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Broan-NuTone 157

Broan-NuTone 157 Low-Profile Fan-Forced Ceiling Heater User Manual

Model: 157 | Brand: Broan-NuTone

Introduction

The Broan-NuTone 157 Low-Profile Fan-Forced Ceiling Heater is designed to provide supplemental warmth to various areas of your home, such as bathrooms, kitchens, and other living spaces. Its compact, low-profile design and satin aluminum finish ensure it blends seamlessly with most interior decors. This heater features an enclosed, metal sheath element for instant heat delivery and includes safety features like automatic overheat protection.

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Broan-NuTone 157 heater.

Safety Information

Always read and understand all instructions before installing or using this heater. Failure to follow these instructions could result in electric shock, fire, property damage, or personal injury. Keep this manual for future reference.

- Ensure power is disconnected at the service panel before installation or servicing.
- All wiring must comply with local electrical codes and ordinances.
- This heater is designed for supplemental heat and should not be used as a primary heat source.
- Do not install this heater in areas where it may be directly exposed to water.
- Maintain proper clearances from combustible materials as specified in the installation instructions.

Package Contents

- Broan-NuTone 157 Low-Profile Fan-Forced Ceiling Heater Unit
- Satin Aluminum Grille
- Installation Hardware (may vary, refer to included documentation)

Note: Wall controls for operation are sold separately.

Setup and Installation

The Broan-NuTone 157 heater is designed for easy installation into standard 3-1/2 inch or 4-inch round, or 4-inch octagonal ceiling electrical boxes. A minimum 15 amp circuit is required for operation.

1. **Preparation:** Ensure power is OFF at the circuit breaker before beginning installation. Gather necessary tools, including a screwdriver, wire strippers, and a flashlight.
2. **Mounting:** The unit mounts directly to the ceiling electrical box. Carefully align the mounting holes on the heater with the screw holes in your electrical box. It is recommended to use a magnetic screwdriver or temporarily secure the mounting bolts to prevent them from falling during installation.
3. **Wiring:** Connect the electrical wires from the heater to the house wiring according to local electrical codes. Ensure all connections are secure and properly insulated.
4. **Secure Unit:** Once wired, firmly attach the heater to the electrical box using the provided hardware. Ensure the unit is flush with the ceiling.
5. **Attach Grille:** Secure the satin aluminum grille to the heater unit.



Figure 1: Internal components of the Broan-NuTone 157 heater, showing the fan and heating element.

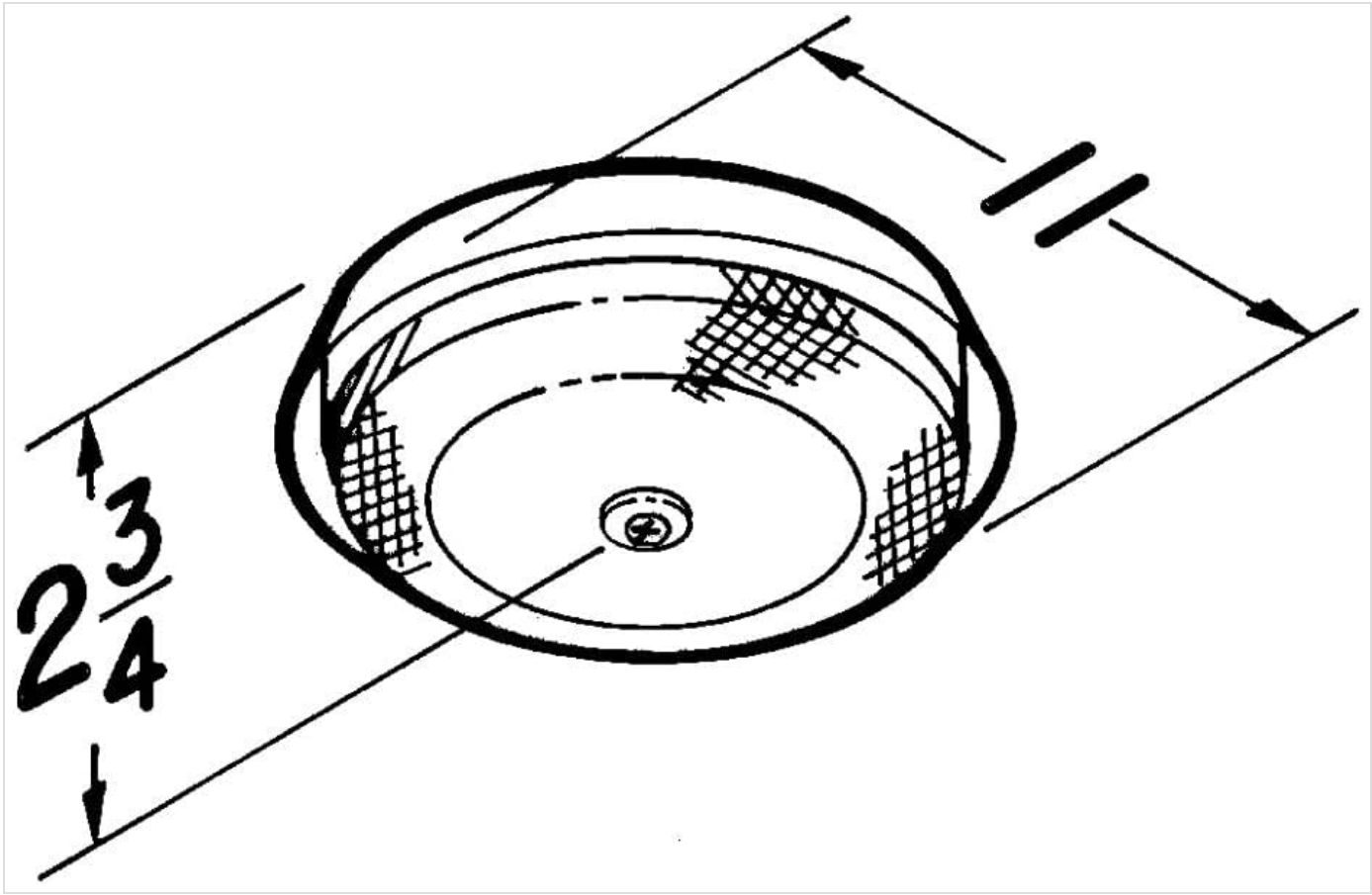


Figure 2: Dimensional diagram of the Broan-NuTone 157 heater, indicating its low-profile design.

For detailed installation diagrams and specific wiring instructions, please refer to the official Installation Manual PDF available on the manufacturer's website or via the provided link in the product documentation.

Download Installation Manual (PDF)

Operating Instructions

The Broan-NuTone 157 heater operates at 1250 Watts and 120 Volts AC. Operation of the heater requires a compatible wall control (sold separately). Broan-NuTone offers various wall controls, including line-voltage thermostats and timers, to suit your specific needs.

- **Turning On/Off:** Use the connected wall control to activate or deactivate the heater.
- **Heat Output:** The heater provides instant, fan-forced heat. The fan distributes the warmth throughout the room.
- **Automatic Overheat Protection:** The unit is equipped with automatic overheat protection for safe operation. If the heater reaches an unsafe temperature, it will automatically shut off. Allow the unit to cool down before attempting to restart.



Figure 3: The Broan-NuTone 157 heater installed in a ceiling, showcasing its low-profile design.

No official seller videos demonstrating the operation of this specific model were available for embedding.

Maintenance

Regular maintenance ensures optimal performance and longevity of your Broan-NuTone 157 heater. Always disconnect power at the service panel before performing any maintenance.

- **Cleaning the Grille:** Periodically wipe the exterior grille with a soft, damp cloth to remove dust and debris. Do not use abrasive cleaners.
- **Internal Cleaning:** The complete heater assembly can be removed from its housing for more thorough cleaning. Carefully remove the grille and then the internal components. Use a soft brush or vacuum cleaner to remove dust from the fan blades and heating element. Ensure all components are dry before reassembly.
- **Motor Lubrication:** The motor is permanently lubricated and requires no maintenance.

Troubleshooting

If your Broan-NuTone 157 heater is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power, tripped circuit breaker, faulty wall control, or activated overheat protection.	Check circuit breaker. Ensure wall control is ON. Allow unit to cool if overheat protection was activated. Verify wiring connections.

Problem	Possible Cause	Solution
Insufficient heat output.	Room size too large for heater, or unit is dirty.	Ensure heater is appropriate for room size (85-125 sqft). Clean the fan and heating element as per maintenance instructions.
Unusual noise during operation.	Loose components or debris in fan.	Disconnect power and inspect for loose parts or obstructions. Clean fan blades. If noise persists, contact customer support.

If issues persist after attempting these solutions, contact Broan-NuTone customer support.

Specifications

Feature	Specification
Brand	Broan-NuTone
Model Number	157
Color	Satin Aluminum
Product Dimensions	11"D x 11"W x 2.75"H
Item Weight	1 Pounds
Wattage	1250 Watts
Voltage	120 Volts
Amperage	15 Amps
Mounting Type	Ceiling Mount
Heating Coverage	85-125 sqft
Special Feature	Overheat Protection
Material	Aluminum
Country of Origin	China

Warranty and Support

The Broan-NuTone 157 Low-Profile Fan-Forced Ceiling Heater comes with a 1-year limited warranty. For warranty claims, technical assistance, or further support, please contact Broan-NuTone customer service directly.

You can also refer to the official User Manual PDF for additional information:

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