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› FIREGAS FGS-USB22Y72AC 28-inch Range Hood User Manual

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Model: FGS-USB22Y72AC | Brand: FIREGAS

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your FIREGAS 28-inch Built-in Stainless Steel Kitchen Range Hood. Please read this manual thoroughly before installation and use to ensure proper function and safety.

SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following:

- Install this range hood in accordance with all specified instructions.
- Always disconnect power before servicing or cleaning the unit.
- Ensure proper ventilation for combustion gases from fuel-burning equipment to prevent back-drafting.
- Do not use the range hood for purposes other than its intended use.
- 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.
- Wear protective gloves during installation to prevent cuts from sharp edges.

PACKAGE CONTENTS

Verify that all components are present in the package:

- 28 inch Insert Range Hood
- CC110 Charcoal Filters (for ductless conversion)
- Manual
- Installation Draft
- Screws
- Dampers
- Plug Cord



Image: All components included in the FIREGAS range hood package, including the hood, charcoal filters, manual, installation draft, screws, dampers, and plug cord.

SETUP AND INSTALLATION

Pre-Installation Safety

Always wear protective gloves during the installation process to prevent injury from sharp edges.



Image: A person wearing protective gloves, emphasizing the safety requirement during installation.

Dimensions and Placement

The FIREGAS range hood is designed for insert mounting. Ensure your cabinet opening and installation area meet the following dimensions:

- **Product Dimensions:** 11.46"D x 28.54"W x 6.69"H
- **Recommended Installation Distance from Cooktop:** 25.59" - 29.53"



Image: Detailed diagram illustrating the dimensions of the range hood and recommended installation height above a cooktop.

Ducted vs. Ductless Installation

This range hood supports both ducted and ductless (recirculating) installation methods. Choose the method suitable for your kitchen setup.

- **Ducted Mode:** Air is vented outside through a duct pipe.
- **Ductless Mode:** Air is filtered through charcoal filters and recirculated back into the kitchen. Ensure CC110 charcoal filters are installed for ductless operation.



Image: Visual representation of ducted installation (air expelled outdoors) and ductless installation (air filtered and recirculated).

OPERATING INSTRUCTIONS

Control Panel

The range hood features user-friendly push button controls for fan speed and lighting.



Image: Close-up view of the push button control panel, indicating buttons for ON/OFF, Low Speed, Mid Speed, High Speed, and Light.

Fan Speed Control

Select from three fan speeds to effectively remove smoke, grease, and odors based on your cooking intensity.

- **Low Speed:** Ideal for simmering or light cooking.
- **Mid Speed:** Suitable for general cooking.
- **High Speed:** Recommended for frying or heavy cooking that produces significant smoke and odors.

Ductless mode installation with charcoal filters

Capture grease and other particles. Easy to clean and maintain, extending the life of your range hood insert and ensuring optimal performance



Image: Illustration demonstrating the three fan speed settings (Low, Mid, High) and their corresponding ventilation effectiveness.

LED Lighting

The integrated LED lights provide bright illumination for your cooktop, enhancing visibility during cooking. Press the light button to turn the lights on or off.

2 x 1.5 watt Bright LED Lights

Energy-efficient lighting provides ample illumination



Image: The range hood installed above a cooktop, with its LED lights brightly illuminating the cooking surface.

MAINTENANCE

Cleaning Aluminum Grease Filters

The range hood is equipped with multi-layer reusable aluminum mesh filters designed to capture grease. Regular cleaning is essential for optimal performance.

- **Frequency:** Clean filters every 3-6 months, or more frequently depending on cooking habits.
- **Removal:** Gently push the latch on the filter and pull downwards to remove.
- **Cleaning Method:** Filters can be hand-washed with warm, soapy water or placed in a dishwasher. Ensure they are completely dry before reinstallation.
- **Reinstallation:** Align the filter with the slots and push upwards until it clicks into place.



Image: Visual guide demonstrating how to disassemble and hand-wash the 3-layer reusable aluminum filters for the range hood.

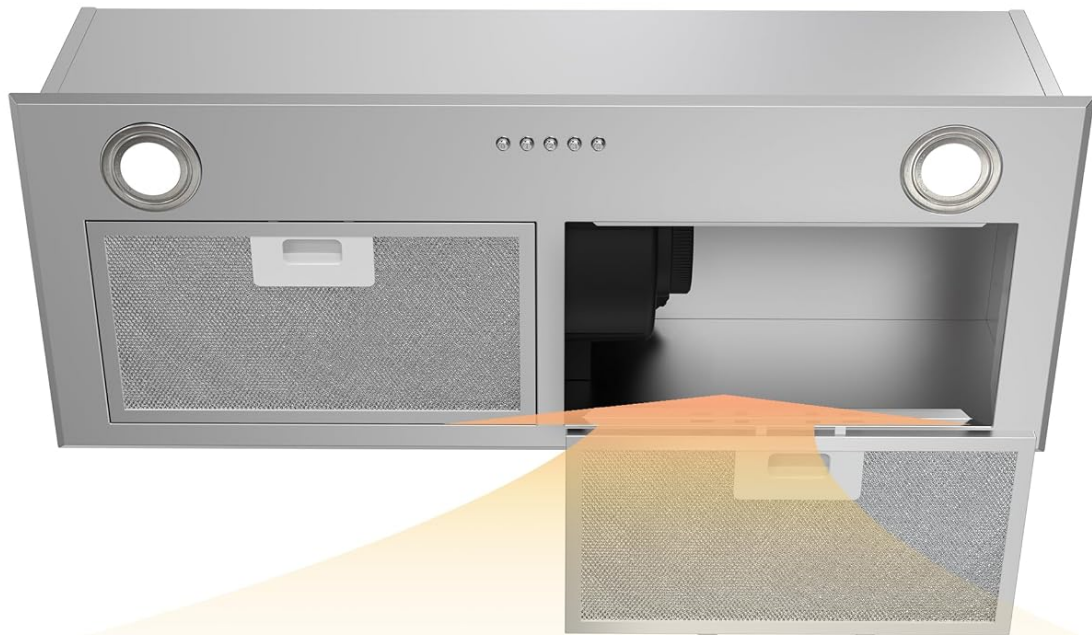
Replacing Charcoal Filters (Ductless Mode Only)

If operating in ductless mode, the CC110 charcoal filters absorb odors and should be replaced periodically.

- **Frequency:** Replace charcoal filters every 3-6 months, or more frequently depending on usage.
- **Removal:** Remove the aluminum grease filters first. Twist the charcoal filters counter-clockwise to detach them from the motor housing.
- **Installation:** Place new charcoal filters onto the motor housing and twist clockwise to secure. Reinstall aluminum grease filters.

Package Include

Please remove the aluminum filters and take out the accessories



Charcoal Filter
Model No.: CC110



Dampers



Screw Pack



Installation Draft



Manual



Plug Cord

Image: A pair of CC110 charcoal filters, used for odor absorption in ductless range hood installations.

Exterior Cleaning

Clean the exterior of the range hood with a soft cloth and mild, non-abrasive detergent. Avoid using harsh chemicals or abrasive cleaners that could damage the stainless steel finish.

TROUBLESHOOTING

If you encounter issues with your range hood, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not operate.	No power supply; Motor malfunction; Control panel issue.	Check power connection and circuit breaker. Contact customer support if power is present but fan does not operate.
Lights do not work.	LED bulb failure; Wiring issue.	Ensure power is connected. Contact customer support for LED replacement or wiring inspection.

Problem	Possible Cause	Solution
Poor suction performance.	Clogged grease filters; Incorrect fan speed; Obstruction in ductwork (ducted mode); Saturated charcoal filters (ductless mode).	Clean or replace grease filters. Select a higher fan speed. Check ductwork for obstructions. Replace charcoal filters if in ductless mode.
Excessive noise.	Loose components; Motor issue; Improper installation.	Ensure all components are securely fastened. Contact customer support if noise persists.

SPECIFICATIONS

Feature	Detail
Model Number	FGS-USB22Y72AC
Air Flow Capacity	450 Cubic Feet Per Minute (CFM)
Material	Stainless Steel
Noise Level	50 dB
Mounting Type	Insert Mount
Controls Type	Push Button
Voltage	120 Volts
Number of Speeds	3
Light Source Type	LED (2 x 1.5W)
Wattage	88 watts
Filter Type	Mesh (Aluminum)
Ventilation Type	Convertible (Ducted/Ductless)
Product Dimensions (D x W x H)	11.46 x 28.54 x 6.69 inches
Item Weight	16 pounds

WARRANTY AND SUPPORT

For any questions regarding your FIREGAS range hood, including installation, operation, or troubleshooting, please contact our customer service. While specific warranty details are not provided in this manual, please refer to your purchase documentation or contact the seller for warranty information.

Contact Information: Please refer to the contact details provided with your purchase or on the official FIREGAS website.

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.

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Question

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Details

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

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