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Broan-NuTone AMG03RWW

Broan-NuTone AMG03RWW 30-inch Under-Cabinet Range Hood User Manual

Model: AMG03RWW

1. Introduction

The Broan-NuTone AMG03RWW 30-inch under-cabinet range hood is engineered to provide efficient and quiet kitchen ventilation. Designed to exceed industry standards, this model effectively removes smoke, grease, and odors, contributing to a cleaner indoor air quality.

Key features include a powerful 350 Max Blower CFM for robust air movement, a quiet operation at 1.5 sones (comparable to a running refrigerator), and energy-efficient 1-level LED lighting. The EZ1 installation system simplifies setup, allowing for quick, single-person installation. This range hood is ENERGY STAR certified, ensuring energy savings and compliance with relevant codes.

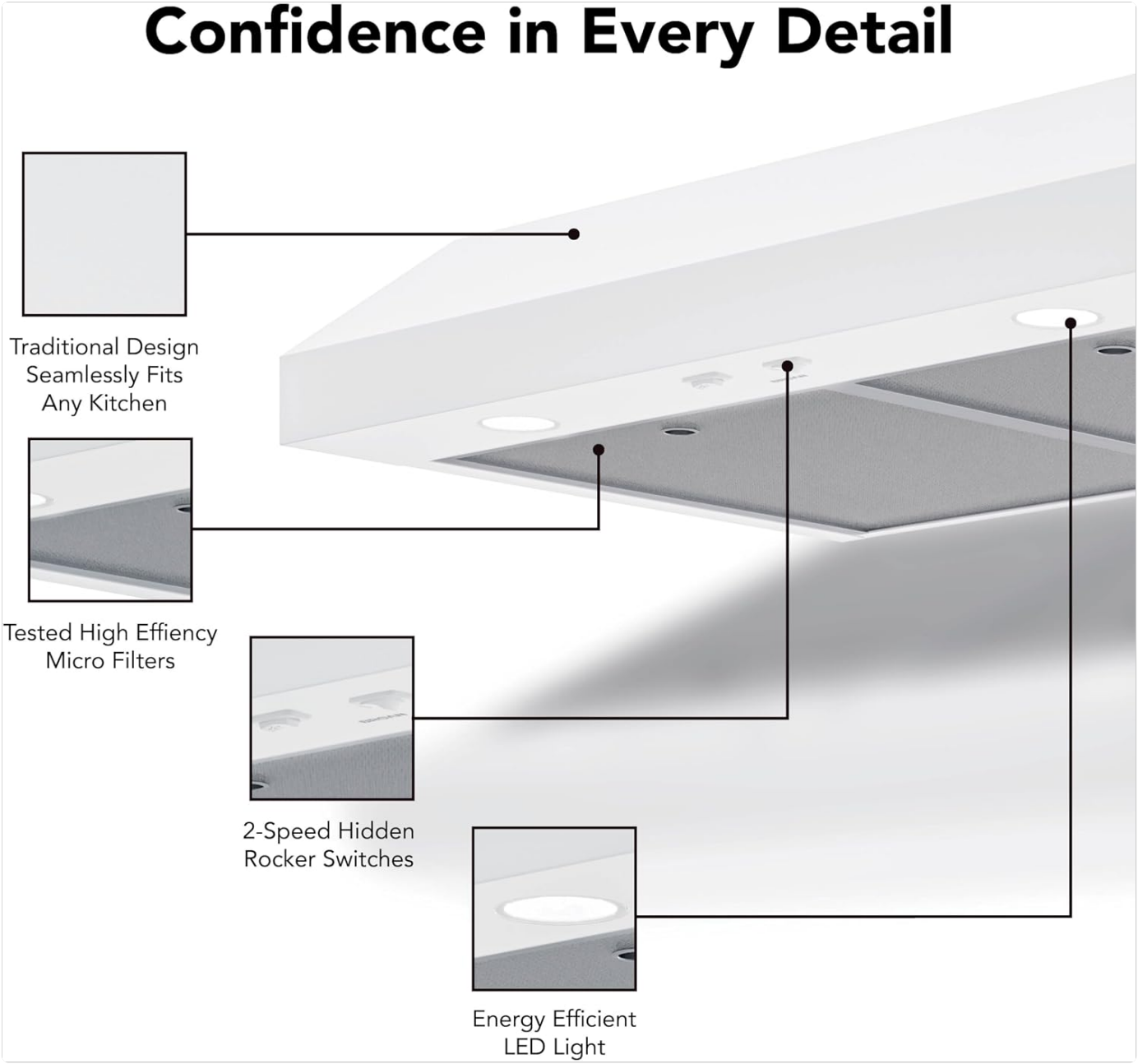


Figure 1: Broan-NuTone AMG03RWW 30-inch Under-Cabinet Range Hood, front view.

2. Safety Information

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

- Install this range hood in accordance with all local codes and regulations.
- Always disconnect power at the service panel before servicing or cleaning the unit.
- Ensure proper grounding.
- Do not use this unit with any solid-state speed control device.
- Never leave surface units unattended at high settings. Boil-overs cause smoking and greasy spill-overs that may ignite.
- Clean grease filters frequently. Grease should not be allowed to accumulate on fan or filters.
- Use only for general ventilating purposes. Do not use to exhaust hazardous or explosive materials and vapors.

3. Setup and Installation

The Broan-NuTone AMG03RWW features the EZ1 installation system, designed for quick and easy single-person setup. This under-cabinet mount range hood is convertible, allowing for ducted or non-ducted (recirculating) installation.

3.1 Package Contents

Verify that all components are present before beginning installation:

- Range Hood Unit
- Mesh Filter(s)
- EZ1 Brackets
- Damper (for ducted installations)
- Hardware (screws, anchors, etc.)
- LED Bulb(s) (pre-installed or included)

3.2 Installation Steps

1. **Preparation:** Turn off power at the circuit breaker. Remove existing range hood if applicable. Prepare the cabinet opening according to the dimensions provided in the specifications.
2. **Mounting:** Utilize the EZ1 brackets for simplified mounting. These brackets allow the hood to be temporarily held in place while securing it with screws.
3. **Ducting (if applicable):** Connect the appropriate ductwork to the range hood's exhaust opening. Ensure all connections are sealed to prevent air leaks. For non-ducted installations, ensure the charcoal filter (sold separately for recirculation) is installed.
4. **Electrical Connection:** Connect the range hood to a 120-volt power supply according to local electrical codes. Ensure proper grounding.
5. **Final Securement:** Secure the range hood firmly to the underside of the cabinet using the provided hardware.
6. **Filter Installation:** Install the mesh filters into their designated slots.

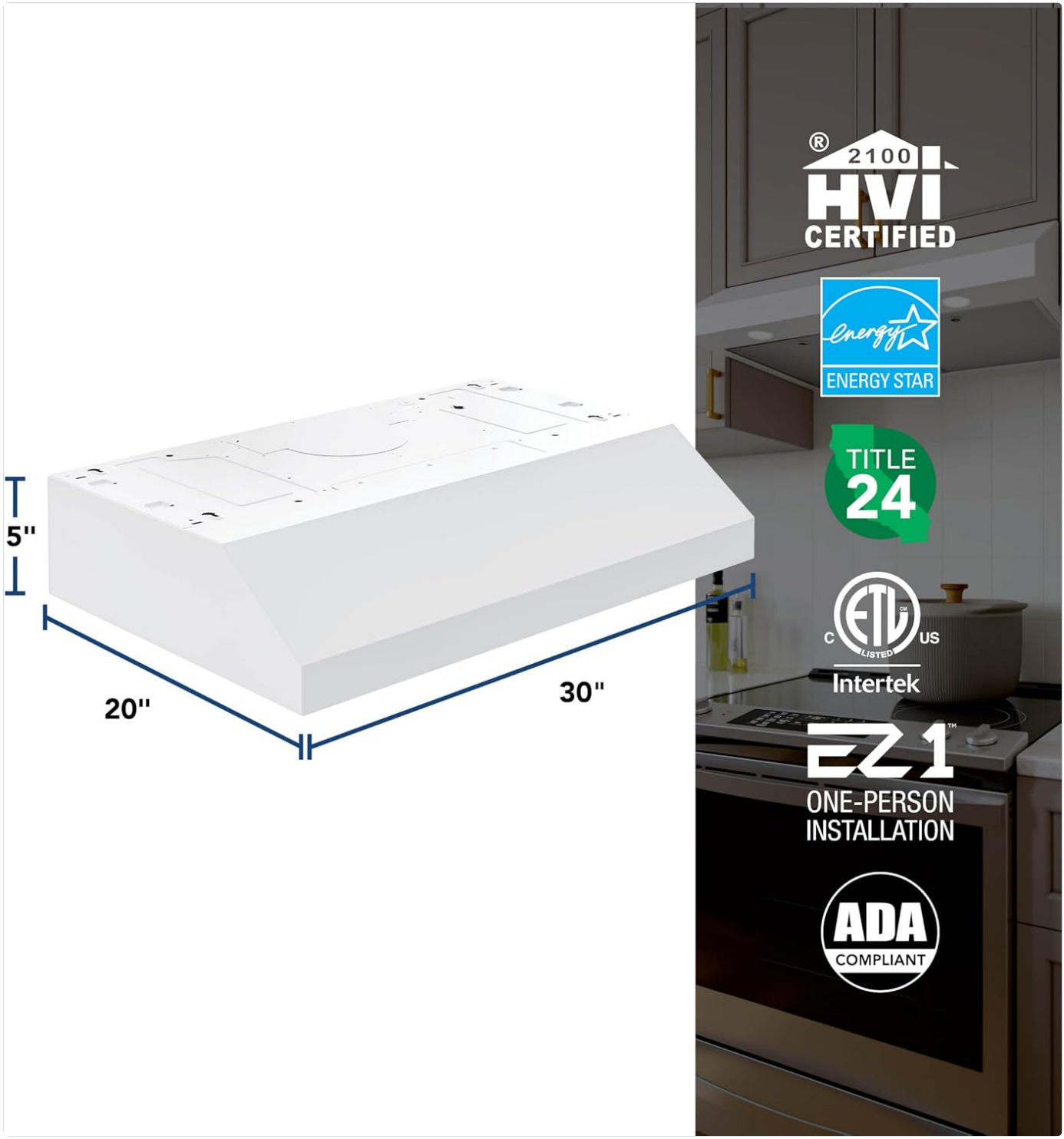


Figure 2: Product dimensions (approximately 20"D x 30"W x 5"H) and EZ1 One-Person Installation feature.

4. Operating Instructions

The Broan-NuTone AMG03RWW range hood features hidden 2-speed rocker controls for fan operation and 1-level LED lighting.

4.1 Fan Operation

Locate the hidden rocker switches on the underside of the range hood. One switch controls the fan speed:

- Toggle the switch to select between two fan speeds (Low and High) to adjust ventilation power as needed.

- The fan operates at a quiet 1.5 sones at its working speed, ensuring minimal noise disruption.

4.2 Lighting Control

The second rocker switch controls the integrated LED lighting:

- Toggle the switch to turn the LED lights On or Off.
- The 1-level LED lighting provides bright illumination for your cooking surface.



Figure 3: Detail view of the range hood underside, highlighting the 2-speed hidden rocker switches and energy-efficient LED lights.

5. Maintenance

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

5.1 Cleaning the Exterior

- Wipe the exterior surfaces with a soft cloth dampened with mild detergent and water.
- Do not use abrasive cleaners, steel wool, or scouring pads, as these can scratch the painted finish.
- Dry thoroughly after cleaning.

5.2 Cleaning/Replacing Mesh Filters

The mesh filters capture grease and should be cleaned regularly (typically monthly, or more often depending on cooking habits).

1. **Removal:** Gently pull down on the filter release tabs to remove the mesh filters from the range hood.
2. **Cleaning:** Wash the filters in hot water with a mild detergent, or place them in a dishwasher. Ensure all grease is removed.
3. **Drying:** Allow filters to dry completely before reinstallation.
4. **Reinstallation:** Insert the dry filters back into their slots, ensuring they click securely into place.
5. **Replacement:** If filters are damaged or excessively worn, replace them with genuine Broan-NuTone replacement filters.



Figure 4: View of the high-efficiency micro filters, which should be cleaned regularly.

6. Troubleshooting

Before contacting customer service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Fan does not operate	No power; Fan switch off; Motor malfunction	Check circuit breaker; Ensure switch is on; Contact customer support if motor is faulty.
Lights do not work	No power; Light switch off; LED bulb failure	Check circuit breaker; Ensure switch is on; Replace LED bulb if necessary.

Problem	Possible Cause	Solution
Poor ventilation performance	Clogged filters; Improper ducting; Damper stuck	Clean or replace filters; Check ductwork for obstructions or leaks; Ensure damper opens freely.
Excessive noise	Loose parts; Fan blade obstruction; Motor issue	Check for loose screws or components; Remove any obstructions from fan blades; Contact customer support.

7. Specifications

Brand	Broan-NuTone
Model Number	AMG03RWW
Dimensions (W x D x H)	30 inches x 20 inches x 5 inches (approx. 76 cm x 50 cm x 15.2 cm)
Color	White
Finish Type	Painted
Airflow Capacity	350 CFM (Cubic Feet per Minute)
Noise Level	1.5 Sones (at working speed)
Mounting Type	Under-cabinet
Controls Type	2-Speed Rocker Switches
Voltage	120 Volts
Light Source	1-Level LED
Filter Type	Mesh
Ventilation Type	Convertible (Ducted/Non-ducted)
Material	Painted Steel (Exterior), Mesh (Filters)
Certifications	ENERGY STAR, HVI Certified, ETL Listed, Title 24 Compliant, ADA Compliant
UPC	026715275953



Figure 5: Visual representation of the range hood's effective pollutant removal and 350 Max Blower CFM.

8. Warranty and Support

For warranty information, technical support, or to purchase replacement parts, please visit the official Broan-NuTone website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

Broan-NuTone Official Website: www.broan-nutone.com

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