Broan-NuTone BHFLED80

Broan-NuTone PowerHeat Bathroom Exhaust Fan, Heater, and LED Light Combination

Model: BHFLED80
Brand: Broan-NuTone

Introduction

This manual provides comprehensive instructions for the Broan-NuTone BHFLED80 PowerHeat Bathroom Exhaust Fan, Heater, and LED Light Combination. This innovative unit integrates three essential functions: powerful ventilation, efficient heating, and versatile LED lighting. Designed to enhance comfort and air quality in your bathroom, this manual will guide you through its features, installation, operation, and maintenance.

Safety Information

Always disconnect power at the circuit breaker before installing, servicing, or cleaning the unit. All wiring must be performed by a qualified electrician in accordance with all applicable local codes and national electrical codes. Ensure the unit is properly grounded. Do not use this fan in a cooking area. This unit is designed for indoor use only. Maintain proper clearances from combustible materials as specified in the detailed installation manual.

Package Contents

- Broan-NuTone BHFLED80 PowerHeat Unit (Housing, Fan, Heater, LED Light)
- Grille Assembly
- Installation Manual (PDF available online)
- Mounting Hardware

Setup and Installation

Professional installation is recommended for this unit. Refer to the comprehensive Installation Manual for detailed step-by-step instructions, wiring diagrams, and safety precautions. The unit is designed to fit 2" x 6" ceiling construction and features rugged galvanized steel housing.



Figure 1: Broan-NuTone BHFLED80 PowerHeat unit, showcasing its compact design and integrated components.



Figure 2: Detailed dimensions of the BHFLED80 unit, indicating its suitability for 2" x 6" ceiling construction and HVI certification for air and sound ratings.

Video 1: Official Broan-NuTone overview of the PowerHeat Bathroom Exhaust Fan and Heater, demonstrating its features and installation considerations.

Operating Instructions

The Broan-NuTone PowerHeat unit offers independent or combined operation of its fan, heater, and light functions, typically controlled by separate wall switches (not included).

Fan Operation

Activate the fan to remove excess moisture and odors from your bathroom. The 80 CFM fan operates quietly at 1.5 sones, providing effective ventilation.

Heater Operation

Turn on the 1300-watt heater for instant warmth, especially beneficial during colder mornings. The heater provides consistent heat throughout the space.



Figure 3: The PowerHeat unit actively heating a bathroom space, illustrating its ability to provide instant warmth.

LED Light Operation

The integrated LED light is dimmable and features CCT (Correlated Color Temperature) control, allowing you to choose between three color options: warm white (2700K), bright white (3500K), and daylight (5000K). This allows for customization to match your preference or existing lighting.

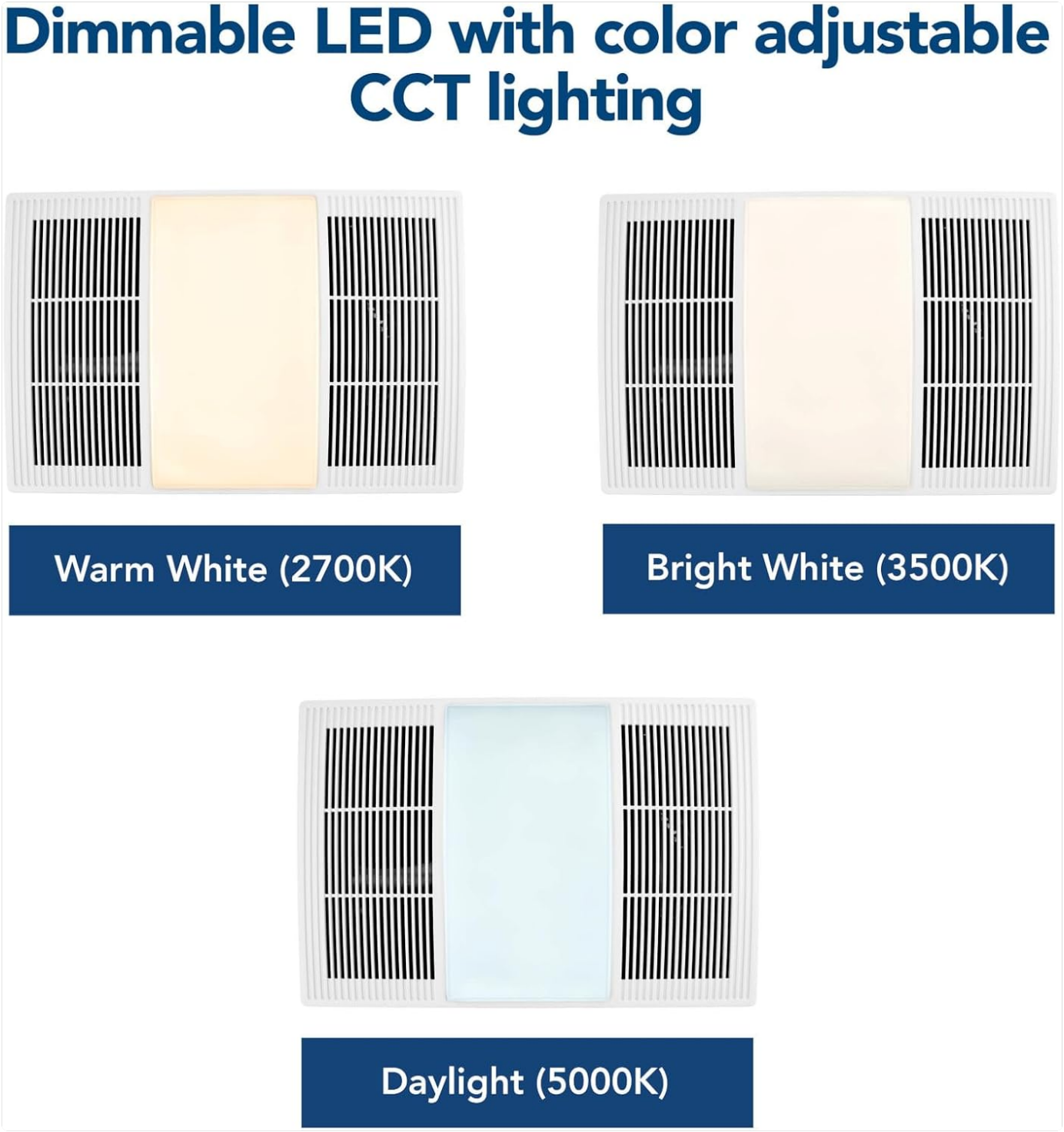


Figure 4: Visual representation of the three color temperature options available with the dimmable CCT LED lighting: Warm White (2700K), Bright White (3500K), and Daylight (5000K).

Maintenance

Regular cleaning of the fan grille and light cover is recommended to maintain optimal performance and appearance. Always ensure the power is disconnected before cleaning. Use a soft, damp cloth with mild soap to wipe down surfaces. Avoid abrasive cleaners or solvents.

Troubleshooting

- **Unit not operating:** Check the circuit breaker and ensure all wiring connections are secure.
- **Reduced airflow/heating:** Clean the fan grille to remove any dust or debris buildup.
- **Unusual noise:** Ensure the unit is securely mounted and free from obstructions. If noise persists, consult a qualified technician.
- **Light not working:** Check the light bulb (if replaceable) or consult the installation manual for LED troubleshooting.

For persistent issues, refer to the detailed troubleshooting section in the full Installation Manual or contact customer support.

Specifications

Feature	Specification
Brand	Broan-NuTone
Model Name	BHFLED80
Electric Fan Design	Exhaust Fan
Air Flow Capacity	80 Cubic Feet Per Minute (CFM)
Noise Level	1.5 Sones
Heater Wattage	1300 watts
Voltage	120 Volts
Power Source	AC
Light Type	LED (Dimmable, CCT Adjustable)
Product Dimensions (D x W x H)	8.25" x 14.25" x 5.87"
Room Type	Bathroom
Control Method	Touch (via wall switches)
Item Weight	12.7 Pounds

Warranty

The Broan-NuTone BHFLED80 PowerHeat unit comes with a 1-Year Limited Warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty details and conditions, refer to the official Installation Manual or contact Broan-NuTone customer support.

Support

For additional support, technical assistance, or to access the full Installation Manual, please visit the official Broan-NuTone website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official website.
You can also download the Installation Manual directly from this link: Broan-NuTone BHFLED80 Installation Manual (PDF)

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