

MCBON AE88-42-B

MCBON AE88-42-B 42-Inch Range Hood Insert User Manual

Model: AE88-42-B

1. INTRODUCTION

Thank you for choosing the MCBON AE88-42-B 42-Inch Range Hood Insert. This manual provides essential information for the safe installation, operation, and maintenance of your new appliance. Please read it thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

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

- Install this range hood in accordance with all local codes and ordinances.
- Ensure the electrical supply is properly grounded.
- Do not operate any fan with a damaged cord or plug. Discard the fan or return to an authorized service facility for examination and/or repair.
- Always disconnect power to the range hood before servicing or cleaning.
- Clean grease filters frequently. Grease accumulation can cause a fire.
- Never leave surface units unattended at high settings. Boil-overs cause smoking and greasy spill-overs that may ignite.

3. SETUP AND INSTALLATION

This section provides general guidance for setting up your range hood. For detailed installation instructions, refer to the separate installation guide included with your product. Professional installation is recommended.

3.1 Included Components

- MCBON AE88-42-B Range Hood Insert
- 6-inch Top Round Adapter

- Remote Control
- Instruction Manual (this document)
- Parts and Screws for installation

3.2 Installation Overview

The range hood is designed for built-in mounting within a cabinet. Ensure the cabinet cutout size is appropriate for the 42-inch model. The recommended height between the cooking surface and the bottom of the range hood is 26 to 32 inches.



Figure 3.2.1: Installation diagram with dimensions and recommended height. The diagram illustrates the range hood's physical measurements and the optimal distance from the cooking surface for effective ventilation.

The unit can be configured for ducted or ductless (recirculating) operation. For ductless operation, charcoal filters (sold separately) must be installed.

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Video 3.2.1: An official MCBON video demonstrating the features and installation of the AE88-42-B range hood insert, including a view of the internal components and filter placement.

4. OPERATING INSTRUCTIONS

Your MCBON range hood offers multiple control options for convenience and efficiency.

4.1 Power and Airflow

The range hood features a powerful 960 CFM motor with 4-speed settings to effectively remove cooking odors, smoke, and grease.



Figure 4.1.1: The range hood in operation, effectively clearing smoke and grease-laden fumes from the cooking area,

ensuring a smoke-free kitchen environment.



Gentle & Soft Auditory
Not Interfering with Your Family's Lives

**Ducted /Ductless Convertible
Charcoal Filter (Sold Separately)**



Figure 4.1.2: The range hood operating with minimal noise, allowing for a quiet kitchen environment suitable for conversation or relaxation.

4.2 Control Methods

The range hood can be controlled via the touch panel, gesture sensing, or the included remote control.

- **Touch Control:** Use the integrated touch panel for precise control over fan speeds, lighting, and timer functions.
- **Gesture Sensing:** Wave your hand in front of the gesture sensor to activate or adjust fan speeds without touching the panel, preventing oil stains.
- **Remote Control:** Use the remote for convenient operation from a distance.



4-Speed Gesture Sensing

Motion Activation—Wave to Turn it On/Off



Figure 4.2.1: A hand interacting with the gesture sensor on the range hood's control panel, illustrating the motion activation feature.



Figure 4.2.2: The remote control provided with the range hood, showing buttons for power, fan speed adjustment, and light control.

4.3 Adjustable LED Lights

The range hood is equipped with adjustable LED lights to illuminate your cooking area. The brightness can be adjusted to suit your needs.

4.4 Timer Function

Utilize the timer function to automatically shut off the range hood after a set period (1-15 minutes), ensuring lingering smoke and odors are removed even after cooking is complete.

5. MAINTENANCE

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

5.1 Cleaning Baffle Filters

The baffle filters are designed to capture grease and are easily removable and dishwasher-safe. Clean them regularly to maintain airflow efficiency and prevent grease buildup.



Figure 5.1.1: A baffle filter removed from the range hood, ready for cleaning, highlighting its dishwasher-safe design.

5.2 Emptying the Oil Collector

The built-in oil collector gathers excess grease. Periodically remove and empty the oil collector to prevent overflow and maintain hygiene.

5.3 Replacing Charcoal Filters (Ductless Operation)

If operating in ductless mode, charcoal filters (sold separately) must be replaced periodically, typically every 3-6 months depending on usage, to ensure effective odor removal.



Figure 5.3.1: A charcoal filter, used for ductless operation, shown ready for installation or replacement.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Range hood does not turn on	No power supply; Power cord not plugged in; Circuit breaker tripped.	Check power connection; Reset circuit breaker.
Poor suction performance	Grease filters are dirty; Ducting is obstructed; Charcoal filters need replacement (ductless).	Clean or replace filters; Check ducting for blockages.
Excessive noise	Loose components; Obstruction in fan; Improper installation.	Check for loose parts; Remove any obstructions; Consult installation guide.
Lights not working	LED bulbs faulty; Electrical connection issue.	Check connections; Replace LED bulbs if necessary.

7. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	AE88-42-B
Product Dimensions	18.5"D x 40.5"W x 13"H
Air Flow Capacity	960 Cubic Feet Per Minute (CFM)
Number of Speeds	4
Noise Level	As low as 42 dB (up to 63 dB at max speed)
Control Method	Remote, Touch, Gesture Sensing
Lighting	Adjustable LED Lights
Material	Stainless Steel
Filter Type	Baffle (Dishwasher-safe)
Ventilation Type	Convertible (Ducted/Ductless)
Voltage	120 Volts
Wattage	230 watts
Item Weight	38.9 Pounds

8. WARRANTY AND SUPPORT

MCBON offers a comprehensive warranty for your peace of mind.

8.1 Warranty Information

- **Parts:** 5-Year Limited Warranty
- **Motors:** 10-Year Limited Warranty

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

8.2 Customer Support

For any inquiries, technical assistance, or warranty claims, please contact MCBON customer support. Our US-based team is available to assist you.

Contact information can be found on our official website or your purchase documentation.