

- Manuals.plus /
- > FIREGAS /
- > FIREGAS Under Cabinet Range Hood 30 inch, Ducted/Ductless Convertible Instruction Manual

FIREGAS FGS-USF22A75AC

FIREGAS Under Cabinet Range Hood 30 inch

Model: FGS-USF22A75AC | Brand: FIREGAS

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your FIREGAS Under Cabinet Range Hood. Please read these instructions thoroughly before installation and use, and retain them for future reference.



Figure 1: FIREGAS 30-inch Under Cabinet Range Hood with charcoal filter.

2. SAFETY INFORMATION

Always follow basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury to

persons.

- Ensure the power supply is off before installing or servicing the range hood.
- Installation must be performed by a qualified technician in accordance with all local codes and standards.
- 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.
- Do not put aluminum filters in the dishwasher. Hand wash only to prevent damage.
- Remove the blue protective film from all stainless steel surfaces before installation.

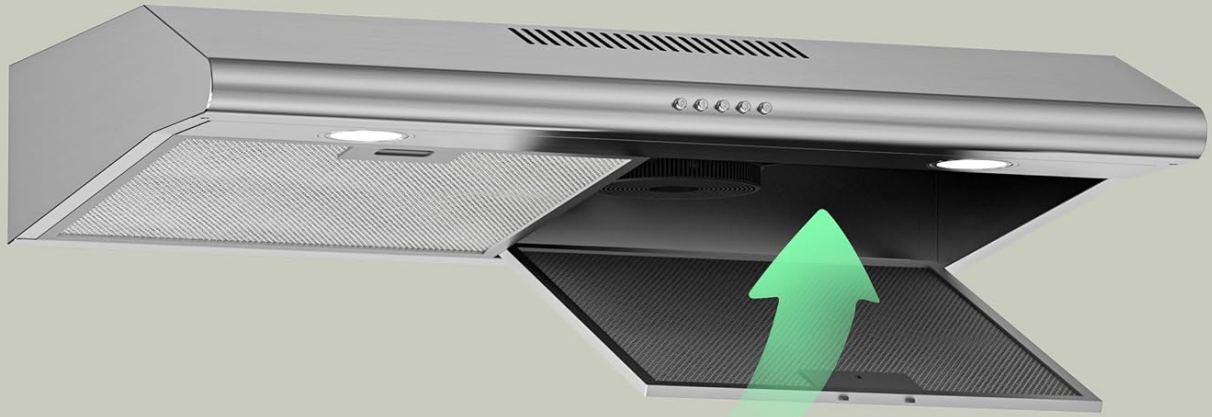
3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- FIREGAS Under Cabinet Range Hood (Main Unit)
- Charcoal Filter (CC170)
- 2 x 3-Layer Aluminum Mesh Filters
- LED Lights (pre-installed)
- 3-Prong Power Plug (pre-attached)
- Mounting Kit (screws, anchors)
- Vent Cover
- Air Outlet
- Dampers
- Square to Round Outlet Adaptor
- Instruction Manual
- Installation Draft/Template

Package Include

The accessory is located inside the range hood.
Remove the aluminum filters to take out the accessory



Charcoal Filter:
CC170



Vent Cover



Air Outlet



Dampers



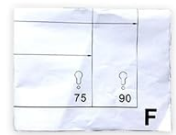
Square to round
outlet adaptor



Screws



Manual



Installation Draft

Figure 2: All components included in the FIREGAS Range Hood package.

4. SPECIFICATIONS

Feature	Specification
Model Number	FGS-USF22A75AC
Dimensions (W x D x H)	29.5 x 19.5 x 5.3 inches
Material	Stainless Steel (430-grade)
Air Flow Capacity	200 CFM (Max 300 CFM stated in feature bullets)
Noise Level	Less than 54dB at high speed

Number of Speeds	3
Lighting	2 x 1.5W LED
Filter Type	3-Layer Aluminum Mesh, Charcoal Filter (CC170)
Controls Type	Push Button
Ventilation Type	Ducted/Ductless Convertible
Electrical Requirements	120V/60Hz

Dimension

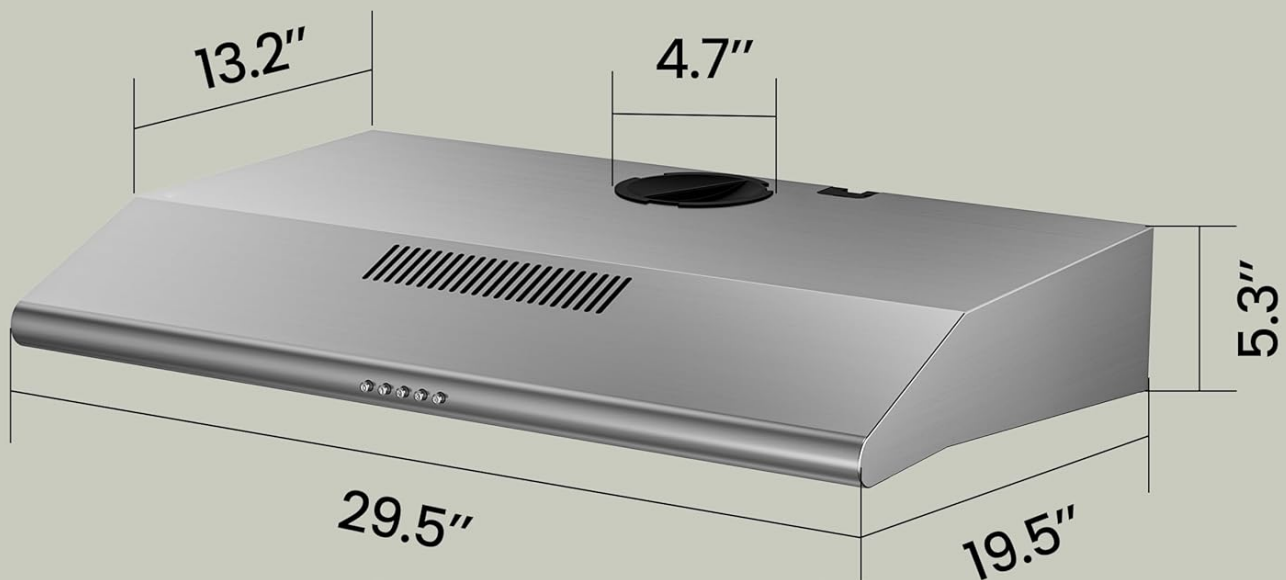


Figure 3: Range Hood Dimensions and Recommended Installation Height (27-30 inches above cooktop).

5. INSTALLATION

5.1 Ducted vs. Ductless Configuration

This range hood is convertible for both ducted (exhausting air outside) and ductless (recirculating filtered air back into the kitchen) operation. A charcoal filter (CC170) is included for ductless use.



Figure 4: Ducted Mode (left) and Recirculation Mode (right) with charcoal filter.

5.2 Mounting Options

The unit can be installed under a cabinet or against a wall. Multiple mounting holes are provided for flexible installation. An installation template is included to assist with precise placement.



Figure 5: Under Cabinet Mount (left) and Wall Mount (right) installation examples.

5.3 Required Tools and Materials

- Pencil
- Measuring Tape
- Hammer
- Screwdriver or Drill
- Level
- Aluminum Duct Tape (for ducted installation)

5.4 Installation Video Guide

For a visual step-by-step guide on installation, please refer to the official video below:

Video 1: Official installation guide for the FIREGAS Under Cabinet Range Hood.

5.5 Removing Protective Film

Before final installation, carefully peel off the blue protective film from all stainless steel surfaces to reveal the brushed finish.



Figure 6: Removing the blue protective film from the range hood.

6. OPERATION

6.1 Controls

The range hood features user-friendly push-button controls located on the front panel for easy access.



Figure 7: User-friendly push-button controls for fan speed and lighting.

6.2 Fan Speeds

Select from three fan speeds (Low, Medium, High) to match your cooking needs. The powerful exhaust fan effectively removes smoke and odors.

3 Speed Control

Choose the perfect airflow for your cooking style



Figure 8: Choose the appropriate fan speed for different cooking styles.

6.3 LED Lighting

Activate the two 1.5W LED lights to illuminate your cooking area, providing clear visibility.

Bright LED Lighting

Illuminate your cooking area clearly



Figure 9: Bright LED lighting for enhanced cooking visibility.

7. MAINTENANCE

7.1 Aluminum Mesh Filters

The 3-layer aluminum mesh filters are designed to capture grease and fumes efficiently. They are reusable and dishwasher safe for easy cleaning. To remove, simply pull the tabs on the filters.

3-Layer Aluminum Filters

Capture grease and fumes
for a cleaner kitchen environment



Figure 10: Removing the aluminum mesh filters for cleaning.

7.2 Charcoal Filter (for Ductless Mode)

If operating in ductless mode, the charcoal filter (CC170) helps to purify the air before recirculating it. Replace the charcoal filter periodically based on usage to maintain optimal performance.

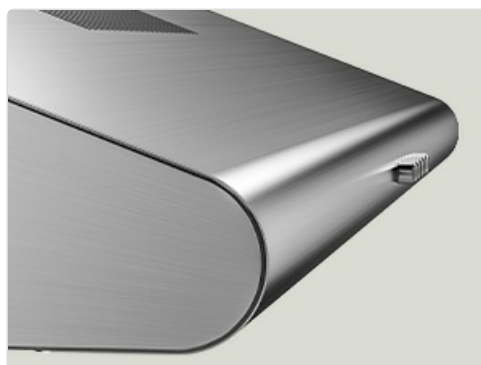


Figure 11: Charcoal filter for air purification in recirculation mode.

7.3 Exterior Cleaning

The brushed stainless steel surface is sleek and easy to clean. Use a soft cloth and mild detergent to wipe down the exterior regularly.

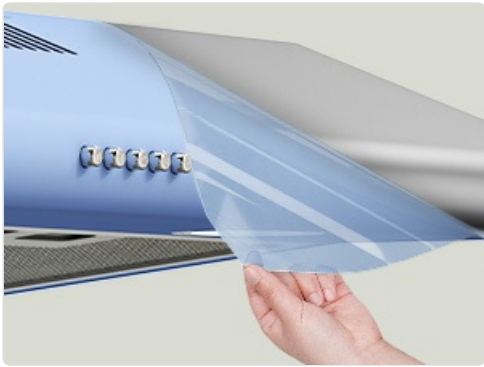


Figure 12: Cleaning the exterior of the range hood.

8. TROUBLESHOOTING

If you encounter any issues with your range hood, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fan does not turn on	No power supply, fan switch off, motor issue	Check power connection, ensure switch is on, contact customer support if motor is faulty.
Lights do not turn on	Light switch off, LED bulb faulty	Ensure light switch is on, contact customer support for bulb replacement.
Poor suction performance	Clogged filters, improper installation height, duct obstruction	Clean or replace filters, verify installation height (27-30 inches above cooktop), check for duct blockages.

9. WARRANTY AND SUPPORT

Your FIREGAS Under Cabinet Range Hood comes with a 1-Year Limited Warranty on the motor. For technical assistance or warranty claims, please contact our customer support team.

Contact information for support is typically found in the included instruction manual or on the manufacturer's official 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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