Broan-NuTone BP90

Broan-NuTone BP90 Replacement Grille Instruction Manual

Model: BP90

Product Overview

The Broan-NuTone BP90 Replacement Grille is designed to easily upgrade or replace existing exhaust fan grilles, providing a fresh and attractive appearance to your bathroom or laundry room. Made from durable polymetric material, this white grille can be painted to match your ceiling color, ensuring a seamless integration with your home's decor. Its slim design ensures it does not take up excessive space, allowing for other ceiling fixtures like lights.



Figure 1: Top-down view of the Broan-NuTone BP90 Replacement Grille, showcasing its square design and white finish.

Key Features:

- **Easy Installation:** Designed for quick installation in under five minutes, requiring no cutting, wiring, or drywall patching.
- **Compatible Design:** Measures 9" x 9.25" x 0.325" and is compatible with Broan fan models 663, 670, 671, 688, and 689, specifically those with 7.25" x 7.5" housing.
- **Customizable Appearance:** The white polymetric material can be painted to match your ceiling, offering aesthetic flexibility.
- **Durable Construction:** Built to last, ensuring long-term performance.

Specifications

Attribute	Detail
Brand	Broan-NuTone
Model Name	BP90
Color	White
Style	Grille
Product Dimensions	9"D x 9.25"W x 0.33"H
Item Weight	1.6 ounces

Attribute	Detail
Material	Polymetric
Included Components	Grille Cover
Assembly Required	Yes (for installation)
Warranty	1 Year Limited

Setup and Installation

The Broan-NuTone BP90 Replacement Grille is designed for quick and easy installation without the need for specialized tools or extensive modifications. Ensure power to the fan unit is turned off at the circuit breaker before beginning installation.

Tools Required:

- No tools are typically required for grille mounting due to torsion spring design.
- Optional: Paint and brush/roller if customizing grille color.

Installation Steps:

1. **Prepare the Area:** Ensure the power to the fan unit is completely disconnected at the circuit breaker. This is a critical safety step.
2. **Remove Old Grille (if applicable):** Gently pull down the existing grille cover. Locate the torsion springs on either side and squeeze them together to release them from the fan housing slots. Carefully lower and remove the old grille.
3. **Inspect Fan Housing:** Check the fan housing for any debris or dust and clean if necessary. Ensure the housing dimensions are compatible (7.25" x 7.5" for models 663, 670, 671, 688, 689).
4. **Attach New Grille:** Take the new Broan-NuTone BP90 grille. Locate the torsion springs on the back of the new grille.

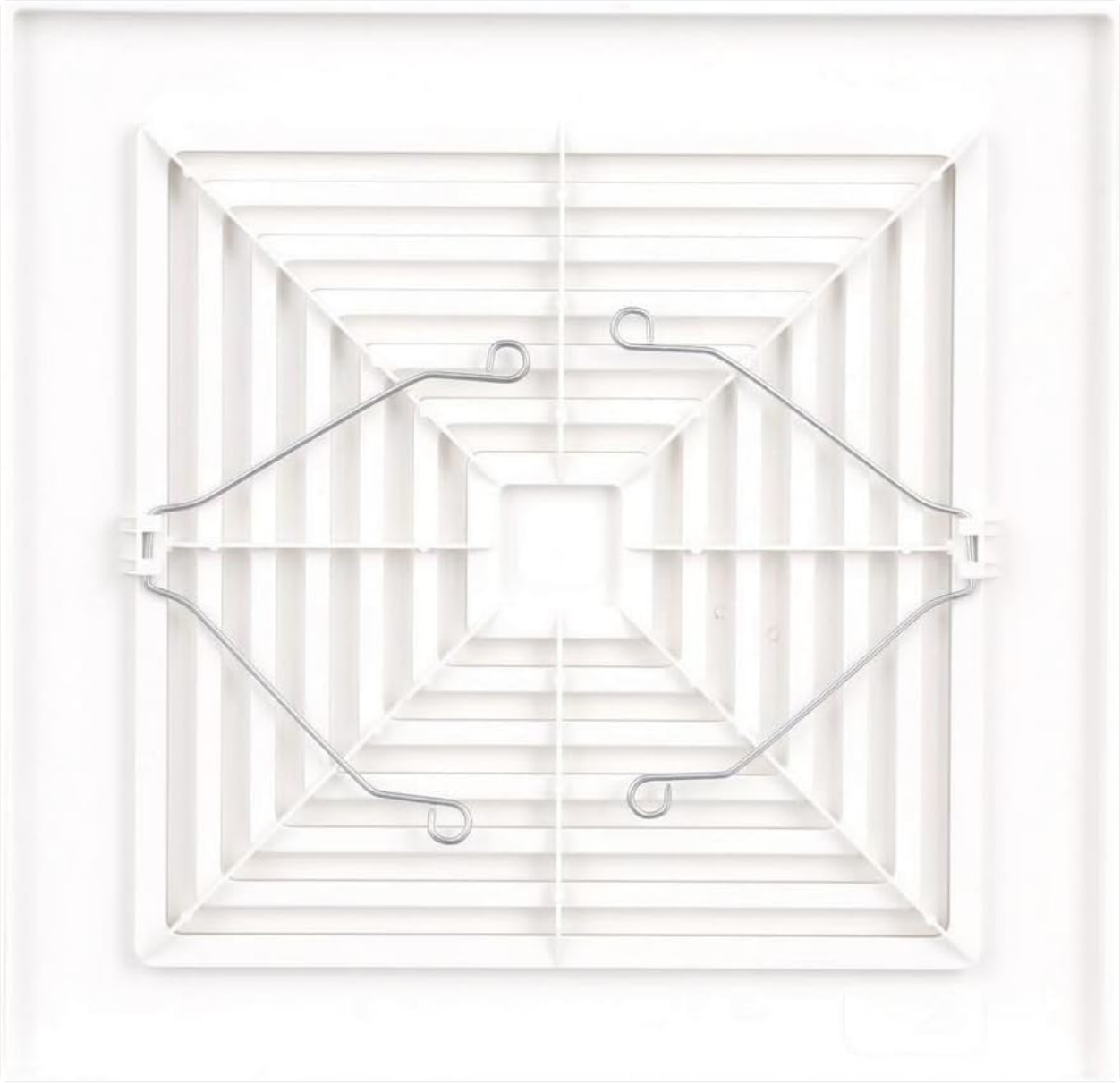


Figure 2: Rear view of the BP90 grille, highlighting the torsion springs for easy installation.

Carefully insert the torsion springs into the slots in the fan housing. Push the grille firmly upwards until it sits flush against the ceiling. The torsion springs will hold it securely in place.

5. **Restore Power:** Once the grille is securely installed, restore power to the fan unit at the circuit breaker.

The installation process should take approximately 5 minutes.

Operating Instructions

The Broan-NuTone BP90 Replacement Grille is a passive component and does not require active operation. Its function is to cover the fan housing and allow for proper air circulation. The operation of the exhaust fan itself is controlled by your existing wall switch or fan control.

Fan Operation:

- To turn the exhaust fan on or off, use the wall switch connected to your fan unit.
- Ensure the grille is free from obstructions to allow for optimal airflow and ventilation.

Maintenance

Regular cleaning of your Broan-NuTone BP90 Replacement Grille will help maintain its appearance and ensure efficient

airflow for your exhaust fan.

Cleaning Instructions:

1. **Disconnect Power:** Always turn off the power to the exhaust fan at the circuit breaker before cleaning.
2. **Remove Grille:** Gently pull down the grille and squeeze the torsion springs to release it from the housing.
3. **Clean Grille:** The grille can be cleaned with a soft cloth dampened with mild soap and water. For stubborn dirt or dust, a soft brush can be used. Avoid abrasive cleaners or harsh chemicals, as these may damage the finish.
4. **Clean Fan Housing:** While the grille is removed, use a vacuum cleaner with a brush attachment to remove any dust or debris from the fan housing and fan blades.
5. **Dry and Reinstall:** Allow the grille to air dry completely before reinstalling it. Reinstall by inserting the torsion springs into the housing slots and pushing the grille flush against the ceiling.
6. **Restore Power:** Turn the power back on at the circuit breaker.

Regular cleaning (e.g., every 3-6 months) is recommended to prevent dust buildup and maintain optimal performance.

Troubleshooting

This section provides solutions to common issues you might encounter with your Broan-NuTone BP90 Replacement Grille. As the grille is a passive component, most issues will relate to installation or the underlying fan unit.

Problem	Possible Cause	Solution
Grille does not sit flush with ceiling	Torsion springs not fully engaged or bent.	Remove grille, ensure springs are straight and fully inserted into housing slots. Apply firm, even pressure when pushing up.
Fan airflow is reduced after grille replacement	Dust buildup in fan housing or on fan blades.	Remove grille and clean fan housing and blades thoroughly as per Maintenance section.
Grille appears discolored or dirty quickly	High humidity or dust levels in the room.	Increase frequency of cleaning. Consider painting the grille with a more durable or stain-resistant paint if desired.

If the issue persists or is related to the fan's electrical components, consult a qualified electrician or refer to your fan's original instruction manual.

Warranty Information

The Broan-NuTone BP90 Replacement Grille is backed by a **1 Year Limited Warranty** from the date of original purchase. This warranty covers defects in material and workmanship under normal use and service.
For full warranty terms and conditions, please refer to the official Broan-NuTone website or contact customer support.

Support and Contact

For technical assistance, replacement parts, or warranty claims, please contact Broan-NuTone Customer Service:

Website: Visit the official Broan-NuTone website for FAQs, product registration, and additional resources.

Phone: Refer to the contact section on the Broan-NuTone website for the most current phone numbers for your region.

Online Support: Many common questions can be answered through their online support portal.

When contacting support, please have your product model number (BP90) and date of purchase available.

© 2025 Broan-NuTone. All rights reserved.