Broan-NuTone BKR50SN

Broan-NuTone® Genuine Bath Fan Replacement Motor and Cover Kit

Model: BKR50SN

Product Overview

The Broan-NuTone® BKR50SN replacement kit provides a quick and simple solution for upgrading or replacing your existing bathroom exhaust fan. This kit includes a 50 CFM motor and a new cover, designed to address issues such as fan malfunction, excessive noise, or simply to provide an updated appearance.

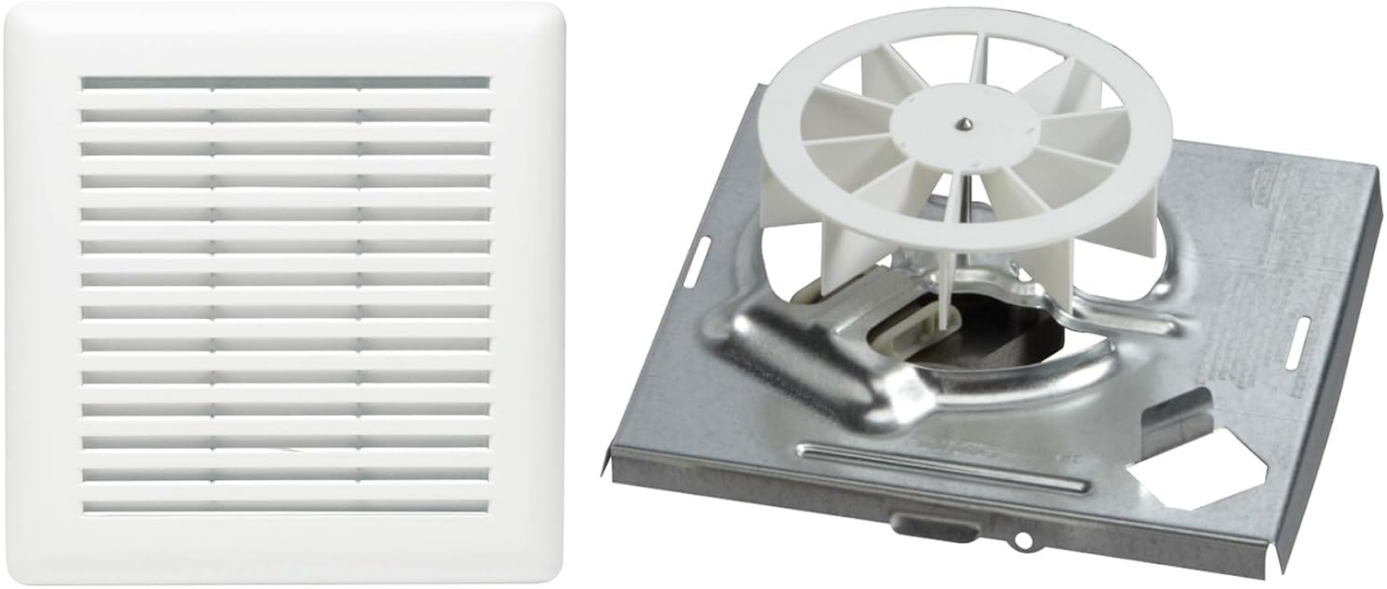


Image: The Broan-NuTone BKR50SN kit, featuring the motor and fan wheel assembly alongside the white grille cover.

Key Features:

- **50 CFM Bath Fan Replacement:** Offers a quick and simple solution to replace the motor in your existing bathroom exhaust fan that is no longer working properly, is too noisy, or simply just needs to be replaced.
- **Odor and Moisture Removal:** Operates with 50 CFM (Cubic Feet per Minute) at 4.0 Sones, providing sufficient ventilation to quickly and efficiently remove odors and moisture from your bathroom.

- **Quick DIY Installation:** Designed for easy and hassle-free installation, requiring no wiring modifications or drywall cutting/repair. The replacement process can typically be completed in 10 minutes or less.
- **Genuine Broan-NuTone Parts:** This kit contains genuine Broan-NuTone replacement parts, ensuring compatibility, reliability, and peak performance.

Installation Guide

Before You Begin:

- **Safety First:** Always turn off power to the fan at the circuit breaker before beginning any installation or maintenance.
- **Compatibility Check:** This kit is designed to fit 7-1/4" x 7-1/2" metal housings only. It is compatible with specific Broan-NuTone models (688, 696N, 670, 671, 689, 695, 696MFG, 663) and Nautilus models (N671, N688). Verify your current fan's model number and housing dimensions before proceeding.



Image: A graphic illustrating the compatible Broan-NuTone and Nautilus fan models, along with the required 7 1/2" x 7 1/4" housing dimensions for proper fit.

Required Tools:

- Screwdriver (Phillips head recommended)
- Work gloves (optional, for protection)

Step-by-Step Installation:

1. **Turn Off Power:** Locate the circuit breaker controlling your bathroom fan and switch it to the "OFF" position. Confirm power is off by attempting to turn the fan on.

2. **Remove Existing Cover:** Gently pull down the existing fan cover. Most covers are held by spring clips; squeeze these clips to release the cover from the housing.
3. **Disconnect Old Motor Assembly:** Inside the housing, you will see the old motor and fan wheel assembly. Disconnect the electrical plug connecting the motor to the fan's power supply. Unscrew any mounting screws holding the motor plate in place. Carefully remove the old motor assembly.
4. **Install New Motor Assembly:** Take the new motor and wheel assembly from the kit. Connect its electrical plug to the fan's power supply. Align the new motor plate with the mounting holes in the fan housing and secure it with screws.
5. **Attach New Cover:** Align the spring clips on the new cover with the slots in the fan housing. Squeeze the clips and push the cover firmly into place until it sits flush with the ceiling.
6. **Restore Power:** Return to your circuit breaker and switch the power back to the "ON" position. Test the fan to ensure it operates correctly.



Image: A visual representation of the motor and fan cover, highlighting their simple design for quick and easy DIY installation.

Operation

The Broan-NuTone BKR50SN replacement kit is designed to restore or enhance the ventilation performance of your bathroom. Once installed, the fan will operate to circulate air, effectively removing excess humidity and unpleasant odors.



Image: A side view of the motor and cover kit, demonstrating its compact design for seamless integration into existing fan housings.

Performance:

- **Air Flow Capacity:** 50 Cubic Feet Per Minute (CFM)
- **Noise Level:** 4.0 Sones
- **Voltage:** 120 Volts (AC)

Maintenance

Regular maintenance ensures optimal performance and longevity of your bath fan. Always disconnect power before performing any maintenance.

Cleaning the Fan Cover:

- Periodically remove the fan cover (as described in installation step 2).
- Wash the cover with mild soap and water. Rinse thoroughly and allow it to dry completely before reattaching.

Motor and Fan Wheel Care:

- With the power off and cover removed, gently vacuum any dust or debris from the motor and fan wheel.
- Do not apply lubricants to the motor as it is permanently lubricated.

Troubleshooting

If your Broan-NuTone bath fan is not operating as expected, consult the following table for common issues and solutions.

Issue	Possible Cause	Solution
Fan does not turn on.	No power to the fan. Loose electrical connection. Faulty motor.	Check circuit breaker. Ensure motor plug is securely connected. If power is present and connections are secure, the motor may need replacement.
Fan is unusually noisy.	Fan wheel obstructed or dirty. Motor bearings worn. Improper installation.	Turn off power, remove cover, and clean fan wheel. If noise persists after cleaning, the motor may be at the end of its lifespan. Re-check installation steps to ensure all components are securely fastened.
Poor air circulation.	Blocked air vents. Fan wheel dirty.	Ensure fan cover vents are clear of obstructions. Turn off power, remove cover, and clean fan wheel.

Product Specifications

Specification	Detail
Brand	Broan-NuTone
Model Name	Broan-NuTone® Genuine Bath Fan Replacement Motor and Cover Kit, 50 CFM, 4.0 Sones
Part Number	BKR50SN
UPC	026715275311
Electric Fan Design	Exhaust Fan
Air Flow Capacity	50 CFM
Noise Level	4.0 Sones
Power Source	Electric
Voltage	120 Volts (AC)
Product Dimensions	9.1"D x 8.7"W x 0.58"H
Item Weight	2.57 pounds

Specification	Detail
Color	White
Finish Type	Painted
Blade Material	Plastic
Included Components	Cord
Indoor/Outdoor Usage	Indoor
Recommended Uses	Ventilating

Warranty and Support

For detailed warranty information and customer support, please refer to the official Broan-NuTone website or contact their customer service directly.

You can also visit the Broan-NuTone Store on Amazon for additional product information and resources.

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