

Broan QTRE080FLFT

Broan QTRE080FLFT Ultra Silent Bathroom Fan/Light Instruction Manual

Model: QTRE080FLFT

Brand: Broan

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Broan QTRE080FLFT Ultra Silent Bathroom Fan/Light. Please read this manual thoroughly before beginning installation or operation to ensure proper function and safety.

Important Note: This product is a finish kit and requires the separate purchase of the Broan QTXR000HL housing for complete installation and functionality.

SAFETY INFORMATION

Always follow basic safety precautions when installing, operating, or servicing this product to reduce the risk of fire, electric shock, or injury to persons.

- Disconnect power at the service panel before wiring.
- All wiring must be done by a qualified electrician in accordance with all applicable codes and standards, including fire-rated construction.
- This unit is UL Listed for use over bathtubs or showers when connected to a GFCI protected branch circuit.
- Do not use this fan with any solid-state speed control device.
- Ensure proper ducting to the outside.

PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- Motor Plate
- Motor
- Wheel (Fan Blade)

- Grille
- Two (2) 18-watt GU24 Fluorescent Bulbs

Note: The 4-watt nightlight bulb is sold separately and is not included in this package.

SETUP AND INSTALLATION

This section outlines the steps for installing the Broan QTRE080FLFT finish kit into the separately purchased QTXR000HL housing.

Tools Required:

- Screwdriver (Phillips and Flathead)
- Wire Strippers
- Pliers
- Measuring Tape
- Safety Glasses
- Gloves

Installation Steps:

1. **Prepare Housing:** Ensure the QTXR000HL housing is securely installed in the ceiling according to its own instruction manual. The housing is designed to fit 2" x 8" construction.
2. **Connect Ducting:** Connect the 4-inch ducting to the housing's duct connector and secure it with appropriate clamps (not included). Ensure the ducting leads to the outside.
3. **Wiring:** With power disconnected, connect the electrical wiring from the junction box to the housing's wiring. Follow the wiring diagram provided with the QTXR000HL housing. Ensure all connections are secure and insulated.
4. **Install Motor Plate Assembly:**



Image: Broan QTRE080FLFT fan assembly showing the motor, wheel, and duct connection to the housing.

Carefully insert the motor plate assembly (motor and wheel attached) into the housing. Secure it using the provided screws or clips, ensuring it is firmly seated.

5. **Install Light Bulbs:** Insert the two (2) 18-watt GU24 fluorescent bulbs into their respective sockets on the motor plate. If using a nightlight, install the 4-watt nightlight bulb (sold separately) into its designated socket.

6. Attach Grille:



Image: The white grille of the Broan QTRE080FLFT, which covers the fan and light assembly.

Align the grille with the housing and push it up until the torsion springs or mounting clips snap into place, securing the grille flush against the ceiling.

7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the service panel.

OPERATING INSTRUCTIONS

The Broan QTRE080FLFT operates via standard wall switches. Depending on your wiring configuration, you may have separate switches for the fan, main light, and nightlight.

- **Fan Operation:** Flip the designated wall switch to turn the exhaust fan ON or OFF. The fan is designed for continuous operation and provides 80 CFM of airflow with a very quiet 0.8 Sones sound level.
- **Main Light Operation:** Flip the designated wall switch to turn the 36-watt fluorescent light ON or OFF.
- **Nightlight Operation (Optional):** If a nightlight bulb was installed and wired separately, flip its designated wall switch to turn the nightlight ON or OFF.

Note: This unit is not compatible with solid-state speed control devices.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Broan QTRE080FLFT fan/light. Always disconnect power before performing any maintenance.

Cleaning the Grille:

- Gently pull down the grille to disengage the torsion springs or clips.
- Wash the grille in warm, soapy water. Rinse thoroughly and dry completely before reattaching.
- Wipe the light lens with a soft, damp cloth.

Cleaning the Fan Assembly:

- With the grille removed and power disconnected, carefully wipe the fan wheel and motor housing with a damp cloth.
- Do not immerse the motor in water.
- Ensure all parts are dry before restoring power.

Bulb Replacement:

- Disconnect power.

- Remove the grille.
- Carefully twist and pull out the old GU24 fluorescent bulbs.
- Insert new GU24 fluorescent bulbs (18-watt, compact fluorescent).
- For the nightlight, replace with a 4-watt incandescent nightlight bulb (if applicable).
- Reattach the grille and restore power.

TROUBLESHOOTING

If you experience issues with your Broan QTRE080FLFT, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not operate.	No power; loose wiring; motor malfunction.	Check circuit breaker/fuse. Verify all wiring connections are secure. If problem persists, contact a qualified electrician.
Light does not turn on.	Bulb burned out; loose wiring; faulty switch.	Replace bulbs. Check wiring connections. Test switch functionality.
Fan is noisy.	Dirty fan wheel; loose mounting; obstruction in ducting.	Clean fan wheel. Ensure unit is securely mounted. Check ducting for blockages.
Poor ventilation.	Ducting obstruction; improper duct size; fan motor issue.	Check ducting for blockages or kinks. Ensure 4-inch ducting is used. Clean fan wheel.

If troubleshooting steps do not resolve the issue, contact Broan customer support or a qualified service technician.

SPECIFICATIONS

Feature	Specification
Model Number	QTRE080FLFT
Air Flow Capacity	80 Cubic Feet Per Minute (CFM)
Sound Level	0.8 Sones (Ultra Silent)
Main Light Wattage	36 Watts (2 x 18W GU24 Fluorescent bulbs included)
Nightlight Wattage	4 Watts (bulb sold separately)
Duct Size	4-Inch Round
Voltage	120 Volts
Power Source	Corded Electric
Product Dimensions (Grille)	11.38"D x 7.63"W x 10.5"H
Weight	11.3 Pounds
Compliance	Energy Star Qualified, Title 24 Compliant, UL Listed (for tub/shower with GFCI)
Required Housing	Broan QTXR000HL (sold separately)

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your Broan QTXR000HL housing or visit the official Broan-NuTone website. Broan provides customer support for product inquiries, technical assistance, and warranty claims.

Please have your model number (QTRE080FLFT) and purchase information ready when contacting support.

Note: Specific warranty terms and contact details are not provided in this manual. Please refer to the manufacturer's official resources.

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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.

Name

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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