

Broan-NuTone 273003

Broan 273003 30-Inch Stainless Steel Downdraft Ventilation System User Manual

Model: 273003 | Brand: Broan-NuTone

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Broan 273003 30-inch Stainless Steel Downdraft Ventilation System. Please read all instructions carefully before use and retain this manual for future reference.

SAFETY INFORMATION

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

- 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.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back-drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Ducted fans must always be vented to the outdoors.
- Always disconnect power from the unit before servicing.

SETUP AND INSTALLATION

The Broan 273003 downdraft system is designed for integration with most self-contained cooktops. Professional installation is highly recommended to ensure proper function and safety. The unit features a versatile blower that can discharge right, left, or down, and slides side-to-side to ease installation into your kitchen island or countertop.

All necessary components for installation are typically included with the unit. Refer to the detailed installation guide provided in the product packaging for specific instructions and diagrams.



Figure 1: Broan 273003 30-Inch Stainless Steel Downdraft Ventilation System. This image shows the downdraft system integrated into a kitchen island countertop, with the cooktop grates visible.

OPERATING INSTRUCTIONS

Your Broan 273003 downdraft system is designed for ease of use, providing efficient ventilation for your cooking needs.

Powering On and Raising the Downdraft

To activate the downdraft system, simply touch the power button located on the unit. The downdraft will automatically raise into position, ready to extract cooking odors and smoke. It disappears flush with the cooktop surface when not in use, maintaining a sleek kitchen aesthetic.

Adjusting Fan Speed

The unit features an infinitely adjustable variable speed slide control, conveniently flush with the side of the unit. Slide the control to select your desired airflow, from low to high, to match the intensity of your cooking. The 500 CFM interior blower provides powerful ventilation.

Powering Off and Retracting the Downdraft

To turn off the system and retract the downdraft, press the power button again. The unit will smoothly lower back into the countertop, becoming flush with the surface.

Your browser does not support the video tag.

Video 1: Broan Range Hood Product Line. This video provides a general overview of Broan-NuTone's range hood product line, showcasing various models and their features.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your downdraft ventilation system.

Cleaning Grease Filters

The Broan 273003 includes two washable aluminum grease filters. These filters should be cleaned regularly to maintain airflow efficiency. Access to the filters is provided via a convenient front access panel. Remove the filters, wash them with warm, soapy water or in a dishwasher, and ensure they are completely dry before reinstalling.

Surface Cleaning

Clean the stainless steel surfaces with a soft cloth and a non-abrasive stainless steel cleaner. Avoid using harsh chemicals or abrasive pads that could scratch the finish.

TROUBLESHOOTING

If you encounter issues with your downdraft ventilation system, refer to the following common troubleshooting steps:

- **Unit Not Operating:** Check if the unit is properly connected to power. Ensure the circuit breaker has not tripped.
- **Downdraft Not Raising/Lowering:** Verify that there are no obstructions preventing the unit from moving. If the issue persists, contact a qualified service technician.
- **Reduced Airflow:** Check if the grease filters are clean and properly installed. Ensure there are no blockages in the ductwork.
- **Excessive Noise:** Ensure the unit is securely mounted and all components are tightened. Clean the filters and check for any foreign objects in the blower area.

For complex issues or repairs, it is recommended to contact Broan-NuTone customer support or a certified technician.

SPECIFICATIONS

Feature	Specification
Model Name	273003
Brand	Broan-NuTone
Color	Stainless Steel
Product Dimensions	7"D x 36"W x 29.5"H
Item Weight	76 Pounds

Air Flow Capacity	500 Cubic Feet Per Minute (CFM)
Noise Level	3 Sones
Power Source	Corded Electric
Wattage	480 watts
Voltage	120 Volts
Control Method	Touch
Special Feature	Stainless Steel, Adjustable
Included Components	Stainless Steel, Adjustable Feature, Washable Aluminum Grease Filter, 500 CFM Blower

WARRANTY AND SUPPORT

Warranty Information

This Broan 273003 Downdraft Ventilation System comes with a one-year limited warranty. Please refer to the warranty card included with your product for full terms and conditions.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Broan-NuTone customer support. Contact information can typically be found on the manufacturer's website or in your product packaging.