

FIREGAS FGS-USF39A560AC

FIREGAS 24 inch Under Cabinet Range Hood

Model: FGS-USF39A560AC

Instruction Manual

IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installation and operation. Keep this manual for future reference.

- Always disconnect power before servicing or cleaning the unit.
- Installation must be performed by a qualified technician in accordance with all local codes and standards.
- Ensure proper grounding to reduce the risk of electric shock.
- Do not operate the range hood if the power cord or plug is damaged.
- Clean grease filters regularly to prevent grease fires.
- This appliance is intended for normal household use only.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- FIREGAS 24 inch Range Hood
- Aluminum Filter (without charcoal cotton filter)
- Screws & Recirculation Sheet
- Installation Manual
- Installation Drawing



Package Includes

Model Number: FGS-USF39A560AC



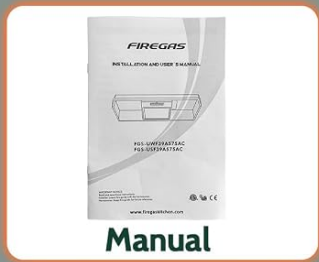
Screws



Recirculation Sheet
(used by ductless mode,
don't discard)



Circular Air Outlet



Manual



Installation Drawing

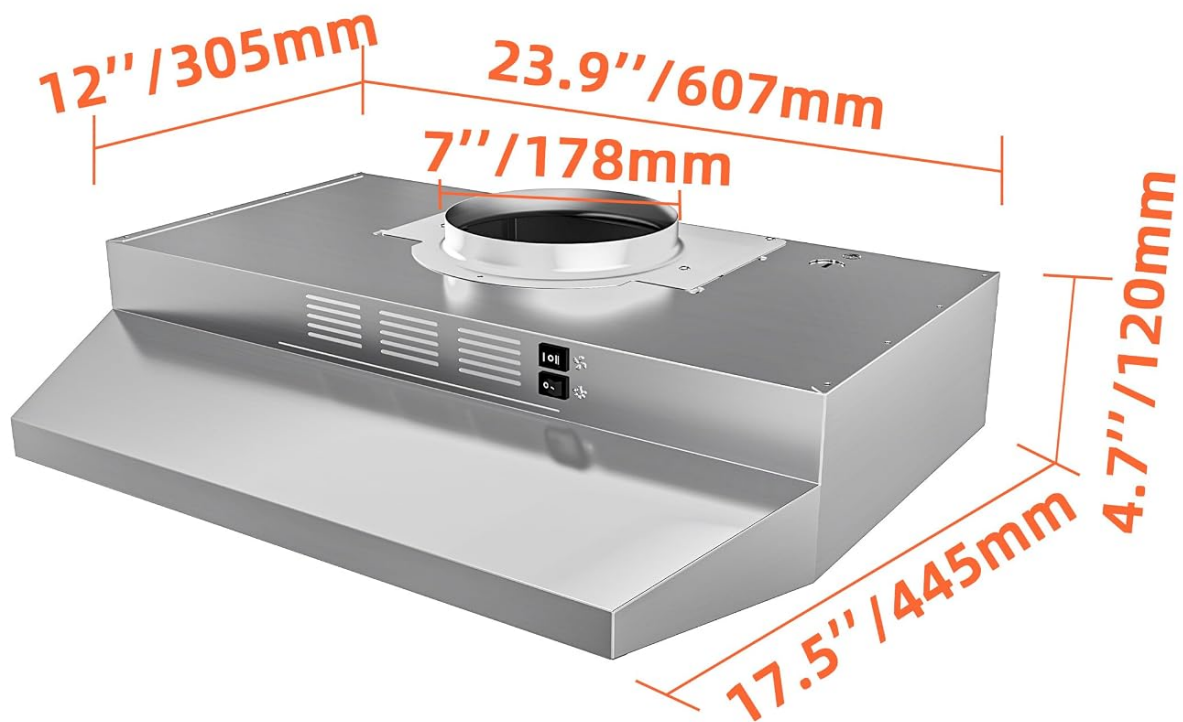
Image: Components included in the FIREGAS range hood package, showing the main unit, aluminum filter, screws, recirculation sheet, installation manual, and installation drawing.

SPECIFICATIONS

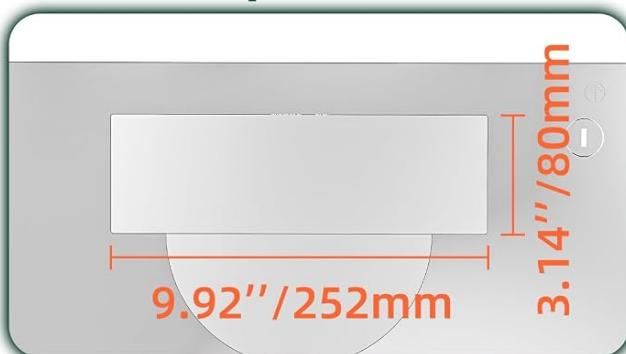
Feature	Description
Model	FGS-USF39A560AC
Dimensions (W x D x H)	23.9 x 17.5 x 4.7 inches (607 x 445 x 120 mm)
Material	Stainless Steel, Aluminum
Airflow Displacement	300 Cubic Feet Per Minute (CFM)
Noise Level	57 dB
Fan Speeds	2 (Low, High)

Lighting	2-watt LED Light
Controls	Rocker Button Control
Ventilation Type	Convertible (Ducted/Ductless)
Exhaust Ports	Top (7" round), Rear (9.92"W x 3.07"H rectangular)
Voltage	110-120V AC
Filter Type	Multi-layer Aluminum Mesh

Dimension About 24 inches wide



Top Vent



Back Vent

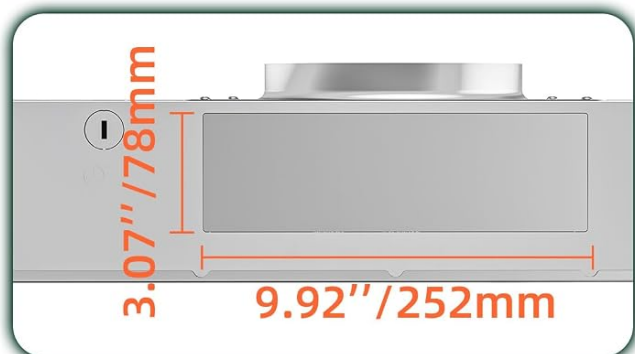


Image: Dimensional diagram of the range hood, illustrating its compact size and the specifications for both top and rear exhaust options.

INSTALLATION

The FIREGAS range hood is designed for under-cabinet mounting and offers both ducted and ductless (recirculating) ventilation options. Refer to the included 'Installation Manual' and 'Installation Drawing' for detailed, step-by-step instructions and diagrams.

Ventilation Modes

This range hood is convertible and supports two primary ventilation modes:

- **Ducted Mode:** Smoke and odors are vented outside through a duct pipe. The unit has a 7-inch round top exhaust port and a 9.92"W x 3.07"H rectangular rear exhaust port.
- **Ductless (Recirculation) Mode:** Smoke and odors are filtered through an optional charcoal filter (not included, sold separately as FGS-TF39-LW) and recirculated back into the kitchen. The included recirculation sheet is used for this mode.



Image: Visual representation of the two convertible ventilation modes: ducted, where smoke is expelled through a pipe, and ductless, where smoke is filtered and recirculated.



Image: Detailed view of the three exhaust options: top venting, rear venting, and front recirculation (requiring an additional charcoal filter).

Electrical Connection

The range hood is hardwired and does not come with a plug. An electrical box (FGS-TF39-DYX, sold separately) may be required for connection. Ensure all wiring is done by a qualified electrician and complies with local electrical codes.

1. Pry open the designated hole for wiring.
2. Install the black rubber ring and extend the wires from inside the range hood through the hole to the outside.
3. Connect the wires on the outside of the range hood, matching colors appropriately.
4. Secure the wire connections with white wire caps and tools.



Image: Step-by-step guide for external wire connection, ensuring wires are not exposed to the cooking area.

OPERATION

The FIREGAS range hood features simple rocker switches for controlling the fan speed and LED light.

Fan Speed Control

The unit has a 2-speed fan to adjust airflow based on your cooking needs. Use the rocker switch to select between Low and High speeds.

2 Speed Selectable



Image: Close-up of the rocker switches, indicating the low and high fan speed settings.



Image: Illustration demonstrating the difference in smoke extraction between low and high fan speeds.

LED Light Operation

The 2-watt LED light illuminates your cooking area, providing optimal visibility. Use the separate rocker switch to turn the light on or off.

2-watt LED Light

Lighting up the stovetop area



Image: The range hood's 2-watt LED light in operation, showing its effectiveness in lighting the cooking surface, along with its control switch.

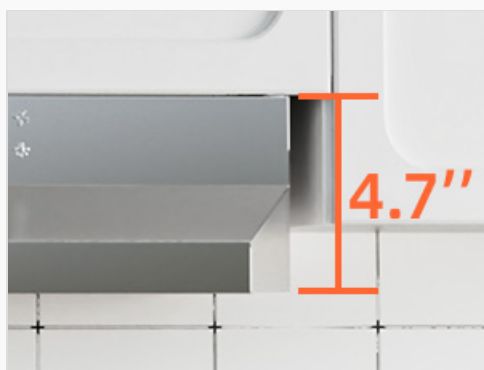


Image: The 2-watt LED light effectively lighting the stovetop area.

MAINTENANCE

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

Cleaning the Aluminum Filters

The multi-layer aluminum filters capture grease and oil. They should be cleaned regularly, typically every 3-6 months depending on cooking frequency, to maintain efficient airflow.

1. Ensure the range hood is turned off and unplugged from power.
2. Locate the buckle or latch mechanism holding the filter in place.
3. Open the buckle and carefully slide the aluminum filter out in a parallel motion.
4. Clean the filters using warm soapy water or a dishwasher. For stubborn grease, a degreasing agent can be used.
5. Rinse thoroughly and allow the filters to dry completely before re-installing.
6. Slide the dry filter back into its slot and secure the buckle.

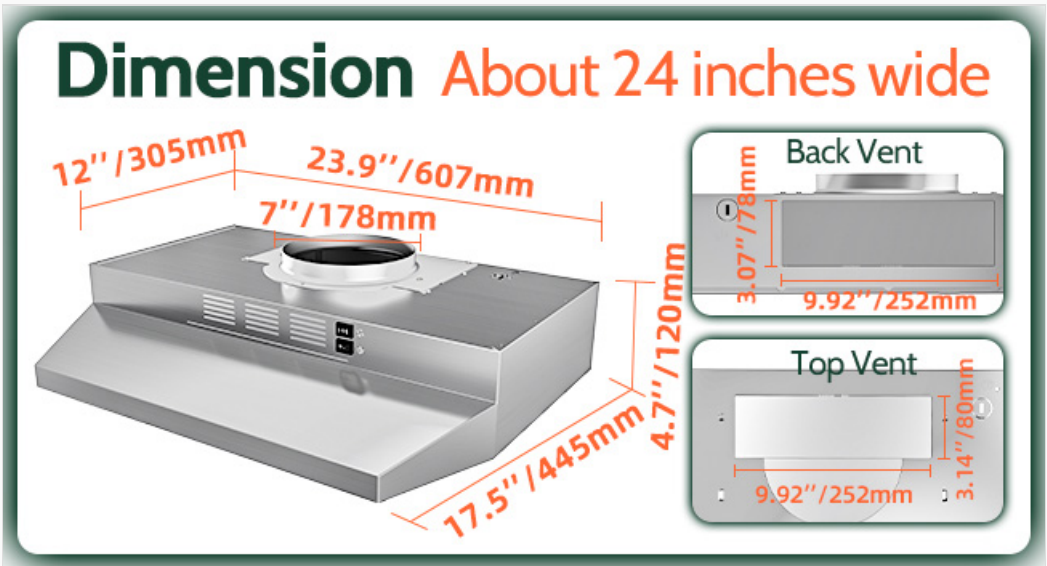


Image: Instructions for removing the aluminum filter by opening the buckle and sliding it out, highlighting the multi-layer design for effective grease capture.

General Cleaning

Wipe the exterior surfaces of the range hood with a soft cloth dampened with mild soap and water. Do not use abrasive cleaners, steel wool, or harsh chemicals, as these can damage the stainless steel finish.

TROUBLESHOOTING

Before contacting customer support, review the following common issues and their solutions:

Problem	Possible Cause & Solution
Fan does not operate	No power: Check circuit breaker or fuse. Ensure unit is properly wired. Switch off: Ensure fan speed switch is in the 'on' position. Motor issue: If power is present and switch is on, contact customer support.

Light does not turn on	No power: Check circuit breaker or fuse. Switch off: Ensure light switch is in the 'on' position. LED bulb failure: LED lights are long-lasting, but if faulty, contact customer support for replacement.
Poor suction	Clogged filters: Clean or replace aluminum filters. If using ductless mode, replace charcoal filters (if installed). Improper installation: Ensure ductwork is correctly installed and free of obstructions (for ducted mode). Check for proper sealing. Fan speed too low: Increase fan speed.
Excessive noise	Loose parts: Check for any loose screws or components. Obstruction in fan: Turn off power and inspect the fan for any foreign objects. Improper installation: Ensure the unit is securely mounted and level.

WARRANTY AND CUSTOMER SUPPORT

The FIREGAS 24 inch Under Cabinet Range Hood comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact FIREGAS customer support. Have your model number (FGS-USF39A560AC) and purchase date ready when contacting support.

Contact information for support is typically found on the product packaging or the official FIREGAS website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question