FIREGAS FGS-USD08G60AC

FIREGAS 24-inch 600 CFM Stainless Steel Range Hood Instruction Manual

Model: FGS-USD08G60AC

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your FIREGAS 24-inch 600 CFM Stainless Steel Range Hood. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.



Image 1.1: The FIREGAS 24-inch stainless steel range hood, featuring a chimney-style design and including two charcoal filters for ductless operation.

2. Safety Information

For your safety and to reduce the risk of fire, electric shock, or injury, observe the following:

- Read all instructions before operating the appliance.
- Installation must be performed by a qualified technician in accordance with all applicable local codes and standards.
- Always disconnect power to the range hood before servicing or cleaning.
- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.

- Adequate ventilation is necessary for proper combustion and exhausting of gases through the flue (chimney) of fuel-burning equipment to prevent back-drafting.
- Clean grease filters frequently. Grease should not be allowed to accumulate on the fan or filters.
- Never leave surface units unattended at high settings. Boil-overs cause smoking and greasy spill-overs that may ignite.
- Use appropriate size cookware on each burner.

3. What's in the Box

Verify that all components are present before beginning installation:

- 24 inch Range Hood & 2 Chimneys
- Duct Pipe & Bracket & Hook & Screws
- 2 Charcoal Filters (# CC170)
- Oil Cup & Power Cord
- Manual & Installation Instruction



Image 3.1: Contents of the FIREGAS range hood package, including the main hood unit, two chimney sections, duct pipe, mounting hardware, charcoal filters, oil cup, power cord, and instruction manuals.

4. Setup and Installation

The FIREGAS range hood offers flexible installation options, supporting both ducted (exhaust) and ductless (recirculation) modes. Refer to the included 'Manual & Installation Instruction' for detailed step-by-step guidance.

4.1 Dimensions and Placement

The wall mount range hood dimensions are 23.42" (W) x 18.93" (D) x 25.23-39.01" (H). It is suitable for small kitchens and apartments. Ensure adequate clearance above your cooking surface, typically between 25.6" and 30" from the cooktop to the bottom of the hood.



Image 4.1: Detailed dimensions of the 24-inch range hood, including the main body and the adjustable chimney, designed to fit ceilings between 7.5 and 8.5 feet.

4.2 Ducted vs. Ductless Installation

- **Ducted Mode:** Install the included 5.9-inch wide air duct to vent cooking fumes and odors outside your home. This mode provides the most effective ventilation.
- **Ductless Mode:** For installations where external venting is not possible, install the two included charcoal filters (#CC170). These filters purify the air before recirculating it back into the kitchen.



Image 4.2: Illustration of the two venting modes: Exhaust Mode (ducted, expelling air outside) and Recirculation Mode (ductless, using charcoal filters to clean and return air).

4.3 Adjustable Chimney

The range hood features adjustable extension chimneys, allowing you to customize the height to fit various ceiling heights, typically between 7.5 to 8.5 feet.



Image 4.3: The adjustable extension chimneys can be moved up and down to accommodate different ceiling heights, ensuring a seamless fit.

5. Operating Instructions

The range hood is equipped with user-friendly push-button controls for easy operation of its functions.

5.1 Control Panel

The control panel features five push buttons:

- **On/Off:** Powers the unit on or off.
- **Low Speed:** Activates the fan at a low setting for light cooking.
- **Mid-Speed:** Activates the fan at a medium setting for general cooking.
- **High Speed:** Activates the fan at a high setting for heavy cooking or strong odors.
- **Light:** Turns the LED cooktop light on or off.



Image 5.1: The five push-button controls for operating the range hood's power, fan speeds (low, mid, high), and LED light.

5.2 Exhaust Fan

The 600 CFM airflow capacity provides powerful suction to quickly remove smoke, grease, and odors from your kitchen. Select the appropriate speed based on your cooking needs.



Image 5.2: The powerful 600 CFM airflow effectively removes oily fumes and odors, protecting kitchen surfaces from grease buildup.



Image 5.3: Visual representation of the three fan speeds: Low for simmering, Mid for general cooking, and High for frying or strong odors.

5.3 LED Lighting

The integrated 2-watt LED light provides bright, energy-efficient illumination over your cooktop area. It is designed for durability and easy replacement.



Image 5.4: The 2-watt LED light provides bright, energy-saving illumination for your cooking area, ensuring clear visibility.

6. Maintenance

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

6.1 Baffle Filters

The permanently installed baffle filters are designed with deep grooves to effectively capture grease. They are reusable and can be cleaned by hand or in a dishwasher.

- **Disassembly:** The filters are easy to disassemble for cleaning. Refer to the installation manual for specific instructions.
- **Cleaning:** Wash filters with warm, soapy water or place them in a dishwasher. Ensure they are completely dry before reinstallation.



Image 6.1: Baffle filters with deep groove design effectively capture oil and grease. They are easy to disassemble and can be cleaned by hand or in a dishwasher.

6.2 Charcoal Filters (Ductless Mode)

If operating in ductless (recirculation) mode, the charcoal filters (#CC170) must be replaced periodically. The frequency of replacement depends on usage and cooking habits. Refer to the charcoal filter packaging or the main instruction manual for replacement guidelines.

6.3 Exterior Cleaning

The stainless steel material is easy to maintain and clean. Use a soft cloth with a non-abrasive stainless steel cleaner. Avoid harsh chemicals or abrasive pads that could scratch the surface.



Image 6.2: Cleaning the stainless steel surface of the range hood with a soft cloth and cleaning solution to remove grease and maintain its appearance.

7. Troubleshooting

This section addresses common issues you might encounter. For more complex problems, consult a qualified technician.

Problem	Possible Cause	Solution
Range hood does not turn on.	No power supply; circuit breaker tripped; power cord not properly connected.	Check power connection; reset circuit breaker; ensure power cord is securely plugged in.
Poor suction performance.	Grease filters are clogged; charcoal filters (ductless) are saturated; ducting is obstructed or too long.	Clean or replace filters; check ductwork for obstructions or proper sizing.
Excessive noise during operation.	Loose components; fan motor issue; improper installation of ducting.	Check for loose screws or parts; ensure ducting is properly secured; contact support if motor issue is suspected.
LED light not working.	Light bulb is faulty; wiring issue.	Replace LED bulb; check electrical connections.

8. Specifications

Feature	Specification
Model Info	FGS-USD08G60AC
Brand	FIREGAS
Product Dimensions	18.93"D x 23.42"W x 39.01"H (48.08 x 59.49 x 99.08 cm)
Item Weight	23 Pounds (10.43 kg)
Material	Stainless Steel
Finish Type	Brushed
Mounting Type	Wall Mount
Ventilation Type	Convertible (Ducted / Ductless)
Air Flow Capacity	600 Cubic Feet Per Minute (CFM)

Feature	Specification
Number of Speeds	3
Noise Level	55 dB
Controls Type	Push Button
Light Source Type	LED (2-watt)
Voltage	120 Volts
Wattage	195 watts
Filter Type	Baffle (Dishwasher-Safe)
Included Charcoal Filters	2 Charcoal Filters (# CC170)
Certification	ETL

9. Warranty and Support

9.1 Limited Warranty

This FIREGAS range hood comes with a **1-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any quality problems, technical assistance, or warranty inquiries, please contact FIREGAS customer service. Refer to the contact information provided in your product packaging or on the official FIREGAS website for the most current support details.

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