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FIREGAS FGS-USD66Y90AC

FIREGAS Range Hood User Manual

Model: FGS-USD66Y90AC | Brand: FIREGAS

1. INTRODUCTION

Thank you for choosing the FIREGAS 36-inch Wall Mount Range Hood. This appliance is designed to effectively remove smoke, grease, and odors from your cooking area, ensuring a fresh and clean kitchen environment. This manual provides essential information for the safe installation, operation, and maintenance of your range hood. Please read it thoroughly before use and retain it for future reference.



Image 1.1: Front view of the FIREGAS 36-inch Stainless Steel Range Hood, showcasing its sleek design and included charcoal filters.

2. IMPORTANT SAFETY INFORMATION

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

- Read all instructions before operating the range hood.
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases through the chimney of fuel-burning equipment to prevent back-drafting.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Ducted fans must always be vented to the outdoors.
- Do not use this unit with any solid-state speed control device.
- Clean grease filters frequently. Grease should not be allowed to accumulate on fan or filter.
- Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite.
- Always turn hood ON when cooking at high heat or when flaming foods.

- Use appropriate size cookware.

3. WHAT'S IN THE BOX

Verify that all components are present and undamaged upon unpacking:

- 36 inch Range Hood in stainless steel
- 3-Prong Plug
- Air damper
- Screw pack
- CC110 Charcoal filter (for ductless installation)
- Grease filter
- Aluminum flexible duct (for ducted installation)
- Chimney (upper and lower sections)
- Mounting bracket
- User manual
- Installation template



Image 3.1: An illustration showing all components included in the FIREGAS Range Hood package, such as filters, ducts, chimney parts, and hardware.

4. SETUP AND INSTALLATION

The FIREGAS range hood offers versatile installation options, supporting both ducted and ductless configurations. Ensure you have the necessary tools and follow local building codes.

4.1 Installation Options

Ducted Installation: For optimal ventilation, connect the range hood to an external duct system. This method expels cooking fumes and odors directly outside your home.

Ductless (Recirculating) Installation: If external venting is not possible, the range hood can be used in a ductless configuration. This requires the included CC110 charcoal filters, which purify the air before recirculating it back into the kitchen.

Whisper- Quiet Operation

Enjoy a serene kitchen with noise levels as low as **45** dB



Image 4.1: Visual representation of ducted installation (left) with an aluminum flexible duct, and ductless installation (right) utilizing charcoal filters for air recirculation.

4.2 Dimensions and Placement

The range hood is designed for wall mounting. The adjustable chimney allows for perfect height adjustments, fitting ceilings between 7.5 and 8.5 feet. Refer to the provided installation template for precise mounting points.

User-Friendly Control

Easily adjust fan speed and lighting with just a push of a button



Image 4.2: A diagram illustrating the key dimensions of the range hood, including its width (35.24 inches), depth (18.31 inches), and adjustable chimney height range (22.56 - 36.34 inches).

5. OPERATING INSTRUCTIONS

The FIREGAS range hood features user-friendly push-button controls for easy operation of fan speeds and lighting.

5.1 Control Panel

The control panel is located on the front of the hood and consists of intuitive push buttons:

- **On/Off Button (0):** Powers the unit on or off.
- **Low Speed Button:** Activates the fan at a low setting, ideal for light cooking or simmering.
- **Medium Speed Button:** Activates the fan at a medium setting, suitable for general cooking.
- **High Speed Button:** Activates the fan at a high setting, recommended for heavy cooking, frying, or strong odors.
- **Light Button:** Turns the LED lights on or off.



Power cord length
39.37 in



Air outlet diameter
5.91 in



Dimensions

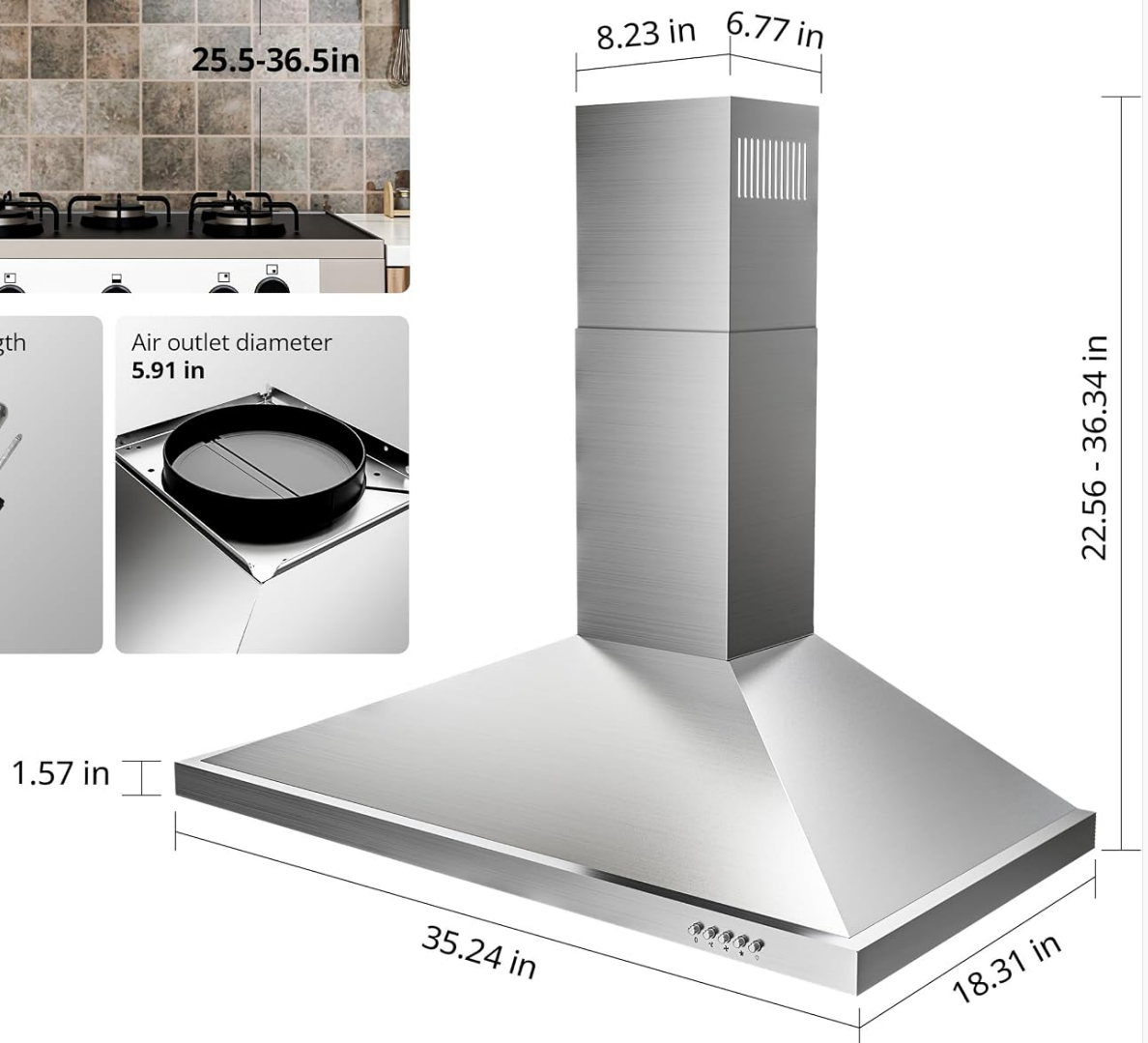


Image 5.1: A detailed view of the range hood's control panel, showing the five push buttons for power, three fan speeds, and lighting.

5.2 Fan Speed Selection

Select the appropriate fan speed based on your cooking needs:

- **Low Speed (45 dB):** For minimal smoke and odors, such as boiling water or light simmering.
- **Medium Speed:** For moderate cooking activities, like sautéing.
- **High Speed (58 dB max):** For heavy cooking, frying, or when significant smoke and odors are present. The powerful 450 CFM airflow ensures effective removal.



Powerful Suction Performance

Say goodbye to lingering odors and smoke with **450CFM** of extraction

Image 5.2: The range hood in operation, demonstrating its powerful suction performance by clearing steam from pots on a stove.

5.3 LED Lighting

The range hood is equipped with 2 x 1.5 Watt LED lights, providing soft, warm illumination for your cooking surface. These lights are energy-saving and long-lasting.



Image 5.3: A close-up view highlighting the integrated LED lights, which provide bright and energy-efficient illumination for the stovetop.

6. MAINTENANCE

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

6.1 Cleaning the Grease Filters

The 5-layer aluminum mesh filters capture grease and airborne particles. For best performance, clean the grease filters regularly (e.g., monthly or as needed). They can be washed by hand with hot soapy water or in a dishwasher.

- To remove: Push the latch on the filter and pull downwards.
- To reinstall: Align the filter with the slots and push upwards until it clicks into place.

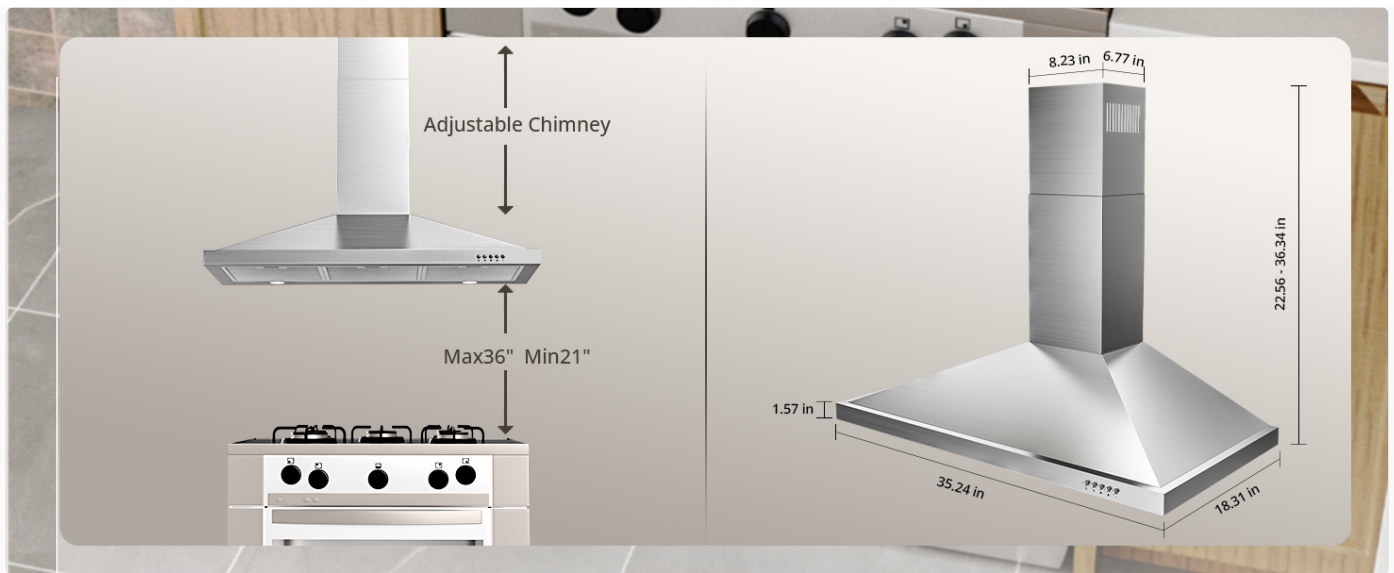


Image 6.1: A detailed view of the 5-layer aluminum mesh filter, designed to capture up to 95% of grease and airborne particles.

6.2 Replacing Charcoal Filters (Ductless Mode)

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). These filters are not washable.

- To replace: Remove the grease filters first. Twist the charcoal filter to unlock and remove it. Install the new charcoal filter by twisting it into place.
- Replacement filters (model CC110) can be found by searching for B08GZC6172 on Amazon.

6.3 Exterior Cleaning

Clean the stainless steel exterior with a soft cloth and a non-abrasive stainless steel cleaner. Avoid harsh chemicals or abrasive pads that could scratch the surface.

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Hood does not operate	No power supply; Power cord not plugged in; Circuit breaker tripped.	Check power connection; Reset circuit breaker.
Poor suction performance	Grease filters clogged; Ducting obstructed; Incorrect fan speed selected.	Clean or replace grease filters; Check ducting for obstructions; Increase fan speed.
Excessive noise	Loose parts; Obstruction in fan; Improper installation.	Check for loose screws; Remove any obstructions; Ensure proper installation.
Lights not working	LED bulb failure; Electrical connection issue.	Contact customer support for LED replacement; Check electrical connections.

8. SPECIFICATIONS

Feature	Specification
Model Number	FGS-USD66Y90AC
Material	Stainless Steel, Aluminum
Noise Level	45 dB (min) to 58 dB (max)
Mounting Type	Wall Mount
Voltage	120 Volts
Number of Speeds	3
Light Source Type	LED (2 x 1.5 Watts)
Wattage	85 watts
Filter Type	Mesh (Grease), Charcoal (Ductless)
Frequency	60 Hz
Ventilation Type	Convertible (Ducted/Ductless)
Airflow Displacement	450 Cubic Feet Per Minute (CFM)
Product Dimensions (D x W x H)	18.3" x 35.2" x 37.9"
Item Weight	23.5 pounds
Adjustable Chimney Height	15.75 - 29.53 inches (fits 7.5-8.5ft ceiling)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact the manufacturer, FIREGAS, or the seller, Firegas Kitchen Appliances Direct, through the platform where the product was purchased. Please have your model number (FGS-USD66Y90AC) and purchase details ready when contacting support.

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