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## Nutone 763N

# Nutone 763N BROAN-NUTONE Ventilation Fan with Light User Manual

Model: 763N

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Nutone 763N BROAN-NUTONE Ventilation Fan with Light. This unit is designed to provide efficient ventilation and bright illumination in one integrated system, ensuring a comfortable and well-lit environment.

The Nutone 763N features quiet operation, an attractive grille, and a plug-in motor and light for ease of use and maintenance. Please read this manual thoroughly before installation and operation to ensure safe and proper use of the product.

## SAFETY INFORMATION

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**WARNING: To reduce the risk of fire, electric shock, or injury to persons, observe the following:**

- Always disconnect power at the service panel before servicing or cleaning the unit.
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- This unit is suitable for use over a tub or shower enclosure when installed in a GFCI protected branch circuit.
- Do not use with solid state speed controls.
- Not for use in kitchens.
- Type IC for use with thermal insulation.

## PRODUCT OVERVIEW

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The Nutone 763N combines a ventilation fan and an incandescent light in a single, compact unit. Key features include:

- **Efficient Ventilation:** Provides 50 CFM (Cubic Feet per Minute) air delivery to effectively remove moisture and odors.
- **Quiet Operation:** Engineered for a sound level of 2.5 Sones, ensuring minimal noise disruption.

- **Integrated Lighting:** Features a translucent white polymeric lens for diffused light, using one (1) 100W maximum A19 incandescent bulb (bulb not included).
- **Separate Controls:** Fan and light can be operated independently or together, depending on your needs.
- **Durable Construction:** Housing made of galvanized steel with a white polymeric grille.



Figure 1: Angled view of the Nutone 763N Ventilation Fan with Light, showing the white grille and translucent light cover.



Figure 2: Top-down view of the Nutone 763N, highlighting the square light and surrounding ventilation grilles.

## SETUP AND INSTALLATION

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Installation instructions are included with each unit. A mounting flange is provided for secure installation. Ensure all local electrical codes and safety regulations are followed during installation.

### Pre-Installation Checklist:

- Verify power is disconnected at the service panel.
- Ensure the installation location is suitable (e.g., not in kitchens, suitable for GFCI protected circuits over tubs/showers).
- Confirm duct size is 4 inches in diameter for proper connection.
- Prepare necessary tools and materials (e.g., wiring, fasteners, screwdriver).

### Installation Steps:

1. Carefully unpack the unit and inspect for any damage.
2. Position the housing (8 $\frac{1}{4}$ " x 8" x 5 $\frac{3}{4}$ ") in the desired ceiling location, utilizing the provided mounting flange for secure attachment.
3. Connect the 4-inch diameter ductwork to the fan's duct connector.
4. Perform electrical wiring connections according to local codes. The unit operates on 120 VAC, 60 Hz, 1.6 A. Ensure

- a GFCI protected branch circuit if installing over a tub or shower.
5. Install one (1) 100W maximum A19 incandescent bulb (not included) into the lamp socket.
  6. Attach the white polymeric grille (12" x 10<sup>3</sup>/<sub>4</sub>") and translucent white polymeric lens to the housing.
  7. Restore power at the service panel and test the fan and light functions.



Figure 3: Side view illustrating the 4-inch duct connection point on the fan housing.

## OPERATING INSTRUCTIONS

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The Nutone 763N Ventilation Fan with Light is designed for straightforward operation. The fan and light functions can be controlled independently or simultaneously, depending on your wiring setup and switch configuration.

- **Fan Operation:** Activate the fan using the designated wall switch. The fan will begin to draw air, removing moisture and odors from the room.
- **Light Operation:** Activate the light using its dedicated wall switch. The incandescent bulb will provide illumination through the diffused lens.

- **Combined Operation:** If wired to a single switch or a dual-function switch, both the fan and light can be turned on or off together.

For optimal performance, it is recommended to operate the fan during and after activities that generate moisture, such as showering, to prevent humidity buildup and potential mildew growth.



Figure 4: The Nutone 763N fan and light unit seamlessly installed in a bathroom ceiling, providing both ventilation and overhead lighting.

## MAINTENANCE

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Regular maintenance will ensure the longevity and efficient operation of your Nutone 763N unit. Always disconnect power

at the service panel before performing any maintenance.

### Cleaning the Grille and Lens:

- Gently pull down the grille to detach it from the housing.
- Remove the translucent lens.
- Wash the grille and lens with mild soap and water. Rinse thoroughly and dry completely before reattaching.

### Cleaning the Blower Wheel:

- With the grille removed, carefully wipe down the one-piece molded polymeric blower wheel with a damp cloth.
- Avoid using abrasive cleaners or solvents.

### Bulb Replacement:

- Ensure power is off.
- Remove the grille and lens.
- Carefully unscrew the old A19 incandescent bulb.
- Screw in a new 100W maximum A19 incandescent bulb.
- Reattach the lens and grille.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not operate.	No power to the unit; faulty switch; motor issue.	Check circuit breaker/fuse. Verify wall switch is functional. Consult a qualified electrician if issues persist.
Light does not turn on.	Burned out bulb; no power to the unit; faulty switch.	Replace bulb. Check circuit breaker/fuse. Verify wall switch is functional.
Fan is noisy.	Dirty blower wheel; loose mounting; obstruction in duct.	Clean blower wheel. Ensure unit is securely mounted. Check ductwork for obstructions.
Poor ventilation.	Dirty blower wheel; obstructed ductwork; incorrect duct size.	Clean blower wheel. Clear any duct obstructions. Ensure 4-inch duct is used.

## SPECIFICATIONS

Feature	Detail
Brand	Nutone
Model Name	763N
Air Flow Capacity	50 Cubic Feet Per Minute (CFM)
Noise Level	2.5 Sones
Housing Dimensions	8¼" x 8" x 5¾"
Grille Dimensions	12" x 10¾"
Duct Size	4 inch diameter

Feature	Detail
Lamp Type	Incandescent (100W max A19, bulb not included)
Electrical Rating	120 VAC, 60 Hz, 1.6 A (with one 100W bulb)
Housing Material	Galvanized Steel
Grille Material	White Polymeric
Lens Material	Translucent White Polymeric
Motor	Plug-in, permanently lubricated
Blower Wheel	One-piece polymeric, 4¾" diameter
Installation Type	Mounting flange provided, Type IC for thermal insulation

## WARRANTY AND SUPPORT

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For specific warranty information and details regarding your Nutone 763N Ventilation Fan with Light, please refer to the warranty card included with your product packaging or visit the official Nutone website. Keep your purchase receipt as proof of purchase for any warranty claims.

If you require technical assistance, replacement parts, or have questions not covered in this manual, please contact Nutone Customer Service. Contact information can typically be found on the product packaging or the official Nutone website.