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> Elica 90cm BLDC Filterless Autoclean Kitchen Chimney User Manual (Model: FLAT FL 900 MAX BLDC HAC LTW MS NERO)

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Model: FLAT FL 900 MAX BLDC HAC LTW MS NERO

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Elica 90cm BLDC Filterless Autoclean Kitchen Chimney. Please read all instructions carefully before installation, operation, or maintenance. Keep this manual for future reference.

Safety Information

- Ensure the power supply matches the specifications indicated on the appliance rating label.
- Installation must be performed by a qualified technician in accordance with local regulations.
- Do not operate the chimney without the oil collector properly installed.
- Regular cleaning is crucial to prevent fire hazards from grease accumulation.
- Keep children away from the appliance during operation and cleaning.
- Do not flambé under the chimney.

2. PRODUCT OVERVIEW

The Elica FLAT FL 900 MAX BLDC HAC LTW MS NERO is a 90cm wall-mounted T-shape kitchen chimney designed for efficient smoke and odor extraction. It features advanced BLDC motor technology, filterless design, and an auto-clean function for minimal maintenance.

Key Features

- **BLDC Motor:** Energy-efficient and quiet operation.
- **Filterless Technology:** Eliminates the need for frequent filter cleaning.
- **Heat Auto Clean:** Simplifies internal cleaning by melting and collecting grease.
- **1600 m³/hr Suction Capacity:** Powerful extraction for effective smoke removal.

- **9-Speed Touch Control with RPM Display:** Precise control over suction levels.
- **Motion Sensor Control:** Hands-free operation for convenience.
- **LED Lamp:** Provides bright illumination over the cooking area.
- **Convertible Installation:** Supports both ducted and ductless (recirculation) modes.

Components

Your chimney package includes:

- Elica Kitchen Chimney Unit
- Oil Collector Tray
- User Manual (this document)
- Warranty Card
- Installation Kit (may vary based on region)



Figure 2.1: Elica 90cm BLDC Filterless Autoclean Kitchen Chimney, front view.



Figure 2.2: Illustration of Heat Auto Clean and Filterless Technology features.

3. INSTALLATION

The Elica chimney can be installed in two modes: ducted or ductless (recirculation). Professional installation is recommended.

Installation Modes

- **Ducted Mode:** Air is extracted through an external duct pipe and expelled outside. This is the most efficient method for smoke and odor removal.
- **Ductless Mode:** Air is filtered through an optional charcoal filter (sold separately) to remove odors and grease, then recirculated back into the kitchen. This mode is suitable when external ducting is not feasible.



Figure 3.1: Visual representation of ducted and ductless installation options.

Dimensions and Space Requirements

The chimney measures 90 cm (Length) x 45 cm (Height) x 45 cm (Depth). Ensure adequate cabinet space and clearance for proper fit and operation.

- Minimum cabinet space requirement: 91 cm width.
- Leave a 0.5 cm (5mm) gap on each side for perfect fitting.



FILTERLESS TECHNOLOGY

Ensures powerful suction and draws unhealthy smoke and oily fumes. Concealed Motor offers durability and long life.



Figure 3.2: Detailed product dimensions and recommended installation gaps.

4. OPERATION

Your Elica chimney offers intuitive controls for a seamless cooking experience.

Control Panel

The chimney features a touch control panel with an RPM display for precise fan speed adjustments. Refer to the control panel diagram for specific button functions.



PRODUCT DIMENSIONS

The chimney measures 90 cm length, 45 cm height & 45 cm width; making it ideal for a seamless installation in your kitchen.



Figure 4.1: Touch Control Panel for power, fan speed, and lighting.

Motion Sensor Control

The motion sensor allows for hands-free operation. Wave your hand left or right in front of the sensor to change the fan speed.



TOUCH CONTROL PANEL

Control the power, fan speed and lights with the touch of a button. Choose from high, medium and low suction.



Figure 4.2: Demonstrating motion sensor control for fan speed adjustment.

Fan Speed Settings

The chimney offers 9 fan speed settings. Adjust the speed based on the intensity of cooking fumes. Higher speeds are recommended for heavy frying or strong odors.

LED Lighting

Press the light button on the touch control panel or use the motion sensor (if applicable) to turn the integrated LED lamp on or off. The LED lamp provides efficient illumination of your cooking area.



LED LAMP

The kitchen chimney features LED lamp, providing bright and efficient lighting. This energy-saving LED enhances visibility and create a pleasant ambiance while you cook.



Figure 4.3: The integrated LED lamp illuminating the cooking surface.

5. MAINTENANCE AND CLEANING

Regular maintenance ensures optimal performance and longevity of your Elica chimney.

Heat Auto Clean Function

The Heat Auto Clean function uses heat to melt accumulated grease, which then drains into the oil collector. Activate this function regularly, depending on your cooking frequency.

- To activate, press the dedicated auto-clean button on the control panel.

- The process typically takes a few minutes.
- Ensure the oil collector is in place before starting the auto-clean cycle.

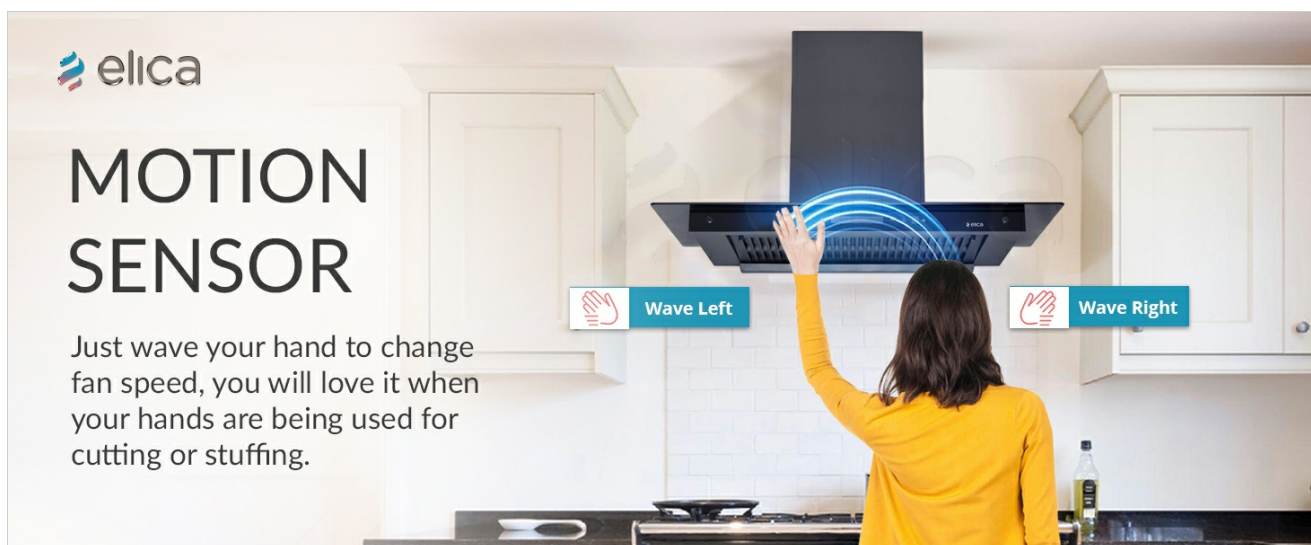


Figure 5.1: The Heat Auto Clean process with grease collection in the oil tray.

Cleaning the Oil Collector

The oil collector tray should be emptied and cleaned regularly. Frequency depends on usage, but it is recommended to check it weekly.

- Carefully remove the oil collector tray from the chimney.
- Dispose of the collected grease responsibly.
- Wash the tray with warm, soapy water. Rinse thoroughly and dry before reinserting.

External Surface Cleaning

Clean the exterior surfaces of the chimney with a soft cloth and a mild, non-abrasive cleaning agent. Avoid harsh chemicals or abrasive materials that could damage the finish.

Charcoal Filter Replacement (Ductless Mode Only)

If operating in ductless mode, the charcoal filter needs periodic replacement. The replacement frequency depends on usage, typically every 3-6 months. Refer to the charcoal filter's specific instructions for replacement details.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Elica chimney.

Problem	Possible Cause	Solution
Chimney not turning on	No power supply; loose connection; tripped circuit breaker.	Check power plug, circuit breaker. Ensure proper connection.
Low suction power	Oil collector full; ducting obstruction; charcoal filter clogged (ductless mode).	Empty and clean oil collector. Check ducting for blockages. Replace charcoal filter if necessary.

Problem	Possible Cause	Solution
Unusual noise during operation	Loose components; foreign object in fan; motor issue.	Ensure all parts are secure. Turn off and inspect for obstructions. If noise persists, contact service.
Auto-clean not effective	Excessive grease buildup; oil collector not properly installed.	Run auto-clean more frequently. Ensure oil collector is correctly seated.
Motion sensor unresponsive	Sensor obstructed or dirty; sensor malfunction.	Clean the sensor area. Ensure no objects are blocking the sensor. If issue continues, use touch controls or contact service.

If the problem persists after attempting these solutions, please contact Elica customer support.

7. SPECIFICATIONS

Technical specifications for the Elica FLAT FL 900 MAX BLDC HAC LTW MS NERO kitchen chimney.

Feature	Specification
Model Number	FLAT FL 900 MAX BLDC HAC LTW MS NERO
Chimney Type	T-Shape, Wall Mounted Canopy Hood
Size	90 cm
Product Dimensions (L x H x D)	90 cm x 45 cm x 45 cm
Suction Power	1600 m ³ /hr
Motor Type	BLDC Motor
Filter Type	Filterless
Control Type	9 Speed Touch Control with RPM Display + Motion Sensor Control
Noise Level	48 Decibels
Power Requirement	220 Volts (AC)
Wattage	130 Watts
Light Source	LED Lamp
Material Type	Stainless Steel
Color	Black
Item Weight	15.2 Kilograms

8. WARRANTY AND SUPPORT

Elica provides comprehensive warranty and support for your kitchen chimney.

Warranty Information

- **Motor Warranty:** Lifetime (15 Years)
- **Comprehensive Warranty:** 5 Years (covers PCB & Glass)

Please retain your purchase receipt and warranty card for any warranty claims. The warranty covers manufacturing defects under normal use conditions. For detailed terms and conditions, refer to the warranty card included with your product.

Customer Support

For technical assistance, service requests, or any queries regarding your Elica kitchen chimney, please contact Elica customer support. Contact details can be found on your warranty card or the official Elica website.