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FIREGAS FGS-UBD15D675CC

FIREGAS Black 30-inch Convertible Wall Mount Range Hood Instruction Manual

Model: FGS-UBD15D675CC

1. Introduction

This manual provides essential information for the safe installation, operation, and maintenance of your FIREGAS Black 30-inch Convertible Wall Mount Range Hood, Model FGS-UBD15D675CC. Please read these instructions thoroughly before installation and use, and retain them for future reference.

Important Safety Information

- 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 adequate ventilation in the room when the range hood is used simultaneously with gas-burning appliances.
- Do not flambé under the range hood.
- Clean grease filters regularly to prevent grease fires.

2. Product Features

The FIREGAS FGS-UBD15D675CC range hood is designed for efficient kitchen ventilation with advanced features:

- **Brushless DC Motor:** Offers high efficiency, quiet operation (54 dB), and energy savings compared to traditional AC motors.
- **450 CFM Airflow:** Provides strong suction to effectively remove smoke, odors, and grease.
- **9-Speed Fan:** Adjustable fan speeds to suit various cooking requirements.
- **Convertible Ventilation:** Supports both ducted (external venting) and ductless (recirculation with included charcoal filters) configurations.
- **Soft Touch Controls:** Intuitive and responsive control panel for easy operation.
- **LED Lighting:** Two 1.5W LED lamps illuminate the cooking surface, providing clear visibility and energy efficiency.
- **Durable Construction:** Made from food-grade, non-rusting 430 stainless steel for longevity and easy cleaning.

- **Dishwasher-Safe Baffle Filters:** Two removable stainless steel baffle filters efficiently capture grease and are easy to clean.



Figure 2.1: Front view of the FIREGAS Black 30-inch Wall Mount Range Hood.



Figure 2.2: Illustration of the 450 CFM powerful airflow and 9-speed exhaust fan with brushless DC motor.

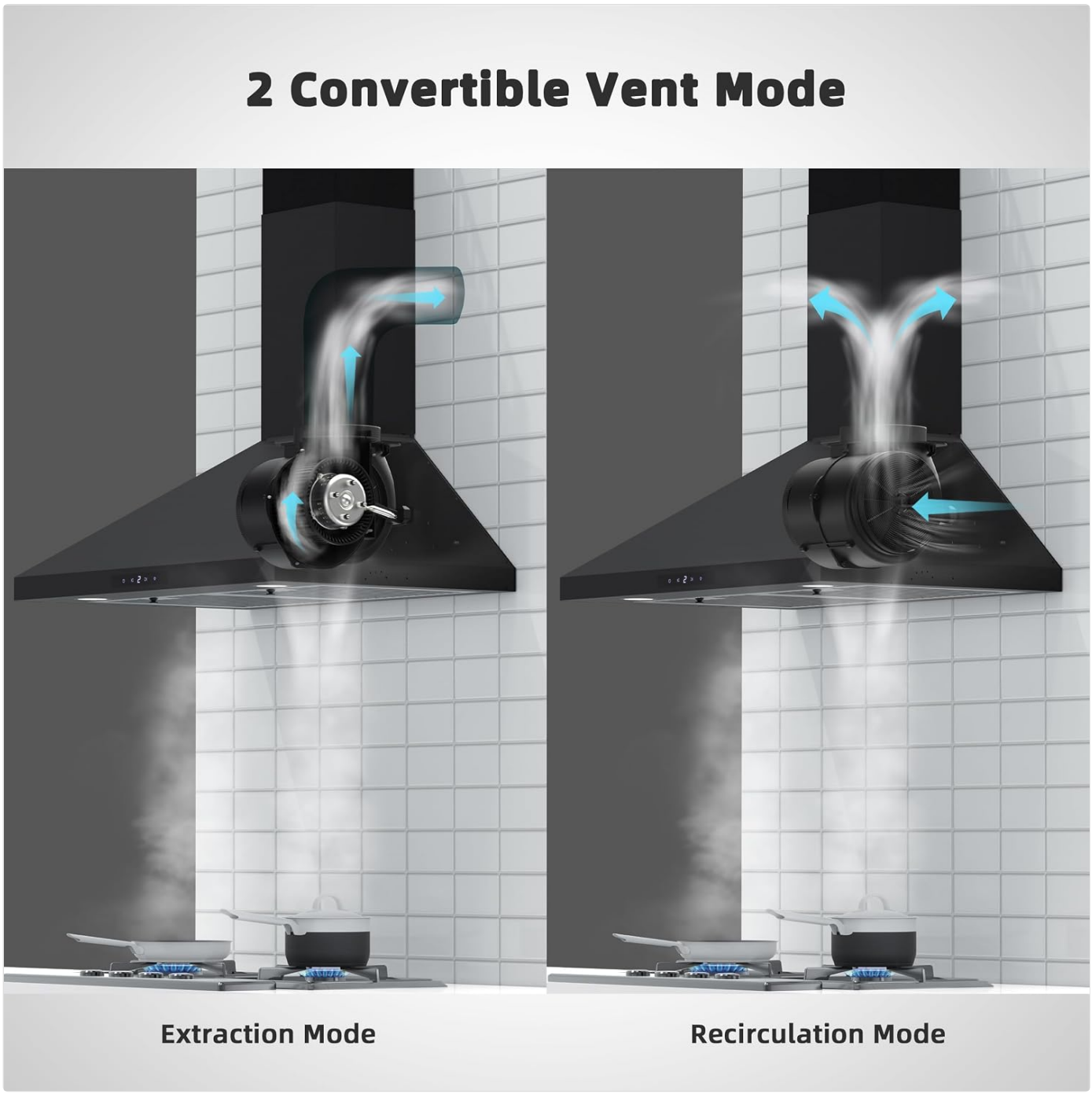


Figure 2.3: Depiction of the two convertible vent modes: Extraction Mode (ducted) and Recirculation Mode (ductless).

3. Package Contents

Verify that all components are present and undamaged upon unpacking. If any items are missing or damaged, contact customer support immediately.

- Range Hood Unit
- Upper Chimney
- Lower Chimney
- Mounting Bracket
- Duct Pipe
- C110 Charcoal Filters (for ductless operation)
- Stainless Steel Permanent Baffle Filters

- 3-Prong Plug
- Mounting Kit (screws, wall anchors)
- User Manual



Figure 3.1: All components included in the product package.

4. Setup and Installation

Proper installation is crucial for the performance and safety of your range hood. Refer to the detailed installation guide included in your package for specific instructions and diagrams.

Pre-Installation Considerations:

- **Power Supply:** Ensure a dedicated 120V electrical outlet is available within reach of the power cord.
- **Wall Structure:** The mounting wall must be capable of supporting the weight of the range hood. Reinforcement may

be necessary.

- **Ducting:** Decide between ducted (external exhaust) or ductless (recirculation) operation. For ducted, ensure proper ductwork is in place.
- **Ceiling Height:** The adjustable chimneys are designed to fit ceilings between 7.5 to 8.5 feet. An optional extension chimney (FGS-TD24B-ZST, sold separately) is available for 9-10 ft ceilings.

General Installation Steps:

1. Mark the mounting points on the wall according to the provided template.
2. Install the wall mounting bracket securely.
3. Mount the range hood body onto the bracket.
4. Connect the ductwork (for ducted mode) or install charcoal filters (for ductless mode).
5. Install the upper and lower chimney sections, adjusting their height as needed.
6. Connect the power cord to the electrical outlet.



Figure 4.1: Dimensions and adjustable chimney height for wall mount installation.

5. Operating Instructions

The range hood features soft touch controls for easy operation.

Control Panel Functions:

- **Power Button:** Press to turn the fan on or off.
- **Fan Speed Buttons (+/-):** Adjust the fan speed from 1 (lowest) to 9 (highest) to match cooking intensity.
- **Light Button:** Press to turn the LED lights on or off. A long press may activate a dimming function if available.
- **Time Delay Button:** Activates a delay shutdown feature, allowing the fan to run for a set period after cooking to clear residual odors. Refer to the full manual for specific delay settings.



Figure 5.1: Key operational features including LED lights and soft touch controls.

6. Maintenance

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

Exterior Cleaning:

- Clean the stainless steel surfaces regularly with a soft cloth and a mild, non-abrasive detergent.
- Avoid using abrasive cleaners, steel wool, or harsh chemicals, as these can damage the finish.

Baffle Filter Cleaning:

- The stainless steel baffle filters should be cleaned every 3-4 weeks, or more frequently depending on cooking habits.
- To remove, locate the release latches and gently pull down.
- Filters are dishwasher-safe. Alternatively, wash by hand with hot water and a degreasing detergent.
- Ensure filters are completely dry before reinstalling.

Charcoal Filter Replacement (Ductless Mode):

- For ductless operation, the C110 charcoal filters absorb odors and should be replaced every 3-6 months, depending on usage.
- Refer to the full manual for specific instructions on accessing and replacing charcoal filters.



Figure 6.1: Instructions for cleaning the baffle filters, including hand washing and dishwasher use.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Fan does not operate	No power supply; Circuit breaker tripped; Loose wiring connection	Check power cord connection; Reset circuit breaker; Consult a qualified electrician to check wiring.
Poor suction performance	Clogged grease filters; Obstructed ductwork; Incorrect installation height; Charcoal filters saturated (ductless mode)	Clean or replace grease filters; Check ductwork for obstructions; Verify installation height; Replace charcoal filters.
Excessive noise	Loose components; Improper fan installation; Ductwork issues; Foreign object in fan	Check for and tighten any loose screws; Ensure fan is securely mounted; Inspect ductwork for kinks or blockages; Disconnect power and carefully check for obstructions.
LED lights not working	No power; Loose connection; Faulty LED module	Check power supply; Ensure light connections are secure; Contact customer support for LED module replacement if necessary.

8. Specifications

Technical specifications for the FIREGAS FGS-UBD15D675CC Range Hood:

Specification	Value
Model Number	FGS-UBD15D675CC
Air Flow Capacity	450 Cubic Feet Per Minute (CFM)
Material	Stainless Steel
Noise Level	54 dB
Mounting Type	Wall Mount
Controls Type	Touch
Voltage	120 Volts
Number of Speeds	9
Item Weight	18 Pounds
Light Source Type	LED
Wattage	80 watts
Filter Type	Baffle
Ventilation Type	Convertible

Specification	Value
Product Dimensions (D x W x H)	19.7" x 29.3" x 40"

9. Warranty and Support

Your FIREGAS range hood is covered by a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For technical assistance, replacement parts, or warranty claims, please contact FIREGAS customer support. Keep your purchase receipt and model number (FGS-UBD15D675CC) readily available when contacting support.

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