

Broan-NuTone S57769000

# NuTone S57769000 Ceiling Heater Motor Instruction Manual

Model: S57769000

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## 1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of the NuTone S57769000 Ceiling Heater Motor. This motor is designed as a genuine replacement part for specific NuTone fan models. Please read this manual thoroughly before proceeding with installation or use.

## 2. SAFETY INFORMATION

**WARNING: Risk of Electric Shock or Injury.**

- Always disconnect power at the circuit breaker or fuse box before installing, servicing, or cleaning the unit.
- Installation should be performed by a qualified electrician or a person with basic electrical wiring skills.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not operate the motor if it is damaged or if any wires are frayed.
- Wear appropriate personal protective equipment (PPE) during installation, including safety glasses and gloves.
- This motor is intended for indoor use only in compatible NuTone ceiling heater/fan units.

## 3. PRODUCT OVERVIEW

The NuTone S57769000 is a genuine replacement motor specifically designed for NuTone ceiling heater and fan units. It is engineered to restore the functionality of your existing unit by replacing a worn or defective motor. This motor features a shaft for attaching a blower cage and electrical connections for power.

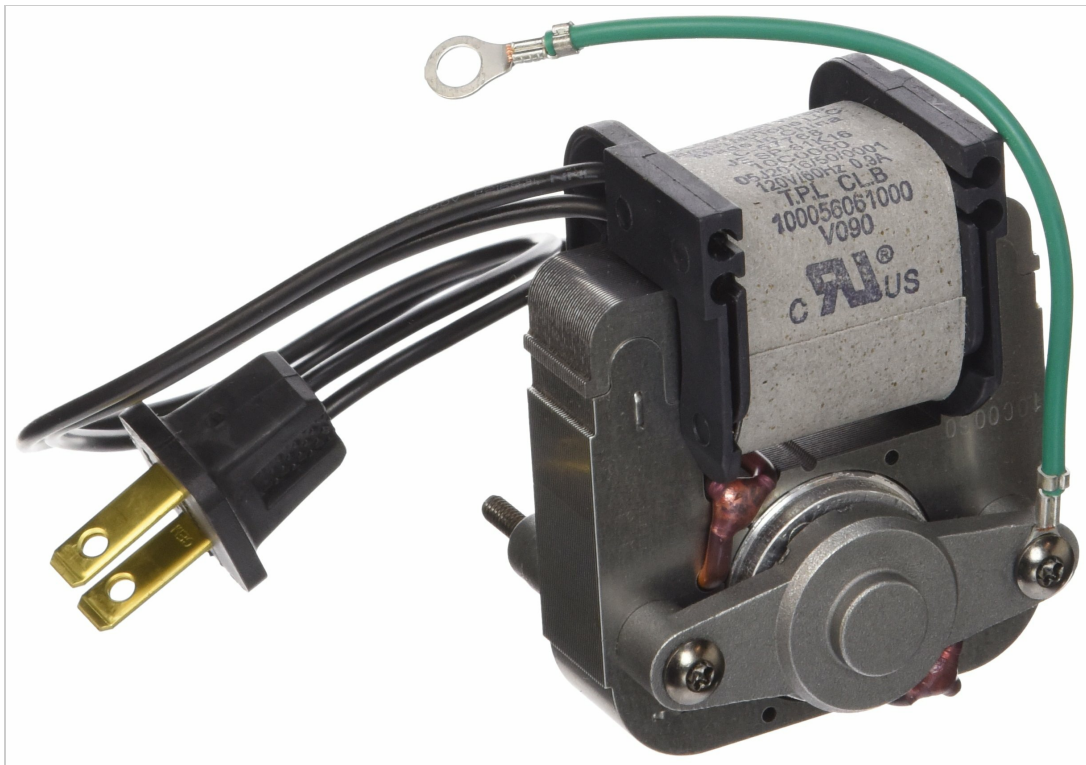


Figure 1: NuTone S57769000 Ceiling Heater Motor. This image shows the motor unit with its shaft, mounting screws, and electrical wiring. Note the two ring lugs for connection, not a standard two-prong plug.



Figure 2: Another view of the NuTone S57769000 Ceiling Heater Motor, highlighting its compact design and connection points.

#### 4. COMPATIBILITY

The S57769000 motor is compatible with the following NuTone fan and heater models:

- 9605
- 9605N
- 9660N
- 9665
- 9665N
- H965
- 9012NL
- 9013NL
- 9013
- 9093
- 9093AB
- 9093BR
- 9093CH
- 9093WH
- 9093FWH
- 9113N
- H968

Before purchasing and installing, verify that your existing unit's model number is listed above to ensure proper fit and function.

## 5. INSTALLATION INSTRUCTIONS

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### Tools Required:

- Screwdriver set (Phillips and flathead)
- Wire strippers/cutters
- Hex key (for blower cage, if applicable)
- Multimeter (optional, for verifying power disconnection)
- Safety glasses and gloves

### Installation Steps:

1. **Disconnect Power:** Locate the circuit breaker or fuse that supplies power to the ceiling heater/fan unit. Turn off the power completely. *Verify power is off using a multimeter if available.*
2. **Access the Unit:** Carefully remove the grille and any other covers to access the internal components of the ceiling heater/fan unit. Refer to your specific unit's manual for detailed access instructions.
3. **Remove Old Motor:**
  - Disconnect the electrical wires from the old motor. Note their connections for reinstallation. The S57769000 motor typically connects via two ring lugs, not a standard two-prong plug.
  - Loosen or remove any screws or clips securing the blower cage to the motor shaft. Carefully remove the blower cage.
  - Unscrew or unclip the old motor from its mounting bracket within the unit.
4. **Install New Motor:**
  - Position the new S57769000 motor into the mounting bracket. Secure it with the appropriate screws or clips.
  - Attach the blower cage to the new motor shaft. Ensure it is seated correctly and tighten the hex key screw securely. *Note: Some users have reported that the flat part of the shaft for clamping may not extend far enough. Ensure the screw is tightened firmly onto the rounded part of the shaft if necessary.*
  - Connect the electrical wires to the new motor's ring lugs. Ensure connections are tight and

secure.

5. **Reassemble Unit:** Carefully replace any covers and the grille that were removed. Ensure all components are properly seated and secured.
6. **Restore Power:** Turn the power back on at the circuit breaker or fuse box.
7. **Test Operation:** Test the heater/fan unit to ensure the new motor operates correctly and quietly.

## 6. OPERATION

Once properly installed, the NuTone S57769000 Ceiling Heater Motor operates automatically as part of your NuTone ceiling heater/fan unit. When the unit is activated, the motor will power the fan to circulate air, either for ventilation or to distribute heated air, depending on the unit's function. No direct user interaction with the motor itself is required after installation.

## 7. MAINTENANCE

Regular maintenance of your ceiling heater/fan unit helps prolong the life of the motor and ensures efficient operation. Always disconnect power before performing any maintenance.

- **Cleaning:** Periodically remove the grille and clean any dust or debris from the blower cage and motor housing. Accumulated dust can impede airflow and cause the motor to overheat or become noisy. Use a soft brush or vacuum cleaner.
- **Inspection:** Annually inspect the motor and wiring for any signs of wear, damage, or loose connections. Address any issues promptly.
- **Lubrication:** The S57769000 motor is typically a sealed unit and does not require lubrication. Do not attempt to lubricate the motor unless specifically instructed by the manufacturer.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Motor does not start or run.	No power to the unit; loose wiring connection; defective motor.	Check circuit breaker/fuse. Verify all wiring connections are secure. If power is present and connections are good, the motor may be defective and require replacement.
Motor runs but is noisy.	Dust/debris in blower cage; loose blower cage; worn motor bearings.	Disconnect power and clean blower cage. Ensure blower cage is securely fastened to the shaft. If noise persists, the motor bearings may be worn, indicating a need for replacement.
Motor runs slowly or weakly.	Excessive dust/debris; motor nearing end of life.	Disconnect power and clean blower cage and motor area. If the issue persists, the motor may be failing and require replacement.

## 9. SPECIFICATIONS

Feature	Detail
Brand	Broan-NuTone
Model Name	S57769000
Speed	100 (RPM or other unit not specified, assumed relative)

Feature	Detail
Voltage	120 Volts
Material	Copper
Item Weight	5.8 ounces (approx. 164 grams)
Product Dimensions	7 x 3 x 3 inches (approx. 17.8 x 7.6 x 7.6 cm)
Manufacturer	Q2U LLC, formerly Davelle
UPC	026715190652, 885524535562
ASIN	B00A5USZXY

## 10. WARRANTY INFORMATION

Specific warranty details for the NuTone S57769000 Ceiling Heater Motor are not provided in this manual. For information regarding warranty coverage, terms, and conditions, please refer to the documentation included with your original NuTone ceiling heater/fan unit or contact Broan-NuTone customer support directly.

## 11. CUSTOMER SUPPORT

If you require further assistance, have questions about installation, or need to troubleshoot an issue not covered in this manual, please contact Broan-NuTone customer support.

**Broan-NuTone Official Website:** [www.broan-nutone.com](http://www.broan-nutone.com)

Please have your product model number (S57769000) and the model number of your NuTone ceiling heater/fan unit ready when contacting support.