

ELBA N590CMS.STEEL

ELBA Wall-Mounted Kitchen Hood 90cm - N590CMS.STEEL User Manual

Brand: ELBA | Model: N590CMS.STEEL

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your ELBA Wall-Mounted Kitchen Hood, model N590CMS.STEEL. Please read these instructions carefully before installation, operation, or maintenance. Keep this manual for future reference.

The ELBA N590CMS.STEEL is a 90 cm wall-mounted kitchen hood designed for effective ventilation over larger cooking surfaces. It features a mechanical push-button control system, three fan speeds, and two 2.5W LED lights for illumination. The hood includes aluminum grease filters and carbon filters for odor control, all housed within a durable stainless steel structure with a glass protector.

2. SAFETY INFORMATION

- Ensure the electrical installation complies with local regulations and is properly grounded.
- Do not operate the hood without the grease filters properly installed.
- Regularly clean grease filters to prevent fire hazards.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Maintain a minimum distance between the hood and the cooking hob as specified in the installation section.
- Do not flambé under the range hood.
- Ensure adequate ventilation in the room when the range hood is used simultaneously with appliances burning gas or other fuels.
- Disconnect the appliance from the main power supply before any cleaning or maintenance.

3. PRODUCT OVERVIEW

The ELBA N590CMS.STEEL kitchen hood is designed for efficient air extraction and odor removal in your kitchen. Key features include:

- **90 cm Width:** Provides wide coverage for various cooking surfaces.
- **3 Fan Speeds:** Adjustable suction power for different cooking needs.
- **Mechanical Push-Button Controls:** Easy and intuitive operation.
- **LED Lighting:** Two 2.5W LED lamps illuminate your cooking area.
- **Aluminum Grease Filters:** Washable filters to capture grease particles.
- **Carbon Filters:** Included for effective odor absorption in recirculation mode.
- **Stainless Steel Construction:** Durable and easy-to-clean finish.



Image 1: Front view of the ELBA Wall-Mounted Kitchen Hood N590CMS.STEEL, showcasing its stainless steel finish and control panel.

4. INSTALLATION AND SETUP

Installation should be performed by a qualified technician or competent person in accordance with all local codes and regulations.

4.1 Mounting the Hood

1. **Preparation:** Ensure the wall is strong enough to support the hood's weight. Mark the mounting points according to the provided template (if applicable) and the required minimum distance from the cooking

surface (typically 65-75 cm for electric hobs, 75-85 cm for gas hobs).

2. **Drilling:** Drill holes at the marked positions and insert wall plugs.
3. **Secure Brackets:** Attach the mounting bracket(s) to the wall using appropriate screws.
4. **Positioning:** Carefully lift the hood and hang it onto the mounting bracket(s). Ensure it is level and securely fastened.

4.2 Ducting (Exhaust Mode)

If operating in exhaust mode, connect the hood's outlet to an external ducting system. Use a rigid duct of appropriate diameter for optimal performance. Avoid sharp bends and long runs to minimize airflow resistance.

4.3 Recirculation Mode (with Carbon Filters)

If operating in recirculation mode, ensure the carbon filters are installed. Air will be filtered and returned to the kitchen through vents on the hood. No external ducting is required for this mode.

4.4 Electrical Connection

Connect the hood to a suitable electrical outlet (220 Volts). Ensure the power supply is disconnected during installation and that the connection is secure and compliant with safety standards.

5. OPERATION

The ELBA N590CMS.STEEL hood is operated using mechanical push-buttons located on the front panel.

5.1 Fan Speed Control

- **Speed 1 (Low):** For light cooking, simmering, or minimal steam/odor.
- **Speed 2 (Medium):** For normal cooking, such as frying or boiling.
- **Speed 3 (High):** For heavy cooking, grilling, or when significant steam and odors are present.
- Press the corresponding push-button for the desired speed. Press the 'Off' button (usually marked '0' or a power symbol) to turn off the fan.

5.2 Lighting Control

- Press the light button (usually marked with a light bulb symbol) to turn the LED lights on or off.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your hood. Always disconnect power before cleaning or servicing.

6.1 Cleaning Aluminum Grease Filters

Grease filters should be cleaned regularly (approximately every 2-4 weeks, depending on usage) to prevent grease buildup and maintain suction efficiency.

1. **Remove Filters:** Locate the release latches or clips on the filters and carefully remove them.
2. **Clean:** Wash the filters by hand in hot soapy water or in a dishwasher on a low-temperature cycle. Avoid using abrasive cleaners.
3. **Dry and Reinstall:** Allow filters to dry completely before reinstalling them.

6.2 Replacing Carbon Filters (Recirculation Mode Only)

Carbon filters are not washable and must be replaced every 3-6 months, depending on usage. They are essential

for odor absorption in recirculation mode.

1. **Access Filters:** Remove the aluminum grease filters to access the carbon filters.
2. **Remove Old Filters:** Twist or unclip the old carbon filters from their housing.
3. **Install New Filters:** Attach new carbon filters, ensuring they are securely in place.
4. **Reinstall Grease Filters:** Replace the aluminum grease filters.

6.3 Cleaning the Hood Surface

Clean the stainless steel surface with a soft cloth and a non-abrasive stainless steel cleaner. For the glass protector, use a glass cleaner. Avoid harsh chemicals or abrasive pads that can scratch the surface.

7. TROUBLESHOOTING

Before contacting customer service, refer to the following table for common issues and solutions.

Problem	Possible Cause	Solution
Hood does not turn on.	No power supply.	Check if the plug is correctly inserted and the circuit breaker is on.
Poor suction performance.	Grease filters are clogged.	Clean the aluminum grease filters.
	Carbon filters are saturated (recirculation mode).	Replace the carbon filters.
	Ducting is obstructed or too long/bent (exhaust mode).	Check and clear any obstructions in the ducting. Shorten or straighten ducts if possible.
Excessive noise.	Loose components or improper installation.	Ensure all mounting screws are tight and the hood is securely installed. Check for any loose parts.
LED lights not working.	Faulty LED lamp or electrical connection.	Check the light button. If still not working, contact a qualified technician for lamp replacement or electrical inspection.

8. SPECIFICATIONS

Feature	Specification
Brand	ELBA
Model Number	N590CMS.STEEL
Installation Type	Wall Mount
Product Dimensions (D x W x H)	30 x 90 x 15 cm
Item Weight	8.71 Kilograms
Material	Stainless Steel
Finish Type	Painted

Feature	Specification
Number of Speeds	3
Control Type	Mechanical Push Button
Light Source Type	LED (2 x 2.5W)
Filter Type	Mesh (Aluminum Grease Filters), Carbon Filters
Ventilation Type	Exhaust / Recirculation
Voltage	220 Volts
Batteries Required?	No

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or service inquiries, please contact ELBA customer service or an authorized service center. Ensure you have your model number (N590CMS.STEEL) and purchase details available when seeking support.