Broan-NuTone 679

Broan 679 Bathroom Bath Ceiling Exhaust Ventilation Fan Vent and Light

Instruction Manual

Product Overview

The Broan 679 Bathroom Bath Ceiling Exhaust Ventilation Fan with Light is designed to provide reliable and consistent ventilation for bathrooms, effectively removing humidity and odors. It features a classic white polymeric grille, a plug-in permanently lubricated motor, and an efficient polymeric fan impeller. This unit is UL Listed for use over bathtubs or showers when connected to a GFCI protected branch circuit, and is Type IC (Insulation Contact) rated. It is suitable for 2-inch by 6-inch ceiling construction and includes shatter-resistant lighting lenses. The fan is recommended for use with an optional two-function wall control and supports 100-Watt lighting.



Image: Broan 679 Bathroom Exhaust Fan with Light, showing the main unit with the white grille and light cover.

Key Features

- **Efficient Ventilation:** 70 Cubic Feet Per Minute (CFM) airflow capacity for effective moisture and odor removal.
- **Integrated Lighting:** Features a 100-Watt lighting capability with shatter-resistant lenses, providing illumination for your bathroom.
- **Quiet Operation:** Operates at 3.5 Sones, offering effective ventilation without excessive noise.
- **Durable Construction:** Equipped with a plug-in, permanently lubricated motor and an efficient polymeric fan impeller for long-lasting performance.
- **Easy Installation:** Designed for straightforward installation or replacement, including polymeric duct connectors with tapered sleeves for positive ducting.
- **Safety Certified:** UL Listed for safe use over bathtubs and showers when connected to a GFCI-protected branch circuit. Type IC (Insulation Contact) rated.
- **Aesthetic Design:** Classic white polymeric grille blends seamlessly with most bathroom decors.

Setup and Installation

Installation of the Broan 679 fan is designed to be straightforward. Ensure you have access to the ceiling area where the fan will be installed and that a suitable duct is already present or can be installed. The unit is designed to fit 2-inch by 6-inch ceiling construction.

1. **Preparation:** Before beginning installation, ensure power to the circuit is turned off at the main service panel.
2. **Duct Connection:** Connect the fan's polymeric duct connector to your existing ceiling ductwork. The tapered

sleeves are designed for easier, positive ducting.

3. **Mounting:** Secure the fan unit into the ceiling. The mounting ears offer sturdy and quick installation. For optimal stability, ensure the unit is properly screwed into the ceiling joists or appropriate supports.
4. **Electrical Wiring:** Wire the fan and light according to local electrical codes. The unit is UL listed for use over bathtubs or showers when connected to a GFCI protected branch circuit.
5. **Grille and Lens Installation:** Once the main unit is secured and wired, attach the classic white polymeric grille and the shatter-resistant lighting lenses.

Note: For detailed wiring diagrams and specific installation requirements, please refer to the complete installation guide provided with your product packaging. Professional installation is recommended if you are not familiar with electrical wiring.

Your browser does not support the video tag.

Video: An overview of Broan-NuTone Bath Ventilation Fans, highlighting various product lines and features, including installation aspects.

Operating Instructions

The Broan 679 fan and light combination is typically operated via a standard wall switch. Depending on your wiring setup, you may have separate switches for the fan and light, or a single switch controlling both functions.

- **Fan Operation:** To activate the ventilation fan, flip the designated wall switch to the "ON" position. The fan will begin to draw air, removing moisture and odors from the bathroom.
- **Light Operation:** To turn on the integrated light, flip the designated wall switch to the "ON" position. The fan supports a 100-Watt bulb (not included).
- **Optimal Use:** For best results in removing humidity after showering or bathing, allow the fan to run for at least 15-20 minutes after use.

Maintenance

Regular maintenance ensures optimal performance and longevity of your Broan 679 ventilation fan. Always disconnect power to the unit at the circuit breaker before performing any maintenance.

- **Grille Cleaning:** Periodically remove the grille and wipe it clean with a damp cloth and mild detergent. Ensure it is completely dry before reattaching.
- **Motor Lubrication:** The motor is permanently lubricated and does not require additional oiling.
- **Light Bulb Replacement:** To replace the light bulb, carefully remove the light lens and replace the bulb with a 100-Watt maximum incandescent bulb or an equivalent LED bulb. Reattach the lens securely.
- **Impeller Cleaning:** If necessary, the fan impeller can be carefully cleaned to remove dust and debris that may accumulate over time.

Troubleshooting

If you experience issues with your Broan 679 ventilation fan, consider the following common troubleshooting steps:

- **Fan Not Operating:** Check the circuit breaker to ensure power is supplied to the unit. Verify that the wall switch is in the "ON" position.
- **Reduced Airflow:** Ensure the grille is clean and free of obstructions. Check the ductwork for any blockages or disconnections.
- **Excessive Noise:** Verify that the fan is securely mounted and that no loose components are causing vibrations. Clean the fan impeller if it appears to be unbalanced due to debris.

- **Light Not Working:** Check if the light bulb needs replacement. Ensure the light switch is functioning correctly.

For persistent issues or complex repairs, it is recommended to contact Broan-NuTone customer support or a qualified electrician.

Specifications

Specification	Detail
Brand	Broan-NuTone
Model Name	679
Air Flow Capacity	70 Cubic Feet Per Minute (CFM)
Sones	3.5 Sones
Wattage (Light)	100 watts (maximum)
Voltage	120 Volts
Power Source	AC
Product Dimensions	8"D x 8.25"W x 5.75"H
Item Weight	3.3 Pounds
Color	White
Material	Plastic
Room Type	Bathroom
Special Feature	With Light
UL Listed	Yes, for use over bathtubs/showers with GFCI
Type IC	Yes (Insulation Contact)

Warranty and Support

Broan-NuTone stands behind the quality of its products. For specific warranty details regarding your Broan 679 Bathroom Fan, please refer to the warranty card included in your product packaging or visit the official Broan-NuTone website. For any technical assistance, troubleshooting, or parts inquiries, you can contact Broan-NuTone's award-winning customer support team. Contact information is typically available on the product packaging or the manufacturer's website.

Image: Broan-NuTone company logo.

Additional Information

Broan-NuTone is committed to improving indoor air quality. Their ventilation products are designed to eliminate odor and

airborne particulates from various areas of your home, contributing to a healthier living environment.



Image: Broan-NuTone brand story hero image, emphasizing fresh air and nature.

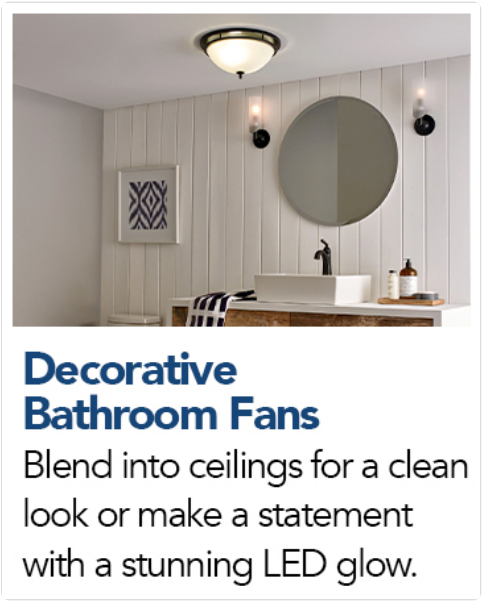


Image: Infographic highlighting Broan-NuTone's North American manufacturing and leadership in indoor air quality.

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