Broan-NuTone BKR60

Broan-NuTone BKR60 QuickKit Ultra-Quiet Bath Fan Replacement Motor and Cover/Grille Instruction Manual

Model: BKR60 | Brand: Broan-NuTone

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Broan-NuTone BKR60 QuickKit Bath Fan Replacement Motor and Cover/Grille. Please read all instructions carefully before beginning installation to ensure proper function and safety.

Important Safety Information

- **WARNING:** To reduce the risk of fire, electric shock, or injury to persons, observe the following:
- Always disconnect power at the service panel before servicing.
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.

Package Contents

Your Broan-NuTone BKR60 QuickKit includes the following components:

- Fan Cover/Grille
- Motor and Wheel Assembly
- Motor Plate A
- Motor Plate B
- Parts Bag (1 screw, 2 nuts, 1 wrench)
- Scroll Band (for select fan models only)
- Instruction Manual



Figure 1: Overview of the Broan-NuTone BKR60 QuickKit components. This image displays the fan cover, motor and wheel assembly, two distinct motor plates (A and B), a small bag containing a wrench, screw, and nuts, and a plastic scroll band.

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Video 1: Unboxing the Broan-NuTone BKR60 QuickKit. This video demonstrates the contents of the package as they are removed from the box, including the fan cover, motor assembly, and other installation components.

Tools Required (Not Included)

- Phillips Head Screwdriver
- Tape Measure

Installation Instructions

Follow these steps to replace your existing bath fan motor and cover. Ensure power is disconnected before starting.

Step 1: Remove Old Fan Cover

1. Gently pull down on the outer edges of the existing fan cover.
2. Locate the metal springs on both sides of the cover. Pinch these springs inward to release the cover from the fan housing.
3. Carefully remove the old fan cover.

Step 2: Unplug Old Motor

1. Locate the motor plug inside the fan housing.
2. Unplug the motor from its receptacle.

Step 3: Measure Fan Housing and Remove Old Motor

1. Measure the dimensions of your existing metal fan housing. This measurement will determine which motor plate to use.
2. There are two methods for removing the old motor based on your fan housing size:
    - **For 7½" x 7¼" housings (Motor Plate A):** Use the provided wrench to pry off and unhook the single tab holding the motor. Then remove the motor.
    - **For 8" x 7¼" or 8 1/16" x 7⅜" housings (Motor Plate B):** Use a screwdriver to remove the screw securing the motor. Then remove the motor.

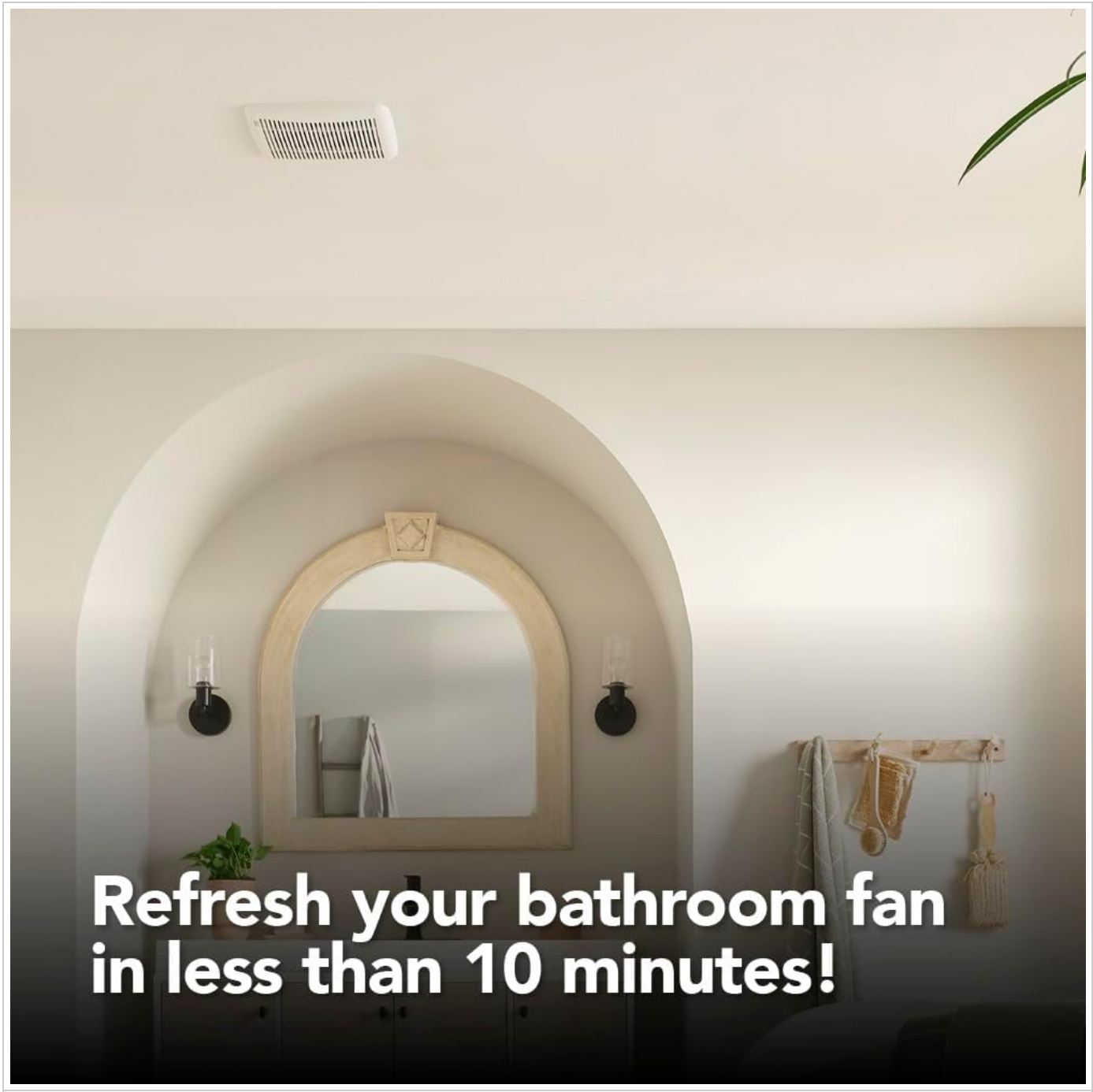


Figure 2: Motor plate selection guide based on fan housing dimensions. Plate A is for 7½" x 7¼" housings, and Plate B is for 8" x 7¼" or 8 1/16" x 7⅜" housings.

Step 4: Attach Motor Plate to New Motor

1. Select the correct motor plate (A or B) based on your fan housing dimensions (refer to Figure 2).
2. Route the motor's electrical cord through the center opening of the selected motor plate.
3. Align the holes on the motor plate with the motor posts.
4. Securely fasten the motor to the plate using the two nuts and the provided wrench.

Step 5: Install Scroll Band (If Applicable)

This step is only necessary if your existing fan housing has tabs on the inside and you are using Motor Plate B. If your housing has an existing metal scroll band or no tabs, you can skip this step.

1. Insert the plastic scroll band into the fan housing.
2. Bend the plastic scroll band into a crescent shape.
3. Place the ends of the scroll band behind the double tabs on both sides of the housing.

4. Align the center slot of the scroll band with the single tab at the back of the housing.

Step 6: Install New Motor Assembly

1. Insert the two tabs on the new motor plate into the corresponding two slots in the fan housing.
2. **For Motor Plate A:** Pivot the motor assembly upward until the third tab snaps into place.
3. **For Motor Plate B:** Push the motor assembly upward until it touches the wiring box. Secure it with the provided screw.
4. Plug in the new motor's electrical cord into the receptacle.

Step 7: Attach New Cover

1. Squeeze one spring on the new cover and insert it into the slot on the motor plate.
2. Repeat this process with the other spring.
3. Push the cover up against the ceiling or wall until it is flush and securely in place.



Video 2: Broan-NuTone Bath Fan Replacement Motor Installation. This video provides a visual guide for the complete installation process of the QuickKit, from removing the old components to installing the new motor and cover.

Operation

Once installed, restore power to the fan at the service panel. Operate the fan using your existing wall switch or control method. The BKR60 QuickKit provides 60 CFM of ventilation with a quiet 3.0 Sones noise level.

Maintenance

Regular cleaning of the fan cover and occasional inspection of the motor can help maintain optimal performance.

Cleaning the Fan Cover

1. Disconnect power to the fan at the service panel.
2. Remove the fan cover by gently pulling down and pinching the metal springs.
3. Wash the cover with warm soapy water. Do not use abrasive cleaners.
4. Rinse thoroughly and allow to dry completely before reattaching.
5. Reattach the cover by inserting the springs into the motor plate slots and pushing it flush against the ceiling.
6. Restore power at the service panel.

Troubleshooting

Problem	Possible Cause	Solution
Fan does not operate.	No power to the unit.	Check circuit breaker or fuse. Ensure motor is properly plugged in.
Fan is noisy.	Motor or fan wheel obstructed. Loose mounting.	Disconnect power and inspect for obstructions. Ensure motor plate is securely fastened.
Poor air movement.	Dirty fan wheel or grille.	Clean fan cover and motor wheel as per maintenance instructions.

Specifications

- **Brand:** Broan-NuTone
- **Model Name:** BKR60
- **Air Flow Capacity:** 60 Cubic Feet Per Minute (CFM)
- **Noise Level:** 3 Sones
- **Power Source:** Corded Electric
- **Wattage:** 75 watts
- **Product Dimensions:** 10.75"D x 9.37"W x 0.75"H (Grille)
- **Color:** White
- **Installation Type:** DIY
- **Compatible Housings:** Broan models 670, 671, 688, 689, EC50, ECF50, EC70, ECF70, ECH600, E050, E070; NuTone models 693, 695, 696N, 695C, 695CB, 696NC, 696NCB, 690AC, 696N0, 6950 with 7-1/2" x 7-1/4" or 8-1/16" x 7-3/8" fan housings. *(Does not fit 8" x 8-1/4" housings)*

Warranty and Support

This product comes with a manufacturer's warranty. For specific warranty details, technical support, or assistance with product installation, please refer to the documentation included in your package or visit the official Broan-NuTone website. Contact information for customer service is typically provided in the product's original packaging.

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.

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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