Broan-NuTone BU230SS

Broan-NuTone BU230SS Under Cabinet Range Hood User Manual

Model: BU230SS

1. Introduction

This user manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Broan-NuTone BU230SS Under Cabinet Range Hood. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The Broan-NuTone BU230SS is designed to enhance air quality in your kitchen by efficiently removing smoke, steam, and cooking odors. It features a 2-speed exhaust fan, incandescent lighting, and a 210 Max Blower CFM for effective ventilation.



Figure 1.1: Front view of the Broan-NuTone BU230SS Under Cabinet Range Hood. This image displays the sleek stainless steel finish and the control panel located on the front.

2. Important Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury to persons.

- Read all instructions before installing or operating this appliance.
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes

and standards, including fire-rated construction.

- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back-drafting.
- 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.
- Do not use this unit with any solid-state speed control device.
- To reduce the risk of fire, use only metal ductwork.
- Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- Always turn OFF power to the unit at the service panel before servicing.

3. Setup and Installation

This section outlines the steps for setting up and installing your Broan-NuTone BU230SS range hood. Professional installation is recommended.

3.1 Tools and Materials Required

- Drill
- Screwdriver (Phillips and Flathead)
- Measuring Tape
- Pencil
- Wire Strippers
- Duct Tape (for ducted installations)
- Safety Glasses and Gloves

3.2 Installation Options

The BU230SS supports both ducted and non-ducted (recirculating) installations. For non-ducted installations, a charcoal filter (Broan-NuTone part 41F, not included) is required.



Figure 3.1: The Broan-NuTone BU230SS range hood installed in a kitchen setting, showcasing its under-cabinet placement and stainless steel finish. This illustrates a typical ducted installation.

3.3 Mounting the Range Hood

1. **Prepare the Cabinet:** Ensure the cabinet above the stove is clear and structurally sound to support the range hood.
2. **Mark Mounting Points:** Use the provided template or measure and mark the mounting screw locations on the underside of the cabinet.
3. **Drill Pilot Holes:** Drill pilot holes at the marked locations.
4. **Secure the Hood:** Lift the range hood into position and secure it to the cabinet using appropriate mounting screws. Ensure it is level.
5. **Connect Ductwork (if ducted):** Connect the range hood's exhaust outlet to the existing ductwork using duct tape for a secure, airtight seal.
6. **Electrical Connection:** Connect the range hood to a grounded electrical outlet or hardwire it according to local electrical codes. Ensure power is OFF at the circuit breaker before making connections.

4. Operating Instructions

The Broan-NuTone BU230SS is designed for simple and efficient operation.

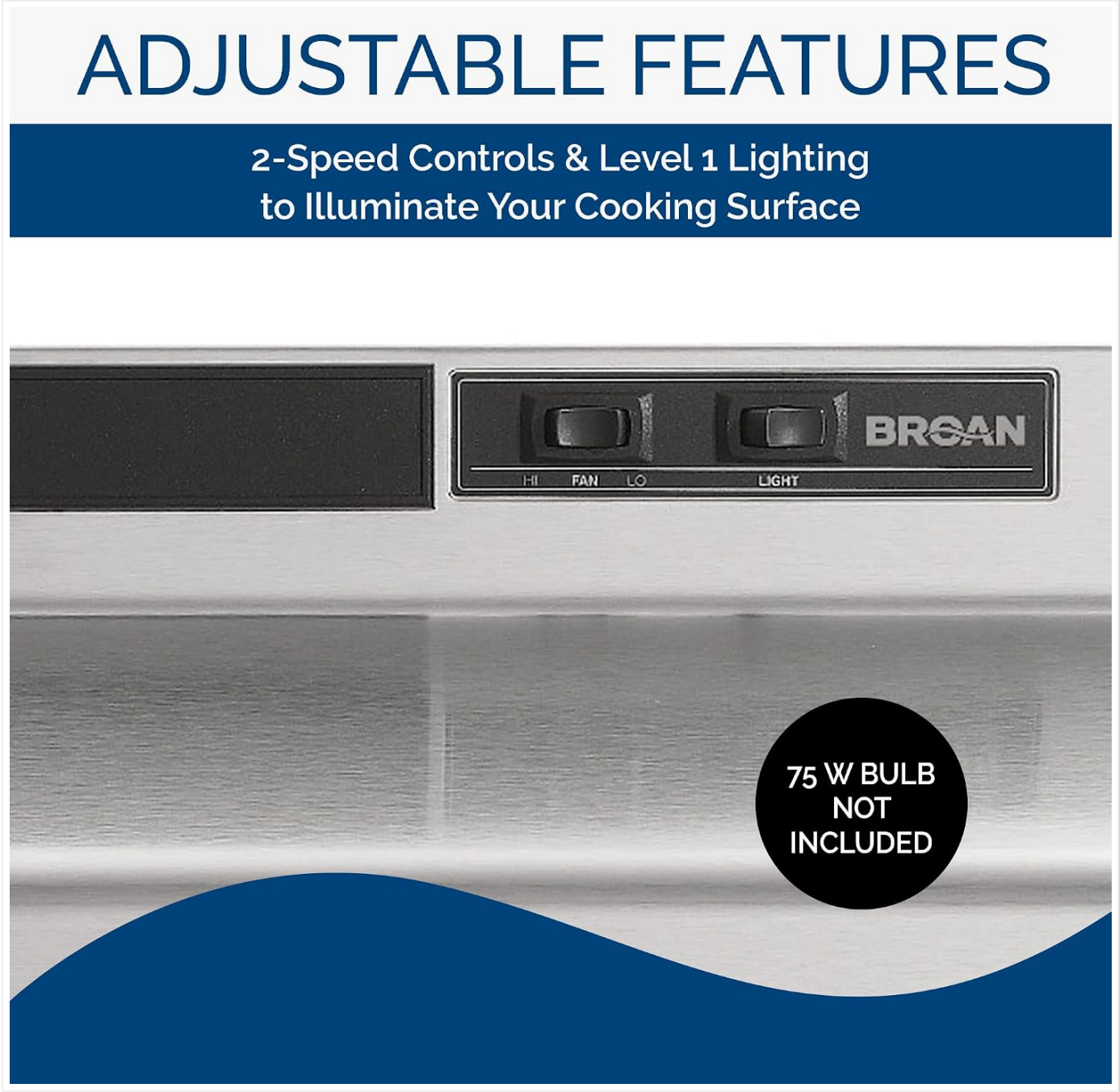


Figure 4.1: Detail of the control panel, featuring the 2-speed fan switch (HI/LO) and the light switch. Note that the 75W bulb is not included.

4.1 Fan Operation

The range hood features a 2-speed fan for effective ventilation.

- **Low Speed (LO):** Ideal for light cooking, simmering, or maintaining general air circulation.
- **High Speed (HI):** Use for heavy cooking, frying, or when significant smoke and odors are present.

To operate the fan, locate the fan switch on the control panel and slide it to the desired speed setting (LO or HI). Slide it to the OFF position to turn the fan off.

4.2 Lighting Operation

The range hood is equipped with incandescent lighting to illuminate your cooking surface.

- To turn the light ON, locate the light switch on the control panel and slide it to the ON position.
- To turn the light OFF, slide the switch to the OFF position.

Note: A 75W incandescent bulb is required and not included with the unit.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your range hood.

5.1 Cleaning the Aluminum Filter

The standard efficiency aluminum filter should be cleaned frequently to prevent grease buildup.

1. **Turn Off Power:** Always turn off power to the range hood at the service panel before cleaning.
2. **Remove Filter:** Locate the aluminum filter(s) on the underside of the hood. Gently push the release tab (if present) or slide the filter out of its slot.
3. **Clean Filter:** Wash the filter in hot water with a mild detergent or place it in a dishwasher. For stubborn grease, a degreasing agent may be used.
4. **Dry and Reinstall:** Allow the filter to dry completely before reinstalling it into the range hood.



Figure 5.1: Side view of the range hood, emphasizing its design which allows for easy filter removal for cleaning. The HVI certification indicates tested performance.

5.2 Replacing the Light Bulb

To replace the incandescent light bulb:

1. **Turn Off Power:** Ensure power to the range hood is OFF at the service panel.
2. **Allow to Cool:** If the light was recently on, allow the bulb to cool before handling.
3. **Remove Old Bulb:** Carefully unscrew the old 75W incandescent bulb.
4. **Install New Bulb:** Screw in a new 75W incandescent bulb. Do not overtighten.
5. **Restore Power:** Turn power back ON at the service panel.

5.3 Exterior Cleaning

Clean the exterior surfaces of the range hood with a soft cloth and a mild, non-abrasive cleaner. For stainless steel finishes, use a cleaner specifically designed for stainless steel to maintain its appearance.

6. Troubleshooting

This section provides solutions to common issues you might encounter with your range hood.

Problem	Possible Cause	Solution
Fan does not operate	No power to the unit; Fan switch is OFF; Motor malfunction	Check circuit breaker/fuse; Ensure fan switch is ON; Contact qualified service personnel
Light does not turn on	Light bulb is burnt out; Light switch is OFF; No power to the unit	Replace light bulb; Ensure light switch is ON; Check circuit breaker/fuse
Poor air suction	Grease filter is clogged; Ductwork is obstructed or too long; Incorrect installation	Clean or replace filter; Check ductwork for obstructions; Verify installation according to manual
Excessive noise	Loose parts; Motor issue; Improper ductwork	Check for loose screws or components; Contact service personnel; Inspect ductwork for proper sizing and installation

If you experience issues not listed here or if the suggested solutions do not resolve the problem, please contact Broan-NuTone customer support.

7. Specifications

Feature	Detail
Model Number	BU230SS
Dimensions (L x W x H)	44.45 x 76.2 x 15.24 cm (17.5 x 30 x 6 inches)
Weight	5.7 kg (12.57 lbs)
Blower CFM (Max)	210 CFM
Number of Speeds	2
Lighting Type	Incandescent (75W bulb, not included)
Filter Type	Standard Efficiency Aluminum Mesh
Material	Stainless Steel
Voltage	120 Volts
Wattage	300 watts
Noise Level	6.5 Sones
Ventilation Type	Ducted or Recirculation (Non-ducted)
Certifications	HVI Certified

8. Warranty and Customer Support

Broan-NuTone products are manufactured to the highest quality standards and are warranted to be free from defects in materials and workmanship for a specified period from the date of original purchase. Please refer to the warranty card included with your product or visit the official Broan-NuTone website for detailed warranty information.
For technical assistance, replacement parts, or customer service, please contact Broan-NuTone customer support:

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

When contacting support, please have your model number (BU230SS) and purchase date available.

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