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Nutone BP24

Nutone BP24 BROAN Grille & Metal Bath Fan Instruction Manual

Model: BP24 | Brand: Nutone

1. PRODUCT OVERVIEW

The Nutone BP24 BROAN Grille and Metal Bath Fan is designed as a replacement grille for various Broan and Nutone bath fan models. It features a durable metal construction and a universal fit design, measuring 10-1/4 inches by 10-1/4 inches square. This grille is typically mounted using a center screw, providing a clean and finished look for your ventilation system.



Figure 1: Front view of the Nutone BP24 BROAN Grille, showcasing its metal construction and louvered design.

2. COMPATIBILITY

The BP24 grille is specifically designed to fit the following Broan and Nutone bath fan models:

- Broan 660
- Broan 662
- Broan 664
- Broan 665
- Broan 666
- Broan 668
- Nautilus N688

It features a universal fit for these models, typically attaching via a center screw.

3. SETUP AND INSTALLATION

3.1 Tools Required

- Screwdriver (Phillips head, typically)
- Safety glasses (recommended)
- Work gloves (recommended)

3.2 Installation Steps

1. **Safety First:** Before beginning installation, ensure the power to the bath fan circuit is turned off at the circuit breaker.
2. **Remove Old Grille:** Carefully remove the existing grille. Most grilles are held in place by a center screw or spring clips. If a screw is present, unscrew it. If clips, gently pull down to release.
3. **Clean Fan Housing:** While the grille is off, it is an opportune time to clean any dust or debris from the fan housing and motor.
4. **Position New Grille:** Align the Nutone BP24 grille with the fan housing. The grille is designed for center screw mounting.
5. **Secure Grille:** Insert the appropriate screw (not included with grille, typically reused from old grille or supplied with fan unit) through the center hole of the BP24 grille and into the fan housing's mounting point. Tighten the screw until the grille is securely in place, but do not overtighten.
6. **Restore Power:** Once the grille is securely installed, restore power to the bath fan circuit at the breaker.
7. **Test Operation:** Turn on the bath fan to ensure proper operation and that the grille is securely attached and does not rattle.



Figure 2: Diagram showing the 10-1/4 inch x 10-1/4 inch dimensions of the Nutone BP24 grille, crucial for fitment.

4. OPERATING INSTRUCTIONS

The Nutone BP24 grille is a passive component of your bath fan system. Its primary function is to cover the fan housing

and direct airflow. Once installed, no specific operational steps are required for the grille itself. The operation of the bath fan (turning it on/off) is controlled by your existing wall switch or fan control.

5. MAINTENANCE

Regular maintenance of the grille helps maintain optimal airflow and appearance.

- **Cleaning:** Periodically wipe the grille surface with a soft, damp cloth to remove dust and grime. For more stubborn dirt, a mild soap solution can be used. Avoid abrasive cleaners or harsh chemicals, as these may damage the finish.
- **Deep Cleaning (Optional):** For a more thorough cleaning, the grille can be removed by unscrewing the center screw. Wash it with warm soapy water, rinse thoroughly, and allow it to dry completely before reinstallation.
- **Inspection:** Annually inspect the grille for any signs of damage or loose connections. Ensure the center screw remains tight.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Grille does not fit.	Incorrect model compatibility.	Verify your fan model number against the compatible models listed in Section 2. The BP24 is 10-1/4" x 10-1/4".
Grille rattles after installation.	Grille not securely fastened.	Ensure the center screw is tightened sufficiently. Do not overtighten.
Fan appears less effective after grille replacement.	Accumulated dust/debris in fan housing.	Clean the fan housing and motor thoroughly as described in Section 3.2, Step 3.

7. SPECIFICATIONS

Feature	Detail
Brand	Nutone
Model Name	BP24
Product Dimensions	10-1/4 inches x 10-1/4 inches (Square)
Item Weight	1.6 ounces
Material	Metal (Grille)
Mounting Type	Center Screw Mounted
Compatible Models	Broan 660, 662, 664, 665, 666, 668; Nautilus N688

8. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the original documentation provided with your Nutone or Broan bath fan unit, or visit the official Nutone/Broan website. For technical support or further assistance, please contact Nutone

customer service directly. Contact details can typically be found on the manufacturer's website or on the packaging of your original fan unit.



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