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Broan-NuTone QTXE080

Broan-NuTone Very Quiet Ceiling Bathroom Exhaust Fan Instruction Manual

Model: QTXE080

Brand: Broan-NuTone

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Broan-NuTone Very Quiet Ceiling Bathroom Exhaust Fan. Designed for optimal air quality and quiet performance, this fan is an essential addition to any bathroom.



Figure 1: Broan-NuTone Very Quiet Ceiling Bathroom Exhaust Fan

The Broan-NuTone Very Quiet Ceiling Bathroom Exhaust Fan, model QTXE080, is designed to efficiently remove moisture and odors from bathrooms up to 75 square feet, operating at an ultra-quiet 0.3 Sones and 80 CFM.

2. Key Features

- **High-Quality Performance:** Motor engineered for continuous operation at 80 CFM and an ultra-quiet 0.3 Sones, suitable for bathrooms up to 75 sq. ft.
- **Easy Installation:** Designed for straightforward installation or replacement, requiring only a 2" x 8" construction space. Includes hanger bars for flexible mounting.
- **Superior Ducting:** Features a 6" ducting system for optimal airflow and performance.
- **Energy Efficient:** ENERGY STAR qualified and HVI Certified, ensuring high quality and energy savings.
- **GFCI Circuit Compatibility:** Can be used over bathtubs or showers when connected to a GFCI protected branch

circuit.



Figure 2: High Quality Performance

This fan operates at 80 CFM and a mere 0.3 Sones, ensuring powerful yet virtually silent ventilation.



Figure 3: Easy Installation

The fan comes with a hanger bar system for fast and flexible installation in various construction types.



Figure 4: Certified for Quality and Efficiency

The fan is ENERGY STAR qualified and HVI Certified, guaranteeing high standards of performance and energy efficiency.

3. Specifications

Attribute	Value
Brand	Broan-NuTone
Model Name	Very Quiet Ceiling Bathroom Exhaust Fan, ENERGY STAR* Certified
Model Number	QTXE080

Attribute	Value
Color	White
Electric Fan Design	Exhaust Fan
Power Source	AC (Hardwired)
Style	80 CFM
Product Dimensions	7.63"D x 11.38"W x 10.5"H
Room Type	Bathroom
Special Feature	ENERGY STAR, Ultra Quiet
Noise Level	0.3 Sones
Air Flow Capacity	80 Cubic Feet Per Minute
Wattage	23.3 watts
Item Weight	11 Pounds

SPECIFICATIONS

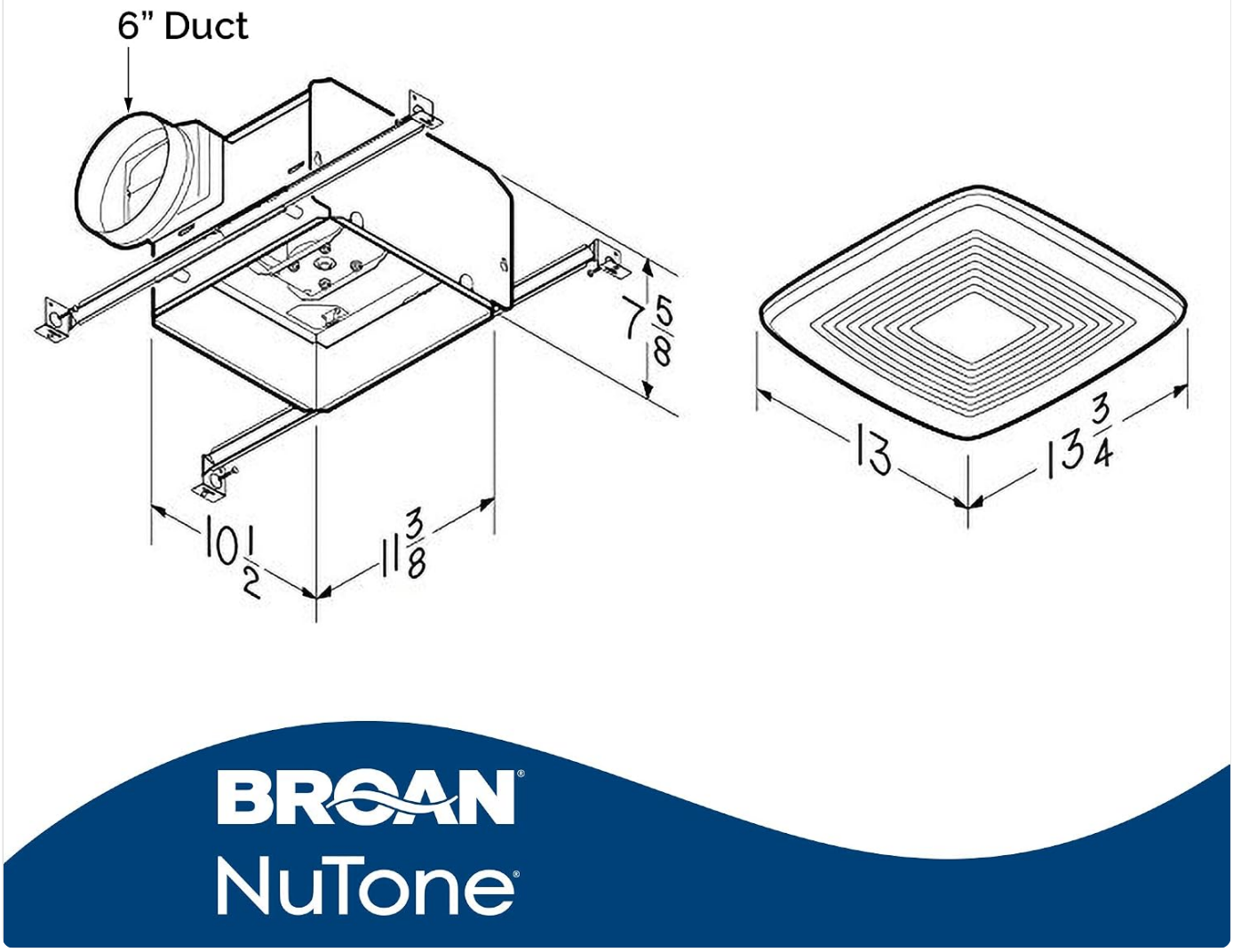


Figure 5: Product Dimensions and Ducting

Detailed dimensions for installation, highlighting the 6-inch duct requirement.

4. Setup and Installation

For detailed installation instructions, please refer to the official Installation Manual (PDF) available on the product's Amazon page or the manufacturer's website. Below are general guidelines:

1. **Preparation:** Ensure the installation area has a minimum 2" x 8" construction space. Turn off power at the circuit breaker before beginning any electrical work.
2. **Ducting:** It is crucial to use 6" ducting or larger for proper airflow performance. The shortest possible ducting run is recommended. Any turns in ductwork should be at least 2 feet away from the fan housing, with at least 2 feet between subsequent elbows if additional turns are necessary.

3. **Mounting:** Utilize the included hanger bars for fast and flexible installation. Securely mount the fan housing to the ceiling joists.
4. **Wiring:** Connect the fan to a GFCI protected branch circuit if installing over a bathtub or shower. Ensure all electrical connections comply with local codes and regulations.
5. **Grille Installation:** Once the fan is wired and secured, attach the grille to the fan housing.

Important Note: If you are replacing an existing fan, ensure the new fan's dimensions and ducting requirements are compatible with your current setup.

5. Operating Instructions

The Broan-NuTone Very Quiet Ceiling Bathroom Exhaust Fan is designed for simple operation, typically controlled by a standard wall switch.

- **Turning On/Off:** Activate the fan using the designated wall control switch.
- **Quiet Operation:** Due to its 0.3 Sones rating, the fan operates with minimal noise. You may barely notice it running, but its efficient airflow will be working to clear the air.
- **Continuous Operation:** The motor is engineered for continuous operation, providing consistent air quality control.

Video 1: Broan Bath Ventilation Fans Product Line Overview

This video provides an overview of Broan-NuTone's bath ventilation fan product line, showcasing their commitment to quiet and efficient air quality solutions.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your exhaust fan.

- **Cleaning the Grille:** Periodically wipe the exterior grille with a soft, damp cloth to remove dust and debris. For deeper cleaning, the grille can often be easily removed and washed with mild soap and water. Ensure it is completely dry before reattaching.
- **Motor and Fan Blade Cleaning:** If accessible and comfortable, carefully clean the fan blades and motor housing to prevent dust buildup, which can reduce efficiency. Always disconnect power before attempting to clean internal components.
- **Ductwork Inspection:** Annually inspect the ductwork for any obstructions, kinks, or disconnections that might impede airflow.

Always ensure power is disconnected before performing any maintenance or cleaning.

7. Troubleshooting

If you encounter issues with your exhaust fan, try the following common troubleshooting steps:

- **Fan Not Operating:**
  - Check the circuit breaker to ensure power is supplied to the fan.
  - Verify that the wall switch is in the 'ON' position.
  - Ensure all electrical connections are secure (consult a qualified electrician if unsure).
- **Reduced Airflow/Loud Noise:**
  - Clean the fan grille and blades as described in the Maintenance section.
  - Inspect the ductwork for obstructions or improper installation (e.g., too many turns, incorrect size).
  - Ensure the fan housing is securely mounted and not vibrating against surrounding structures.
- **Fan is Running, But Noisy:**
  - Check for loose screws or components within the fan housing.
  - Ensure the fan blades are free of debris and spinning freely.

If problems persist after attempting these steps, contact customer support or a qualified technician.

8. Warranty Information

Broan-NuTone products are manufactured to the highest quality standards and are backed by a limited warranty. Please refer to the warranty card included with your product packaging or visit the official Broan-NuTone website for specific warranty terms and conditions.

Keep your purchase receipt as proof of purchase for any warranty claims.

9. Customer Support

For further assistance, technical support, or to inquire about replacement parts, please contact Broan-NuTone customer service:

- **Website:** www.broan-nutone.com
- **Phone:** Refer to the contact section on the official website for regional phone numbers.

You can also find additional resources, FAQs, and product documentation on their website.

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