

FIREGAS FGS-UBB22Y72AC

FIREGAS Black Range Hood 28 Inch (Model FGS-UBB22Y72AC) Instruction Manual

Comprehensive guide for installation, operation, and maintenance.

[Contents](#) [Specifications](#) [Installation](#) [Overview](#) [Safety](#) [Package](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Warranty & Support](#)

1. PRODUCT OVERVIEW

The FIREGAS Black Range Hood 28 Inch (Model FGS-UBB22Y72AC) is designed to provide efficient ventilation for your kitchen. It features a powerful 450 CFM suction, a 3-speed exhaust fan, and two LED lights for improved visibility. This model supports both ducted and ductless configurations, offering flexibility for various kitchen setups. The intuitive push-button controls ensure ease of use.



3 Speed Fan

Let you enjoy customizable ventilation



Low



Mid



High

Image: The FIREGAS 28-inch black range hood installed above a cooktop, demonstrating its powerful 450 CFM suction effectively removing cooking fumes.

2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and operation to prevent injury or damage. 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 is damaged. Contact customer support for replacement.
- Maintain a safe distance between the cooktop and the bottom of the range hood as specified in the installation instructions (25.59-29.53 inches).
- Clean grease filters regularly to prevent grease fires.
- Never leave cooking food unattended, especially when using high heat.
- Do not use the range hood for purposes other than its intended use (venting cooking fumes).

- Wear protective gloves during installation to prevent cuts or scrapes.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation. The accessories are located inside the range hood and need to be removed by taking out the aluminum filters.

- 1 x 28 inch Insert Range Hood
- 1 x Manual
- 1 x Installation Draft
- 1 x Screw Pack
- 1 x Plug Cord
- 2 x CC110 Charcoal Filters (for ductless operation)
- 2 x Dampers

User-Friendly Push Button Control



Image: An exploded view showing the FIREGAS range hood and all included accessories: charcoal filters (Model CC110), dampers, screw pack, installation draft, manual, and plug cord.

4. PRODUCT SPECIFICATIONS

Brand	FIREGAS
Model Number	FGS-UBB22Y72AC
Product Dimensions (D x W x H)	11.46" x 28.54" x 6.69"
Color	Black
Material Type	Painted Stainless Steel
Air Flow Capacity	450 CFM (Cubic Feet Per Minute)
Number of Speeds	3
Noise Level	50 Decibels
Light Source	LED (2 x 1.5W)
Controls Type	Push Button
Filter Type	Mesh (3-layer Reusable Aluminum)
Ventilation Type	Convertible (Ducted/Ductless)
Voltage	120 Volts
Wattage	88 watts
Certification	ETL



Image: A detailed dimension diagram of the range hood, indicating its width, depth, height, and duct diameter for installation planning. The recommended installation distance from the cooktop is 25.59-29.53 inches.

5. INSTALLATION INSTRUCTIONS

Proper installation is crucial for the performance and safety of your range hood. Refer to the included "Installation Draft" for detailed diagrams and steps.

5.1 Before You Begin

- Ensure the installation area meets the product dimensions and clearance requirements.
- Verify that the electrical supply matches the product specifications (120V).
- Decide whether to install the unit in ducted or ductless (recirculating) mode.
- Wear protective gloves during installation to prevent injury.



Image: A person wearing protective gloves during the installation of the range hood, emphasizing safety precautions.

5.2 Ducted vs. Ductless Installation

This range hood is convertible and can be installed in two ways:

- **Ducted Mode:** Air is exhausted outside through a duct pipe. This method provides the most effective removal of smoke and odors.
- **Ductless Mode:** Air is filtered through the included CC110 charcoal filters and recirculated back into the kitchen. This is suitable when external venting is not possible. Ensure charcoal filters are installed for ductless operation.



Image: A visual comparison of ducted and ductless installation methods. The ducted setup shows air being expelled through a pipe, while the ductless setup illustrates air being filtered and recirculated using charcoal filters.

5.3 General Installation Steps (Summary)

1. Prepare the cabinet opening according to the provided dimensions.
2. Mount the range hood securely into the cabinet using the supplied screws.
3. Connect the electrical wiring according to local codes.
4. For ducted installation, connect the duct pipe to the exhaust outlet. For ductless, install the CC110 charcoal filters.
5. Install the aluminum grease filters.
6. Test the unit's functionality (fan speeds, lights).

6. OPERATING INSTRUCTIONS

The FIREGAS range hood features user-friendly push-button controls for easy operation.



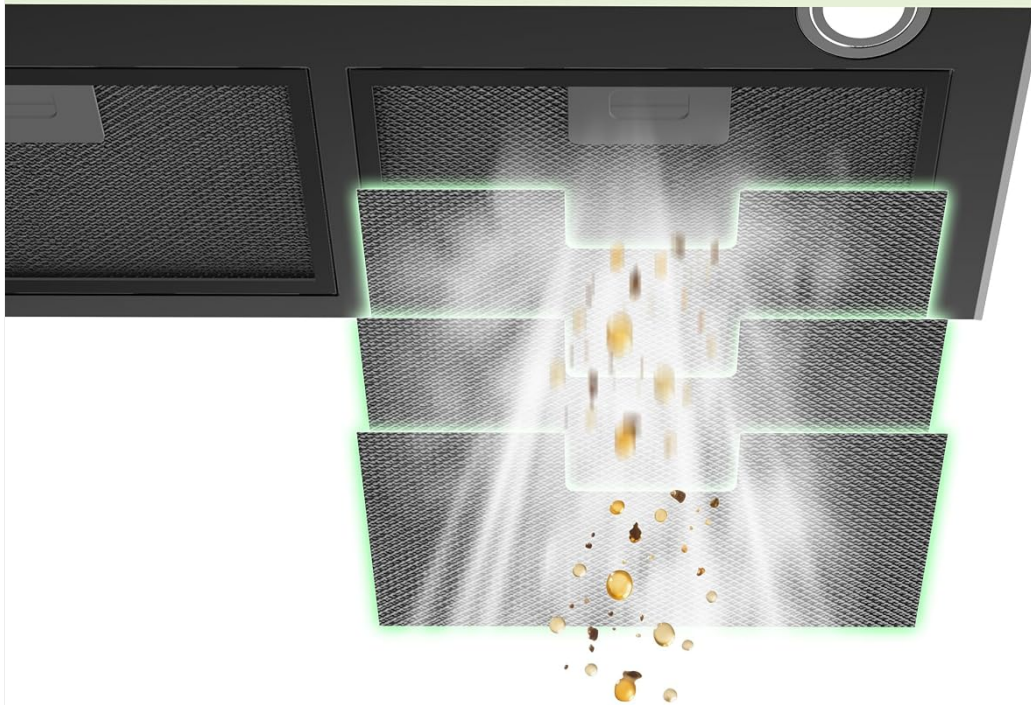
Image: A detailed view of the push-button control panel, illustrating the functions for power, fan speeds (1, 2, 3), and light control.

6.1 Fan Speed Control

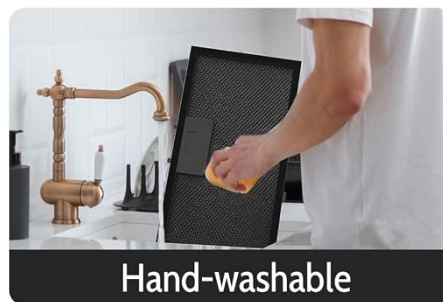
- **On/Off Button (Power Symbol):** Press to turn the range hood fan on or off.
- **Low Speed (1):** Ideal for light cooking, simmering, or when minimal ventilation is needed.
- **Mid Speed (2):** Suitable for general cooking, such as frying or boiling.
- **High Speed (3):** Use for heavy cooking, searing, or when significant smoke and odors are present. The 450 CFM suction provides powerful ventilation.

3-Layer Reusable Black Aluminum Filters

Superior grease and odor capture



Easy to disassemble



Hand-washable

Image: Visual representation of the 3-speed fan settings, demonstrating appropriate usage for different cooking intensities: Low for simmering, Mid for grilling, and High for intense frying.

6.2 LED Lighting

- **Light Switch Button (Asterisk Symbol):** Press to turn the integrated LED lights on or off. The two 1.5W LED lights provide bright illumination for your cooktop.

Package Include

Please remove the filters and take out the accessories



Charcoal Filter
Model No.: CC110



Dampers



Screw Pack



Installation
Draft



Manual



Plug Cord

Image: The range hood's LED lights providing clear and bright illumination over a cooktop, enhancing visibility during cooking.

7. MAINTENANCE

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

7.1 Cleaning Aluminum Grease Filters

The 3-layer reusable aluminum grease filters should be cleaned regularly (ideally every 3-4 weeks, depending on cooking frequency) to maintain effective grease capture and airflow.

1. **Power Off:** Ensure the range hood is turned off and disconnected from power before cleaning.
2. **Remove Filters:** Gently push the latch on each filter and pull down to remove it.
3. **Clean Filters:** The filters are hand-washable. Clean them in warm, soapy water or place them in a dishwasher. Avoid using abrasive cleaners or brushes that could damage the aluminum.
4. **Dry and Reinstall:** Allow filters to dry completely before reinstalling them. Ensure they click securely into place.



2x1.5w LED Lights



Push Button
Easy to Operate



Black Aluminum Filters
Permanent and Reusable



Black Painted Stainless Steel
Corrosion and rust resistant

Image: Illustration of the 3-layer reusable aluminum filters, highlighting their function in capturing grease and demonstrating the ease of disassembly and hand-washing for maintenance.

7.2 Replacing Charcoal Filters (Ductless Mode Only)

If using the range hood in ductless mode, the CC110 charcoal filters need to be replaced periodically (typically every 3-6 months, depending on usage) as they cannot be cleaned.

1. **Power Off:** Disconnect power to the unit.
2. **Remove Grease Filters:** Remove the aluminum grease filters as described above.
3. **Remove Old Charcoal Filters:** Twist or unclip the old charcoal filters from the motor housing.
4. **Install New Filters:** Attach new CC110 charcoal filters, ensuring they are securely fastened.
5. **Reinstall Grease Filters:** Replace the aluminum grease filters.

7.3 Cleaning Exterior Surfaces

- Clean the exterior of the range hood with a soft cloth and mild, non-abrasive detergent.
- Do not use harsh chemicals, abrasive pads, or steel wool, as these can damage the finish.
- Dry thoroughly after cleaning to prevent water spots.

8. TROUBLESHOOTING GUIDE

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

Problem	Possible Cause	Solution
Fan does not operate.	No power supply. Fan motor malfunction.	Check if the unit is plugged in and the circuit breaker is on. Contact customer support.
Poor suction performance.	Grease filters are clogged. Incorrect installation (e.g., ducting issues). Charcoal filters are saturated (ductless mode).	Clean or replace grease filters. Verify ducting is clear and properly sealed. Replace charcoal filters.
Excessive noise during operation.	Loose components. Obstruction in the fan or duct. Improper installation.	Check for loose screws or parts and tighten. Inspect fan and duct for foreign objects. Ensure the unit is securely mounted.
LED lights do not turn on.	Light bulb failure. Wiring issue.	Contact customer support for replacement LED lights. Check electrical connections (if comfortable and qualified).

9. WARRANTY AND CUSTOMER SUPPORT

9.1 Warranty Information

This FIREGAS 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. It does not cover damage resulting from improper installation, misuse, abuse, accidents, or unauthorized repairs.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact FIREGAS customer support. You can typically find contact information on the product packaging, the seller's website, or through your purchase platform. FIREGAS is dedicated to providing quick responses, after-sales support, and lifetime technical help to ensure customer satisfaction.



Image: An infographic detailing FIREGAS's customer-centric approach, including quick response times, after-sales support, lifetime technical assistance, and continuous product improvement.

