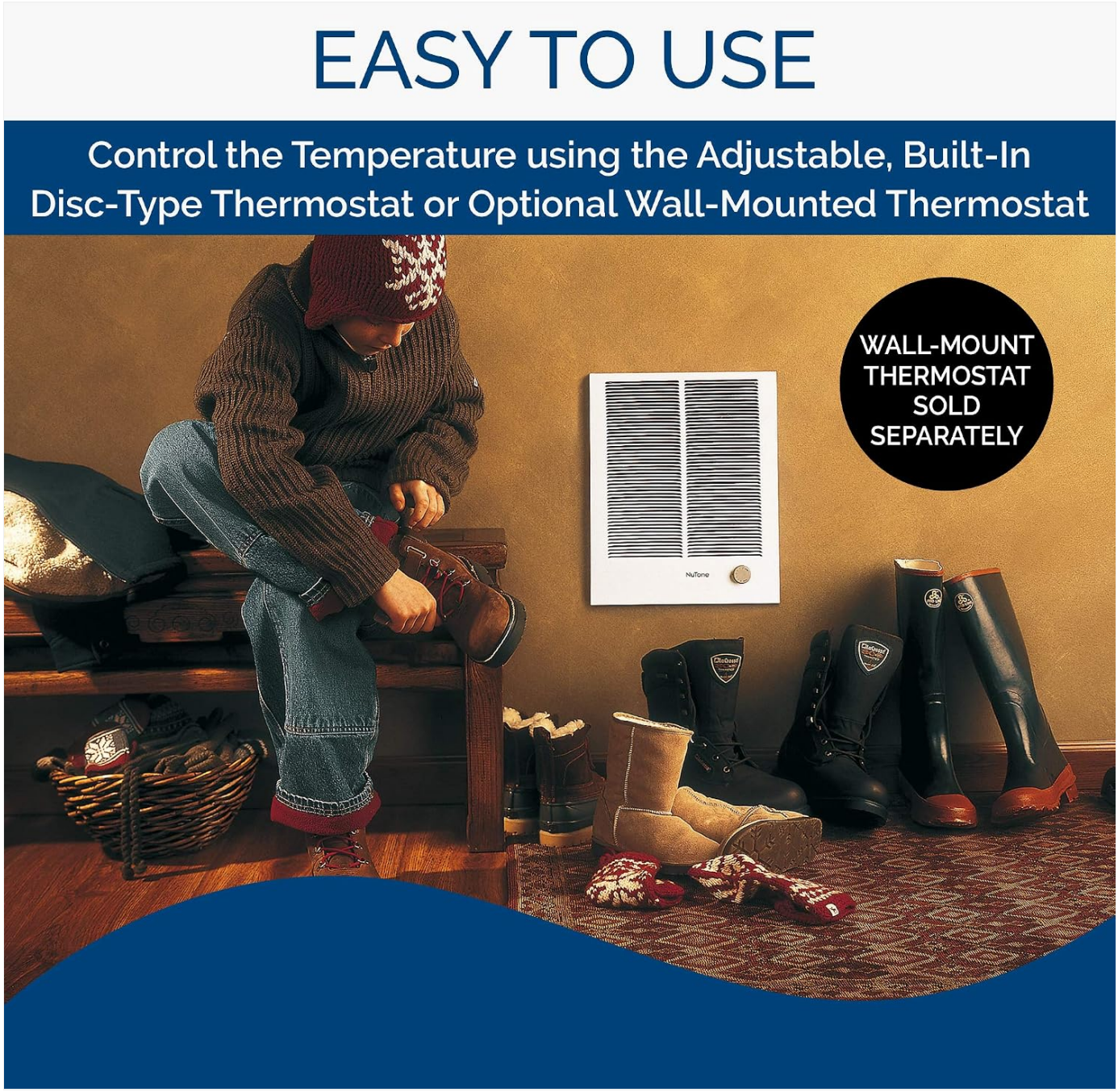


Image: Illustrates the ease of use with the adjustable thermostat.

Maintenance

Regular maintenance ensures optimal performance and longevity of your heater. Always disconnect power to the unit before performing any maintenance.

- **Cleaning:** Periodically clean the grille to remove dust and debris. Use a soft, damp cloth. Do not use abrasive cleaners.
- **Motor:** The motor is permanently lubricated and generally requires no additional lubrication.
- **Fan Noise:** If the fan becomes noisy, it may indicate issues with the motor mounting or bearing. Consult a qualified technician for inspection and repair. Ensure mounting nuts are tight to prevent vibration.
- **Thermal Overload Protector:** This safety feature may trip if the unit overheats. If the heater stops working, allow it to cool down and then attempt to reset the thermal overload protector. Refer to the troubleshooting section for more details.

Troubleshooting

If your heater is not functioning as expected, consult the following common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power, tripped circuit breaker, or tripped thermal overload protector.	Check power supply and circuit breaker. Allow unit to cool and reset the thermal overload protector (if accessible, otherwise consult manual for location).
Heater produces insufficient heat.	Incorrect wattage setting, thermostat set too low, or room size exceeds heating capacity.	Verify wattage setting (4000W for 240V, 2000W for 120V). Adjust thermostat to a higher setting. Ensure heater is appropriate for room size (265-400 sq ft).
Fan is excessively noisy.	Loose motor mounting, worn bearings, or debris in fan.	Disconnect power. Inspect fan for obstructions. If noise persists, consult a qualified technician for motor inspection and tightening of mounting hardware.
Heater cycles on and off frequently.	Thermostat setting too close to ambient temperature, or unit overheating.	Adjust thermostat setting. Ensure proper ventilation around the unit. If overheating is suspected, check for obstructions or consult a technician.

If problems persist after attempting these solutions, contact customer support or a qualified electrician.

Specifications

Feature	Detail
Brand	Broan-NuTone
Model Number	198
Power Output	4000W (240VAC) / 2000W (120VAC)
Voltage	240 Volts AC (convertible to 120 Volts AC)
Amperage	16.67 Amps (at 240V)
Product Dimensions (HxWxD)	20.25" x 16.38" x 4.25"
Item Weight	11 pounds
Color	White
Material	Steel
Mounting Type	Wall Mount (Recessed or Surface)
Heating Coverage	265-400 sq ft
Special Features	Adjustable Temperature, Fan-Delay, Manual Reset Thermal Overload Protector
UPC	026715022670

Warranty and Support

Warranty Information

The Broan-NuTone Model 198 High Capacity Wall Heater comes with a**1-year limited warranty**. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the documentation included with your product or visit the official Broan-NuTone website.

Customer Support

For technical assistance, replacement parts, or any questions regarding your Broan-NuTone product, please contact Broan-NuTone customer service. You can typically find contact information on the manufacturer's website or in the product packaging.
Visit the official Broan-NuTone Store for more information:Broan-NuTone Store

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