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> FIREGAS 60cm Range Hood User Manual

FIREGAS FGS-EBV40Z460CC

FIREGAS 60cm Range Hood User Manual

Model: FGS-EBV40Z460CC

Brand: FIREGAS

1. INTRODUCTION

Thank you for choosing the FIREGAS 60cm Range Hood. This manual provides essential information for the safe installation, operation, and maintenance of your new appliance. Please read it thoroughly before use and keep it for future reference.

Important Safety Information:

- Ensure the power supply matches the rating label on the appliance.
- Installation must be performed by a qualified person in accordance with local regulations.
- Always disconnect the appliance from the power supply before cleaning or maintenance.
- Do not flambé under the range hood.
- Ensure adequate ventilation in the room when the range hood is used simultaneously with gas or other fuel-burning appliances.

2. COMPONENTS INCLUDED

The following components are typically included with your FIREGAS 60cm Range Hood. Please check the packaging to ensure all parts are present.



- FIREGAS 60cm Range Hood Unit
- Charcoal Filters (CC130, if applicable for recirculation mode)
- Non-return Flap
- Air Exhaust Pipe (flexible duct)
- Mounting Hardware (screws, wall plugs, mounting brackets)
- User Manual

3. INSTALLATION

The FIREGAS 60cm Range Hood can be installed in two modes: **Extraction Mode** (ducted) or **Recirculation Mode** (ductless, using charcoal filters). Choose the appropriate method for your kitchen setup.

3.1 Wall Mounting

The range hood is designed for wall-mounted installation. Ensure the wall is strong enough to support the weight of the appliance.

1. **Prepare the Wall:** Mark the drilling points according to the provided template or dimensions. Ensure the height above the cooking surface complies with local safety regulations (typically 65-75 cm for electric hobs, 75-85 cm for gas hobs).
2. **Drill Holes:** Drill holes for the mounting brackets and secure them firmly to the wall using the supplied screws and wall plugs.
3. **Mount the Hood:** Carefully lift the range hood and attach it to the installed mounting brackets. Ensure it is level and securely fastened.
4. **Install Chimney Sections:** Assemble and install the upper and lower chimney sections, securing them to the wall and the hood body.



Figure 3.1: Range Hood Dimensions and Mounting Points

3.2 Connecting to Ventilation (Extraction Mode)

For extraction mode, the range hood expels air outside through a ducting system.

1. **Connect Ducting:** Attach the flexible air exhaust pipe to the outlet on the top of the range hood. Extend the pipe to an external vent.
2. **Seal Connections:** Ensure all ducting connections are sealed to prevent air leaks and maximize efficiency.



Figure 3.2: Extraction Mode Setup

In extraction mode, cooking fumes and odors are drawn into the hood, filtered through the grease filter, and then expelled directly outside through a ducting system. This method provides the most effective removal of airborne particles and moisture.

3.3 Recirculation Mode (Ductless Installation)

For recirculation mode, the air is filtered and returned to the kitchen. This mode requires the installation of charcoal filters (model CC130).

1. **Install Charcoal Filters:** Attach the charcoal filters to the motor housing inside the range hood. Refer to the filter packaging for specific installation instructions.
2. **No External Ducting:** No external ducting is required for this mode. Ensure the air outlet on the top of the hood is unobstructed for filtered air to return to the room.



Figure 3.3: Recirculation Mode Setup

In recirculation mode, air passes through the grease filter and then through activated charcoal filters, which absorb odors. The purified air is then released back into the kitchen. This is ideal when external venting is not possible.

3.4 Electrical Connection

Connect the range hood to a suitable power outlet. Ensure the electrical installation complies with local regulations.

4. OPERATION

The FIREGAS 60cm Range Hood features a user-friendly touch control panel and LED display for easy operation.

4.1 Control Panel Overview



Figure 4.1: Touch Control Panel

- **ON/OFF Button:** Press to turn the hood on or off.
- **Speed Adjustment (+/-):** Use these buttons to cycle through the 3 available fan speeds.
- **Light Button:** Press to turn the LED lights on or off.
- **Timer Button:** Activates the timer function, allowing the hood to run for 1 to 5 minutes before automatically shutting off.

4.2 Fan Speed Settings

The range hood offers 3 fan speed settings to accommodate various cooking needs:

- **Speed 1 (Low):** Ideal for simmering or light cooking with minimal steam and odors.
- **Speed 2 (Medium):** Suitable for general cooking, frying, and moderate steam.
- **Speed 3 (High):** For heavy cooking, grilling, or when significant steam and strong odors are present.



Figure 4.2: Efficient Airflow during Cooking

The powerful airflow of 332 m³/h effectively removes cooking fumes and odors, ensuring a fresh kitchen environment.

4.3 LED Lighting

The integrated LED lights provide bright and energy-efficient illumination for your cooking area.



Figure 4.3: Bright LED Illumination

5. MAINTENANCE

Regular cleaning and maintenance will ensure the optimal performance and longevity of your FIREGAS range hood.

5.1 Cleaning the Exterior

Clean the exterior surfaces of the range hood regularly with a soft cloth and a mild, non-abrasive detergent. Avoid using harsh chemicals or abrasive cleaners that could damage the finish.



Figure 5.1: Cleaning the Range Hood Surfaces

5.2 Cleaning/Replacing Grease Filters

The aluminum grease filters capture grease particles from cooking fumes. They should be cleaned regularly (approximately every 2-4 weeks, depending on usage) to maintain efficiency.

- 1. **Remove Filters:** Locate the release latches on the grease filters and unclip them to remove.
- 2. **Clean Filters:** Wash the filters in hot soapy water or in a dishwasher. Ensure they are completely dry before re-installing.
- 3. **Re-install Filters:** Insert the dry filters back into their slots and secure the latches.



Figure 5.2: 5-Layer Aluminum Grease Filter

5.3 Replacing Charcoal Filters (Recirculation Mode Only)

Charcoal filters (model CC130) absorb odors and cannot be washed. They need to be replaced every 3-6 months, depending on usage.

- 1. **Remove Old Filters:** Disconnect the hood from power. Remove the grease filters. Twist or unclip the old charcoal filters from the motor housing.
- 2. **Install New Filters:** Attach new CC130 charcoal filters to the motor housing, ensuring they are securely fastened.
- 3. **Re-install Grease Filters:** Re-install the aluminum grease filters.

Replacement charcoal filters (CC130) can be purchased by searching for "CC130" or "B099PM8VFF" on Amazon.

6. TROUBLESHOOTING

Before contacting customer support, please refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Hood does not operate	No power supply	Check power plug, fuse, or circuit breaker.
Insufficient suction	Grease filters are dirty	Clean the grease filters.
	Charcoal filters are saturated (recirculation mode)	Replace charcoal filters (CC130).
	Ducting is blocked or too long/narrow (extraction mode)	Check ducting for obstructions or correct sizing.
Excessive noise	Loose components or improper installation	Check all screws and connections are tight. Ensure proper installation.
	Foreign object in fan/motor	Disconnect power and inspect for foreign objects.
Lights not working	LED lights faulty	Contact customer support for replacement.

7. SPECIFICATIONS

Technical details for the FIREGAS 60cm Range Hood (Model FGS-EBV40Z460CC).

Feature	Specification
Model Number	FGS-EBV40Z460CC
Control Type	Touch Control
Voltage	220 Volts
Number of Speeds	3
Item Weight	10 Kilograms
Light Source Type	LED
Power	108 Watts
Filter Type	Mesh (Aluminum)
Ventilation Type	Convertible (Extraction/Recirculation)
Hood Design	Wall-mounted Range Hood
Product Dimensions (L x W x H)	32.5 x 59.5 x 103.1 cm
Energy Efficiency Class	A++
Annual Energy Consumption	9 kWh per year
Airflow Capacity	400 cubic meters per hour (max)
Noise Level	47 dB (min)
Material	Aluminum, Metal
Special Features	Grease Filter, LED Lighting



Figure 7.1: Energy Efficiency Label

8. WARRANTY AND SUPPORT

FIREGAS products are manufactured to high-quality standards. For warranty information, technical support, or spare parts, please refer to the contact details provided with your purchase or visit the official FIREGAS website.

Please retain your proof of purchase for warranty claims.

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