

FIREGAS FGS-UBF39A575AC

FIREGAS Black 30 Inch Under Cabinet Range Hood

MODEL: FGS-UBF39A575AC - INSTRUCTION MANUAL

[Safety Information](#) [Product Overview](#) [Specifications](#) [Setup & Installation](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Warranty & Support](#)

1. Safety Information

Please read this manual carefully before installation and use. Keep these instructions 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 ventilation to avoid back-drafting of combustion gases from other fuel-burning appliances.
- Do not flambé under the range hood.
- Clean grease filters regularly to prevent grease fires.
- 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.

2. Product Overview

The FIREGAS Black 30 Inch Under Cabinet Range Hood is designed to efficiently remove smoke, grease, and cooking odors from your kitchen. It features a slim profile, powerful suction, and versatile installation options.



Figure 2.1: FIREGAS Black 30 Inch Under Cabinet Range Hood. This image shows the overall design of the range hood, highlighting its compact size and black finish.

Key Features:

- **Powerful Suction:** 300 CFM airflow with a 2-speed exhaust fan for effective fume removal.
- **Energy-Efficient Lighting:** Integrated 2W LED light illuminates the cooking area.
- **Slim Design:** Space-saving dimensions (29.9" W x 17.5" D x 4.7" H) suitable for compact kitchens.
- **Convertible Venting:** Supports both ducted and ductless installation.
- **Dual Vent Options:** Can exhaust through top or back vent (round top outlet included, rectangle back outlet not included).
- **Easy Operation:** Rocker button controls for fan speed and light.
- **Multi-layer Aluminum Filter:** Efficiently captures oil and grease.

3. Specifications

Feature	Specification
Brand	FIREGAS
Model Number	FGS-UBF39A575AC
Product Dimensions	17.5"D x 29.9"W x 4.7"H
Item Weight	10 Pounds
Color	Black
Material	Aluminum
Air Flow Capacity	300 Cubic Feet Per Minute (CFM)
Number of Speeds	2
Noise Level	Less than 57 Decibels (at high speed)
Light Source Type	LED (2W)
Voltage	120 Volts
Filter Type	Mesh (Multi-layers aluminum filter)
Ventilation Type	Convertible (Ducted/Ductless)
Mounting Type	Under Cabinet Mount
Annual Energy Consumption	19 Kilowatt Hours Per Year

4. Setup & Installation

The FIREGAS range hood offers flexible installation as either a ducted or ductless system. Refer to the included installation instruction and manual for detailed steps. An installation video is also available for guidance.

4.1. Package Contents:

Before beginning installation, ensure all parts are present:

- FIREGAS Black 30 inch Range Hood
- Aluminum Filter (multi-layer)
- Recirculation Sheet (for ductless setup)
- Air Outlet (round top outlet)
- Installation Manual & Installation Drawing
- Screw Pack

Note: Charcoal filters for ductless operation (Model: FGS-TF39-LW, ASIN: B0CH335CR8) and a power plug (Model: FGS-TF39-DYX, ASIN: B0CH3454G7) are sold separately if needed. The unit is hard-wired by default.



Figure 4.1: Package contents including the range hood, recirculation sheet, air outlet, manual, installation instruction, and screw pack.

4.2. Venting Options:

The range hood supports two primary venting configurations:

1. **Ducted (Extraction Mode):** Air is exhausted outside through a duct system. This mode requires a connection to an external vent.
2. **Ductless (Recirculation Mode):** Air is filtered through charcoal filters (sold separately) and recirculated back into the kitchen. This mode is suitable when external venting is not possible.



Figure 4.2: Illustration of the two vent options: Extraction Mode (ducted) and Recirculation Mode (ductless).

4.3. Electrical Connection:

The unit is designed for hard-wired installation. If a plug-in option is desired, a compatible power plug (sold separately) must be installed by a qualified electrician.

Installation method of wires connection outside the range hood



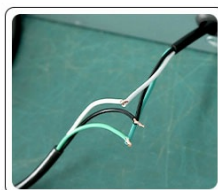
Step 1

Pry up open the hole



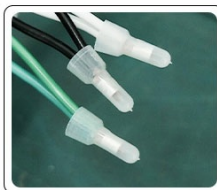
Step 2

Install black rubber ring. Extend the wires inside the range hood through the hole to the outside



Step 3

Connecting wires on the outside of the range hood, and connect the cord by the corresponding color



Step 4

Secure the white wire cap with tools



The installation is complete. The wires will not be exposed to the cooking area, and it is safe

Figure 4.3: Visual guide for the electrical wiring connection process, ensuring wires are secured and not exposed to the cooking area.

5. Operation

The range hood features simple rocker button controls for fan speed and lighting.

5.1. Fan Control:

The 2-speed exhaust fan can be adjusted to suit your cooking needs. Use the rocker switch to select between low and high speed settings.

- **Low Speed:** Ideal for light cooking, simmering, or maintaining air quality.
- **High Speed:** Recommended for heavy cooking, frying, or when strong odor and smoke removal is required.



Figure 5.1: Close-up of the rocker switches for controlling the fan speed (low/high) and light (on/off).



Figure 5.2: Visual comparison of the range hood's performance at low and high fan speeds, effectively clearing smoke and odors.

5.2. Lighting Control:

The integrated 2W LED light provides illumination for your cooking surface. Use the dedicated rocker switch to turn the light ON or OFF.



Figure 5.3: The 2W LED light provides ample brightness for the cooking area, enhancing visibility.

5.3. Official Product Video:

Your browser does not support the video tag.

Video 5.1: This official product video from Firegas Kitchen Appliances Direct demonstrates the features and functionality of the 30 inch Black Under Cabinet Range Hood, including its fan operation and lighting.

6. Maintenance

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

6.1. Cleaning the Aluminum Filters:

The multi-layer aluminum filters should be cleaned regularly to prevent grease buildup, which can reduce efficiency and pose a fire hazard. Filters can be easily removed and washed with warm, soapy water or placed in a dishwasher.



Figure 6.1: The multi-layer aluminum filter is designed to efficiently capture oil and grease, preventing it from entering the fan and ductwork.



Figure 6.2: This image illustrates the ease of cleaning the range hood's exterior and the removable aluminum filters.

6.2. Replacing Charcoal Filters (Ductless Mode Only):

If operating in ductless (recirculation) mode, charcoal filters (sold separately) must be replaced periodically, typically every 3-6 months depending on usage. Refer to the charcoal filter's specific instructions for replacement.

6.3. General Cleaning:

Wipe the exterior of the range hood with a soft cloth and mild detergent. Avoid abrasive cleaners or scouring pads that could damage the finish.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Fan does not operate	No power supply; Fan switch is OFF	Check circuit breaker/fuse; Ensure fan switch is ON
Light does not operate	No power supply; Light switch is OFF; LED bulb faulty	Check circuit breaker/fuse; Ensure light switch is ON; Contact customer service for LED replacement
Poor suction performance	Grease filters clogged; Incorrect installation (e.g., duct blockage); Charcoal filters saturated (ductless)	Clean aluminum filters; Check ductwork for obstructions; Replace charcoal filters (if applicable)
Excessive noise	Loose parts; Fan motor issue; Ductwork obstruction	Check for loose screws or components; Ensure filters are correctly installed; Inspect ductwork for blockages; Contact customer service if noise persists

8. Warranty & Support

The FIREGAS Black 30 Inch Under Cabinet Range Hood comes with a **1-year warranty**. This warranty covers defects in materials and workmanship under normal use.

8.1. What is Covered:

- Repair or replacement of defective parts.
- Manufacturing defects.

8.2. What is Not Covered:

- Damage due to improper installation or misuse.
- Normal wear and tear.
- Damage from accidents or unauthorized repairs.
- Consumable parts like filters (unless defective upon receipt).

8.3. Customer Service:

If you encounter any problems with your stove vent hood, please contact our customer service team immediately. We are committed to resolving customer issues and providing friendly service.

For support, please refer to the contact information provided in your purchase documentation or visit the official FIREGAS website.