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› BRANO 30 Inch Wall Mount Range Hood User Manual

BRANO TSR07B-30

BRANO 30 Inch Wall Mount Range Hood User Manual

Model: TSR07B-30

Voice/Gesture/Touch Control, 900 CFM, 4 Speed Exhaust Fan, 4 Adjustable Lights, Memory Mode, Ducted/Ductless Convertible

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your BRANO 30 Inch Wall Mount Range Hood. Please read this manual thoroughly before installation and use, and retain it for future reference. This appliance is designed to remove smoke, grease, and odors from your cooking area, ensuring a cleaner and fresher kitchen environment.



Figure 1.1: Front view of the BRANO 30 Inch Wall Mount Range Hood, showcasing its sleek stainless steel design and integrated control panel.

2. 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.
- 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.
- Do not use this unit with any external solid-state speed control device.

- This unit must be grounded.
- Clean grease laden surfaces frequently. Accumulated grease may ignite.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Range hood (1)
- 30" Baffle Filters (2)
- User manual (1)
- Duct Adapter (1) & 6" Transition (1)
- Lower chimney & Upper chimney & Mounting Bracket
- Charcoal Filter (1) (for ductless installation)
- Grease Tunnel (1)
- Mounting Plate (1)
- Self-drilling Plastic Drywall Anchor (6) / Anchor Screw (6) / M4-6MM big head (14)

4. SPECIFICATIONS

Feature	Specification
Model Number	TSR07B-30
Air Flow Capacity	900 Cubic Feet Per Minute (CFM)
Material	Stainless Steel
Noise Level	65 dB (at highest speed)
Mounting Type	Wall Mount
Control Methods	Voice, Gesture, Touch
Voltage	110 Volts (AC)
Number of Speeds	4
Item Weight	54.01 Pounds
Light Source Type	LED (Adjustable Brightness)
Wattage	230 watts
Filter Type	Baffle (Dishwasher Safe)
Ventilation Type	Convertible (Ducted/Ductless)
Product Dimensions	19.7"D x 29.8"W x 51.8"H

Gesture Sensing Control



Figure 4.1: Detailed dimensions of the BRANO 30 Inch Wall Mount Range Hood for installation planning.

5. SETUP AND INSTALLATION

The BRANO range hood is designed for wall-mount installation and offers convertible ventilation, supporting both ducted and ductless configurations. For detailed step-by-step installation instructions, please refer to the dedicated installation section in the printed user manual included with your product. It is highly recommended that installation be performed by a qualified professional.

5.1 Ducted vs. Ductless Installation

Your range hood can be set up for external venting (ducted) or internal recirculation (ductless). The default setup is for top-ducted ventilation with a 6-inch round exhaust vent. For ductless installation, ensure the charcoal filter is properly installed to filter air before recirculating it into the kitchen.



Figure 5.1: Illustration of ducted (left) and ductless (right) installation methods for the range hood.

6. OPERATING INSTRUCTIONS

Your BRANO range hood features advanced control options for ease of use.

6.1 Powerful Suction

The range hood is equipped with a 4-speed exhaust fan, providing up to 900 CFM of suction power to effectively remove smoke and odors. Adjust the fan speed based on your cooking needs.

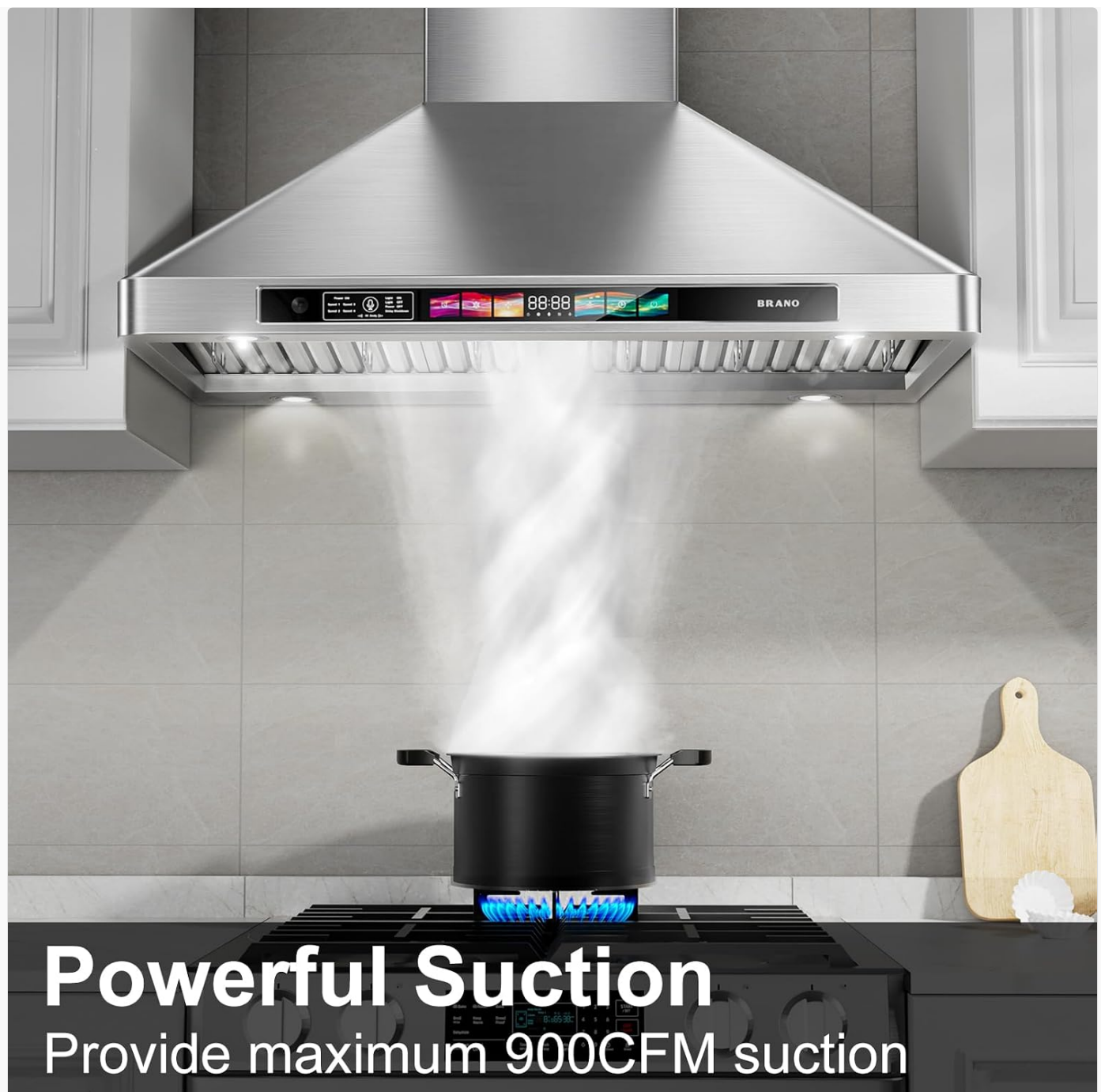


Figure 6.1: Visual representation of the range hood's powerful 900 CFM suction effectively clearing cooking fumes.

6.2 Voice Control

Activate voice control by saying "Andy". You can then issue commands such as "Power on", "Power off", "Speed up", "Speed down", "Light on", "Light off", and "Delay shutdown [X] minutes".



Voice Control

Just speak to Andy to control the range hood

Figure 6.2: User interacting with the range hood using voice commands, demonstrating the "Hi Andy" activation phrase.

6.3 Gesture Control

The range hood can be controlled with simple hand gestures. Wave your hand right to increase fan speed and wave left to decrease fan speed. Ensure your hand is within 3-4 inches of the sensor for optimal detection.

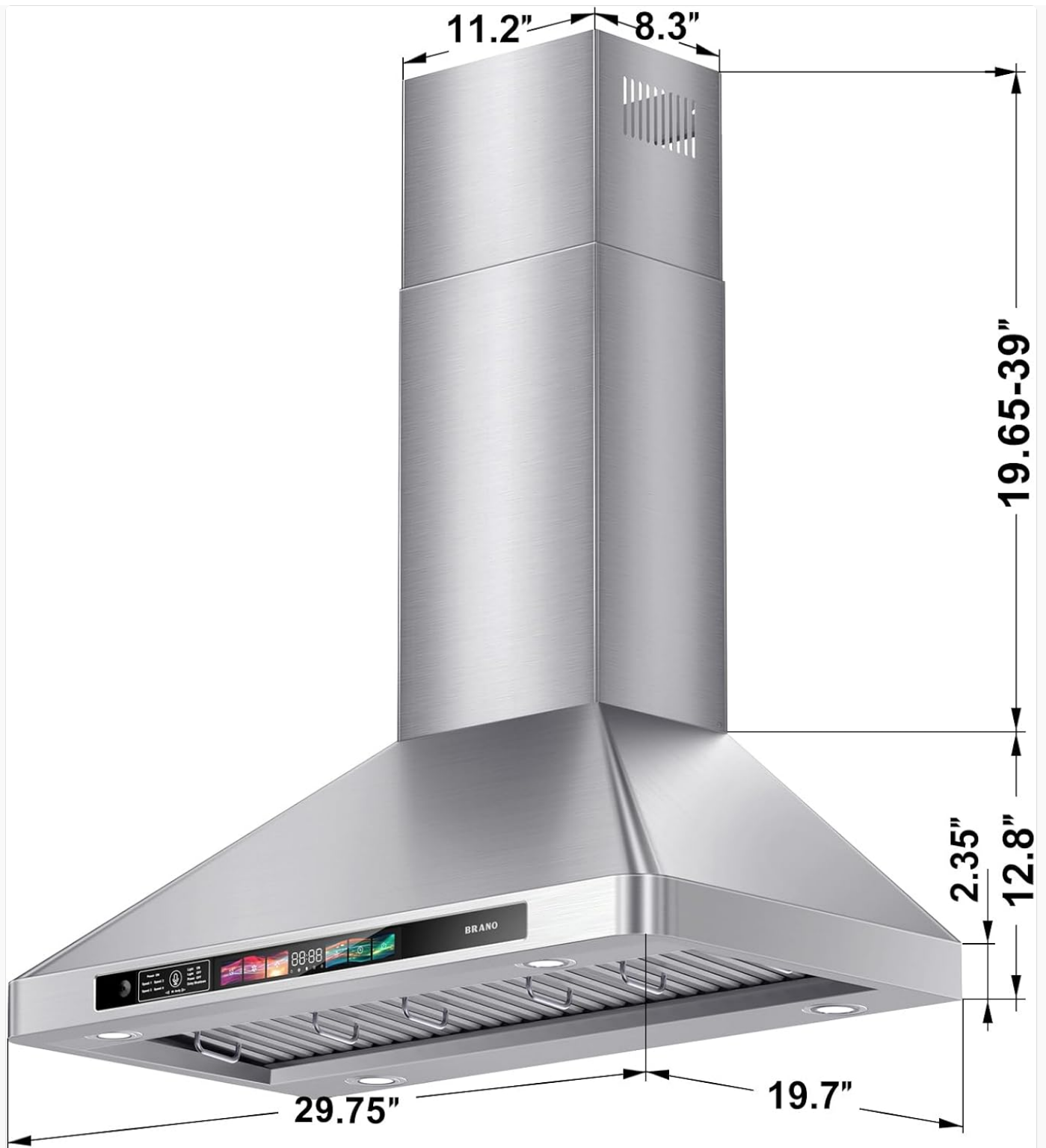


Figure 6.3: Illustration of gesture control, showing hand movements to adjust fan speed.

6.4 Touch Control

The integrated display panel allows for direct touch control of all functions, including power, fan speed adjustment, light control, and setting the delay shutdown timer.

6.5 Adjustable LED Lighting

The range hood is equipped with 4 adjustable brightness LED lights to illuminate your cooking surface. These lights are energy-efficient and can be adjusted from 10% to 100% brightness to suit your needs.

4 Dimmable LED Lights

Offer energy-efficient and bright lighting for your stovetop



Figure 6.4: The range hood's LED lights illuminating the stovetop, with an indicator showing adjustable brightness levels.

6.6 Memory Mode and Delayed Shutdown

The memory mode feature remembers your last fan speed setting. The delayed shutdown function allows the hood to continue operating for a set period (e.g., 180 seconds) after cooking to ensure all residual fumes and odors are removed, then automatically turns off.

Low Noise Level

The noise of the range hood does not exceed 65 dB at the highest speed.

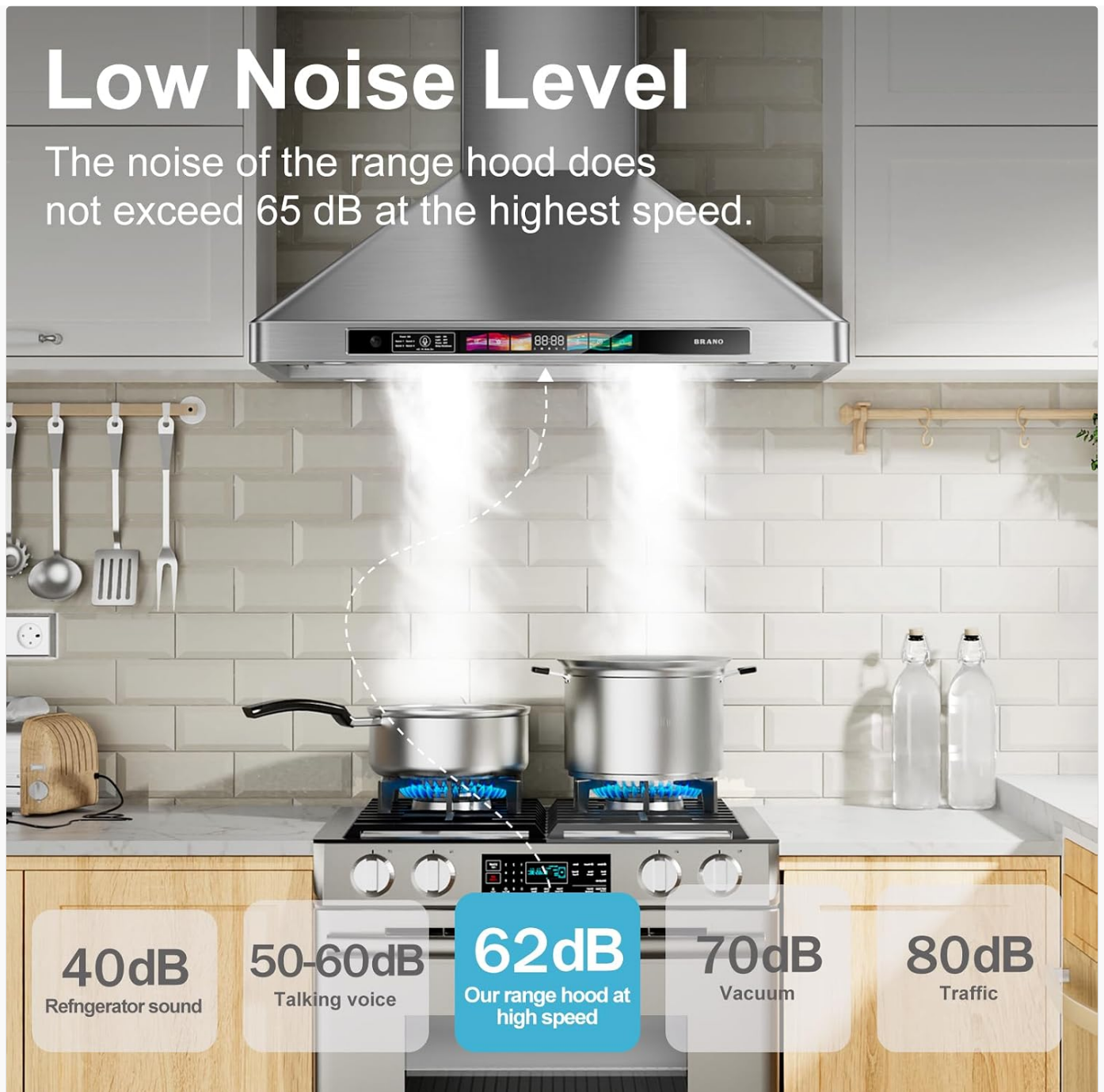


Figure 6.5: Visualizing the delay shutdown feature, showing the hood continuing to clear steam after cooking.

6.7 Low Noise Operation

Despite its powerful suction, the range hood operates at a low noise level, not exceeding 65 dB at its highest speed, ensuring a comfortable kitchen environment.



Figure 6.6: Comparison of the range hood's noise level (62dB at high speed) to common household sounds.

7. MAINTENANCE

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

7.1 Cleaning Baffle Filters

The stainless steel baffle filters are designed to capture grease and are dishwasher-safe for easy cleaning. It is recommended to clean them regularly, depending on your cooking frequency, to maintain optimal airflow and prevent grease buildup.



Figure 7.1: Dishwasher-safe baffle filters, illustrating their ease of cleaning.

7.2 Replacing Charcoal Filters (Ductless Only)

If you are using the range hood in a ductless configuration, the activated charcoal filter needs to be replaced periodically. The frequency depends on usage, but generally every 3-6 months is recommended. Refer to the manual for specific replacement instructions.

7.3 Exterior Cleaning

Clean the exterior 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.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your range hood. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Hood does not turn on	No power supply; circuit breaker tripped; loose wiring.	Check power connection; reset circuit breaker; ensure all connections are secure.
Poor suction performance	Clogged filters; improper ducting; fan motor issue.	Clean baffle filters; replace charcoal filters (if ductless); check ductwork for obstructions; contact support if motor issue suspected.
Excessive noise	Loose components; fan imbalance; foreign object in fan.	Check for loose screws or parts; inspect fan for obstructions; contact support if noise persists.
Lights not working	Faulty LED bulb; wiring issue.	Check light connections; replace LED bulbs if necessary; contact support for wiring issues.
Voice/Gesture control unresponsive	Microphone/sensor obstruction; incorrect command/gesture.	Ensure sensors are clean and unobstructed; speak clearly and use precise gestures; refer to operating instructions.

9. WARRANTY AND CUSTOMER SUPPORT

BRANO is committed to providing high-quality products and excellent customer service.

9.1 Warranty Information

Your BRANO range hood comes with a comprehensive warranty:

- **5-Year Quality Service:** General product service and support.
- **10-Year Motor Maintenance:** Coverage for the range hood motor.
- **5-Year LED Lights/Switch Maintenance:** Coverage for LED lighting and control panel switches.

Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

9.2 Customer Support

For any assistance, questions, or warranty claims, please contact BRANO customer support. We are dedicated to ensuring your satisfaction and providing prompt assistance.

Contact Information: Refer to the contact details provided in the product packaging or on the official BRANO website.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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