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FIREGAS FGS-ESF23A360CC

FIREGAS 60 cm Under-Cabinet Extractor Hood

Model: FGS-ESF23A360CC

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your FIREGAS 60 cm under-cabinet extractor hood, model FGS-ESF23A360CC. Please read these instructions carefully before installation and use, and retain them for future reference.
The FIREGAS extractor hood is designed for both exhaust air and recirculation modes, featuring a durable filter system for grease and odors, touch screen controls, and energy-efficient LED lighting.



Image 1.1: Front view of the FIREGAS 60 cm under-cabinet extractor hood, showcasing its sleek design and touch control panel.

2. Safety Information

Always adhere to basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply voltage matches the rating label on the appliance.
- Installation must be performed by a qualified person in accordance with local regulations.
- Do not operate the hood if the power cord or plug is damaged.
- Clean grease filters regularly to prevent grease accumulation, which can be a fire hazard.
- Do not flambé under the range hood.
- Maintain a minimum distance between the hob and the lower part of the hood as specified in the installation section.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.

3. Package Contents

Verify that all components are present and undamaged upon unpacking.



Image 3.1: Included components for the FIREGAS extractor hood.

- FIREGAS Extractor Hood Unit
- Charcoal Filter (Model No.: CC 130) - for recirculation mode
- Dampers
- Vent Cover
- Air Outlet
- Grease Filters (pre-installed)
- Mounting Screws and Wall Plugs

- User Manual
- Installation Instructions

4. Specifications

Feature	Specification
Brand	FIREGAS
Model Number	FGS-ESF23A360CC
Dimensions (L x W x H)	59.5 x 48 x 10 cm (23.4 x 18.9 x 3.9 inches)
Item Weight	5.9 kg (13 lbs)
Material	Stainless Steel
Color/Finish	Silver
Control Type	Touch Screen
Number of Speeds	3
Maximum Air Flow Capacity	201.6 m^3/h
Noise Level (Max)	70 dB(A)
Voltage	220 Volts
Light Source Type	LED (2W)
Filter Type	Carbon Filter (for recirculation), Multilayer Grease Filter
Ventilation Type	Exhaust or Recirculation
Ventilation Hole Diameter	φ120mm
Special Features	Delayed Stop Function, Grease Filter, LED Lighting



Image 4.1: Product dimensions and key measurements.

Productkaart

Gedelegeerde Verordening (EU) 65/2014

Naam of handelsmerk leverancier	**Zhongshan Firegas Technology Co.,Ltd**
Typeaanduiding	**FGS-ESF23A360CC**
Jaarlijks energieverbruik	**35,2 kWh/jaar**
Energie-efficiëntieklasse	**C**
Hydrodynamische efficiëntie	**9,6**
Hydrodynamische-efficiëntieklasse	**E**
Verlichtingsefficiëntie	**31,0 lux/W**
Verlichtingsefficiëntieklasse	**A**
Vetfilteringsefficiëntie	**67,2 %**
Vetfilteringsefficiëntieklasse	**D**
Luchtstroom (min. snelheid normaal gebruik)	**116 m³/uur**
Luchtstroom (max. snelheid normaal gebruik)	**196 m³/uur**
Akoestische A-gewogen geluidsemissie in de lucht (min. snelheid normaal gebruik)	**57 dB**
Akoestische A-gewogen geluidsemissie in de lucht (max. snelheid normaal gebruik)	**70 dB**

Image 4.2: Energy efficiency and performance data.

5. Installation

The FIREGAS extractor hood can be installed under a cabinet or wall-mounted. Refer to the separate installation diagrams included in your package for detailed steps. Ensure proper ventilation and electrical connections are made by a qualified professional.

5.1. Installation Distance

Maintain an optimum installation distance of 650mm between the cooking surface and the bottom edge of the extractor hood.



Image 5.1: Recommended installation height above the hob.

5.2. Ventilation Modes

The hood supports two ventilation modes:

- **Exhaust Mode:** Air is extracted from the kitchen and expelled outside through a duct. If using this mode, you will need to prepare your own φ120mm exhaust duct.
- **Recirculation Mode:** Air is filtered through the grease and charcoal filters, then recirculated back into the kitchen. This mode is suitable when external venting is not possible.

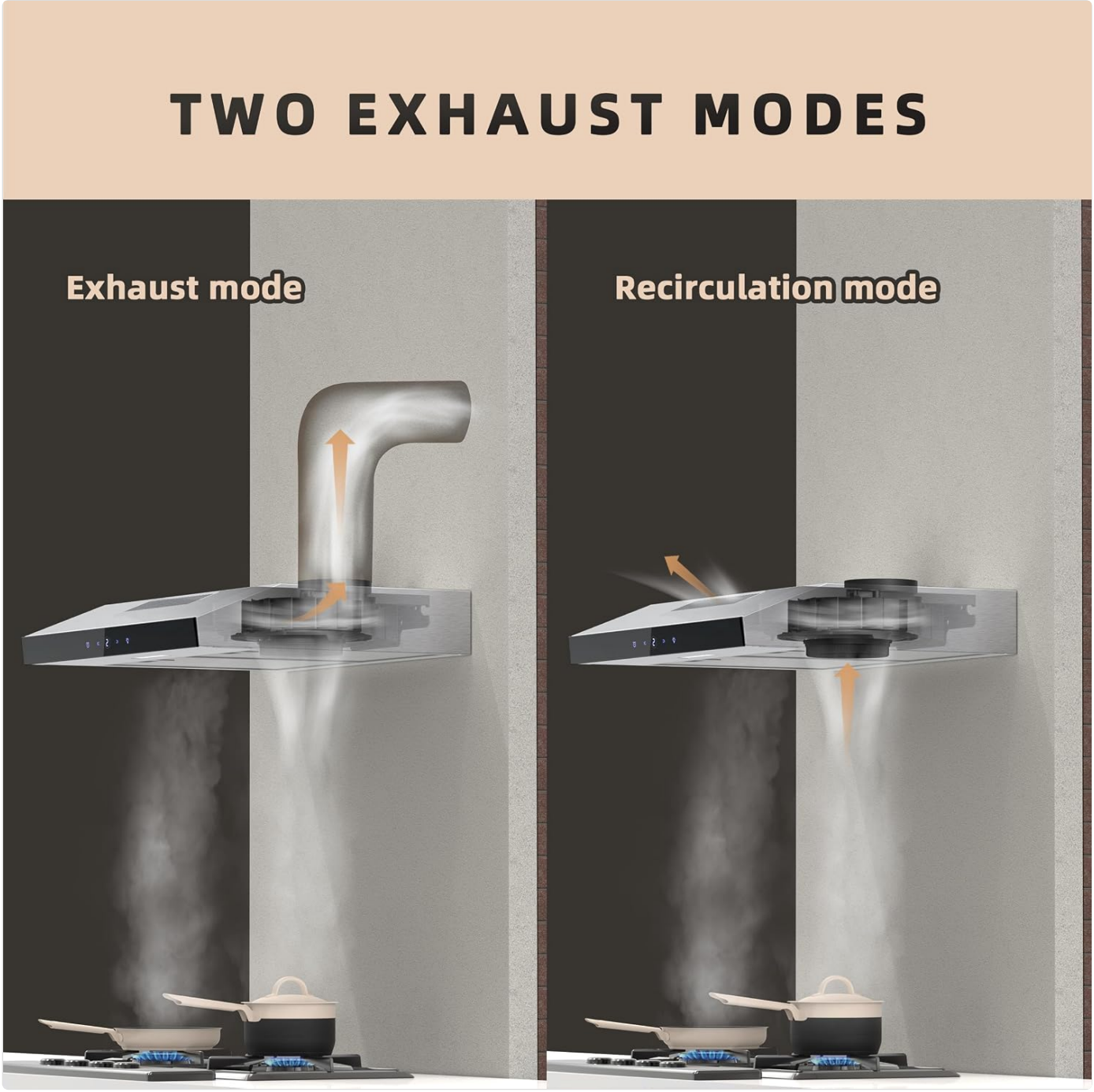


Image 5.2: Illustration of exhaust and recirculation modes.



Image 5.3: Example of the extractor hood installed in a kitchen setting.

6. Operation

The extractor hood features a touch screen control panel for easy operation.



Image 6.1: Touch control panel overview.

6.1. Control Panel Functions

- **ON/OFF Button:** Press to turn the hood on or off.
- **Speed Settings (1-3):** Adjust the fan speed according to your cooking needs.
  - Speed 1: Low suction, for light cooking.
  - Speed 2: Medium suction, for general cooking.
  - Speed 3: High suction, for heavy frying or strong odors.
- **LED Light Button:** Press to turn the integrated LED lighting on or off. The LED light provides illumination for your cooking area.
- **Delayed Stop Function:** This function allows the hood to continue operating for a set period (1-9 minutes) after cooking, then automatically shut off. Press the delay button and use the speed buttons to adjust the timer.



Image 6.2: LED lighting in operation, illuminating the cooking surface.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your extractor hood.

7.1. Cleaning Grease Filters

The multilayer grease filters should be cleaned regularly (approximately every 2-4 weeks, depending on usage) to prevent grease buildup and maintain suction efficiency. They can be washed by hand with warm soapy water or in a dishwasher.

1. Turn off the power supply to the hood before cleaning.
2. Remove the grease filters by pulling the latch and lowering the filter.
3. Clean the filters thoroughly.
4. Allow filters to dry completely before re-installing.

7.2. Replacing Charcoal Filters (Recirculation Mode Only)

If your hood is operating in recirculation mode, the charcoal filter (Model No.: CC 130) needs to be replaced periodically (typically every 3-6 months, depending on usage) as it cannot be washed. A saturated charcoal filter will reduce air flow and odor absorption.

1. Turn off the power supply to the hood.
2. Remove the grease filters to access the charcoal filters.
3. Twist or unclip the old charcoal filters and remove them.
4. Install new charcoal filters by aligning and twisting/clipping them into place.
5. Re-install the grease filters.

7.3. General Cleaning

Clean the exterior surfaces of the hood with a soft cloth and mild detergent. Do not use abrasive cleaners or corrosive substances.

8. Troubleshooting

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

Problem	Possible Cause	Solution
Hood does not operate	No power supply	Check if the plug is properly inserted and the circuit breaker is on.
Low suction power	Grease filters are clogged	Clean the grease filters.
Low suction power	Charcoal filters are saturated (recirculation mode)	Replace the charcoal filters.
Low suction power	Obstruction in the exhaust duct (exhaust mode)	Check and clear any obstructions in the ducting.
Excessive noise	Loose components or improper installation	Ensure all mounting screws are tightened and components are securely in place.
LED light not working	LED bulb failure	Contact customer support for replacement or service.

9. Warranty and Support

FIREGAS products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.
For technical support, spare parts, or service inquiries, please contact FIREGAS customer service through the contact details provided on the official FIREGAS website or your purchase documentation.
Manufacturer: FIREGAS (Zhongshan Firegas Technology Co.,Ltd)
Part number: FGS-ESF23A360CC

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