Broan-NuTone BP91

Broan BP91 Replacement Grille & Light Lens Instruction Manual

Model: BP91 | Brand: Broan-NuTone

Introduction

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your new Broan BP91 Replacement Grille & Light Lens. Please read this manual thoroughly before beginning installation or operation to ensure proper function and safety. Keep this manual for future reference.

Product Overview

The Broan BP91 Replacement Grille & Light Lens is designed to replace existing grille and light lens assemblies for specific Broan and NuTone fan/light models. It provides a fresh, clean appearance and restores proper light diffusion and air circulation for your ventilation system.



Figure 1: Front view of the Broan BP91 Replacement Grille and Light Lens. This image displays the square white grille with a central translucent light cover, designed to integrate seamlessly with compatible fan/light units.



Figure 2: Angled view of the Broan BP91 Replacement Grille and Light Lens. This perspective shows the design of the side vents and the translucent light cover, illustrating its overall structure and how it fits into a fan housing.

Key Features:

- Replacement Grille and Light Lens for specific Broan and NuTone fan/light models.
- Each grille and light lens is individually poly bagged and labeled with installation guide.
- Compatible with Broan models: 678, 679, 679FL, 679FLT, 680, 680FL, 680FLT, HD50L, HD80L, FL2679FT, FL2680FT.
- Compatible with NuTone models: HD50LNT, HD80LNT.

Safety Information

Always disconnect power at the circuit breaker or fuse box before installing, servicing, or cleaning the unit. Failure to do so may result in electric shock, injury, or death. Ensure all local electrical codes are followed. If you are unsure about any part of the installation, consult a qualified electrician.

- Wear safety glasses and gloves during installation.
- Handle the light lens carefully to prevent breakage.
- Ensure the replacement part is compatible with your existing fan/light model before proceeding with installation.

Setup and Installation

This section outlines the steps for replacing your existing grille and light lens with the Broan BP91. Ensure you have the

necessary tools before beginning.

Tools Required:

- Screwdriver (Phillips or flathead, depending on existing fasteners)
- Gloves
- Safety Glasses

Installation Steps:

1. **Power Disconnection:** Locate the circuit breaker or fuse box that controls the power to the fan/light unit. Turn off the power completely. Verify power is off by attempting to turn on the light or fan.
2. **Remove Old Grille:** Carefully pull down the existing grille. Most grilles are held in place by spring clips. Squeeze the spring clips together to release them from the housing slots.
3. **Disconnect Light Lens (if applicable):** If your old grille has a light lens, gently remove it. It may be held by tabs or screws. Disconnect any wiring for the light if it's integrated into the grille.
4. **Clean Housing:** While the grille is removed, take the opportunity to clean any dust or debris from the fan housing.
5. **Install New Light Lens:** Insert the new light lens into the new BP91 grille. Ensure it is securely seated.
6. **Attach New Grille:** Compress the spring clips on the new BP91 grille and insert them into the corresponding slots in the fan housing. Push the grille firmly upwards until it sits flush against the ceiling.
7. **Restore Power:** Return to the circuit breaker or fuse box and restore power to the unit.
8. **Test Functionality:** Turn on the fan and light to ensure proper operation.

For detailed visual instructions, refer to the installation guide included with your BP91 replacement part.

Operating Instructions

The Broan BP91 Replacement Grille & Light Lens does not have operational controls itself. Its function is passive, providing the aesthetic cover and light diffusion for your existing fan/light unit. Operation of the fan and light will continue to be controlled by your wall switch or other existing controls connected to the fan unit.
Ensure the light bulb within the fixture is of the correct wattage and type as specified by your fan unit's manufacturer to prevent overheating or damage to the light lens.

Maintenance

Regular cleaning of the grille and light lens will maintain its appearance and ensure optimal light output and airflow.

Cleaning Instructions:

1. **Power Off:** Always turn off power to the fan/light unit at the circuit breaker before cleaning.
2. **Remove Grille:** Gently pull down the grille and squeeze the spring clips to detach it from the housing.
3. **Clean Grille and Lens:** Wipe the grille and light lens with a soft, damp cloth using a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive pads, as these can scratch or damage the finish.
4. **Dry Thoroughly:** Allow the grille and lens to air dry completely before reinstallation.
5. **Reinstall Grille:** Compress the spring clips and reinsert the grille into the fan housing until it is flush.
6. **Restore Power:** Turn power back on at the circuit breaker.

Perform this maintenance periodically, or as needed, to prevent dust buildup and maintain optimal performance and appearance.

Troubleshooting

This section addresses common issues you might encounter with the Broan BP91 Replacement Grille & Light Lens. Since this is a passive component, most issues will relate to installation or compatibility.

Problem	Possible Cause	Solution
Grille does not fit flush.	Spring clips not fully engaged or misaligned.	Ensure spring clips are fully compressed and inserted into the housing slots. Apply even pressure when pushing the grille up.
Light is dim or not working after installation.	Light bulb issue, power not restored, or wiring issue (if light lens required wiring).	Check light bulb. Ensure power is restored at the circuit breaker. If the light lens has wiring, verify connections. This product is a lens, not a light source.
Grille appears discolored or damaged.	Improper cleaning agents used or physical damage.	Clean only with mild, non-abrasive cleaners. If damaged, replacement may be necessary.
Airflow seems restricted.	Dust buildup in the fan housing or on the grille.	Clean the fan housing and grille thoroughly as per maintenance instructions.

If the issue persists after attempting these solutions, contact customer support or a qualified technician.

Specifications

Attribute	Detail
Brand	Broan-NuTone
Model Number	BP91
Part Number	BP91
Item Weight	8.4 ounces
Product Dimensions	0.01 x 0.58 x 1.08 inches
Color	No Finish (White)
Special Features	With_lights (refers to the lens for light)
Compatibility	Broan 678, 679, 679FL, 679FLT, 680, 680FL, 680FLT, HD50L, HD80L, FL2679FT, FL2680FT; NuTone HD50LNT, HD80LNT

Note: Product dimensions provided are from manufacturer specifications. Actual installed dimensions may vary slightly based on the specific fan housing.

Warranty Information

Broan-NuTone products are manufactured to the highest standards and are warranted to be free from defects in materials and workmanship for a specified period from the date of original purchase. For specific warranty terms and conditions applicable to the BP91 Replacement Grille & Light Lens, please refer to the warranty documentation included with your product packaging or visit the official Broan-NuTone website. Keep your proof of purchase for warranty claims.

Customer Support

If you have any questions regarding the installation, operation, or maintenance of your Broan BP91 Replacement Grille & Light Lens, please contact Broan-NuTone customer support. For the most current contact information, please visit the official Broan-NuTone website:

www.broan-nutone.com

When contacting support, please have your product model number (BP91) and purchase date available.

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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