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Charbroil 463638125

Charbroil Performance Series 2-Burner Gas Grill Cabinet User Manual

Model: 463638125

Introduction

This manual provides essential instructions for the safe assembly, operation, maintenance, and troubleshooting of your Charbroil Performance Series 2-Burner Gas Grill Cabinet, model 463638125. Please read this manual thoroughly before using your grill and retain it for future reference.



Figure 1: Front view of the Charbroil Performance Series 2-Burner Gas Grill Cabinet.

Setup and Assembly

Your Charbroil Performance Series Gas Grill requires assembly. Follow the instructions provided in the separate assembly guide included with your product. Ensure all components are present and undamaged before beginning assembly.

Key Assembly Steps:

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify against the parts list in your assembly guide.
2. **Assemble Cabinet and Frame:** Construct the main cabinet and frame, ensuring all connections are secure.
3. **Install Burners and Cooking System:** Place the burners and the FlavorMax cooking system components according to the diagrams.
4. **Attach Side Shelves:** Secure the folding side shelves to the main unit.

5. **Install Grates and Warming Rack:** Position the porcelain-coated grates and the swing-away warming rack.
6. **Connect Propane Tank:** Securely connect the propane tank within the closed storage cabinet. Ensure all gas connections are tight and leak-free.
7. **Perform Leak Test:** Before first use, perform a leak test on all gas connections using a soap and water solution.



Figure 2: Key features of the Charbroil Performance Series Gas Grill.

Operating Instructions

The Charbroil Performance Series grill offers versatile cooking options, including grilling, griddling, and charcoal cooking with appropriate accessories.

1. Gas Grilling

1. **Pre-heating:** Open the grill lid. Turn on the gas supply at the propane tank. Push and turn a control knob to the HIGH position. Press the electronic ignition button until the burner ignites. Repeat for other burners. Close the lid

and preheat for 10-15 minutes.

2. **Cooking:** Place food on the porcelain-coated grates. Adjust burner controls to achieve desired cooking temperature. The FlavorMax cooking system ensures even heat distribution and reduces flare-ups.
3. **Warming Rack:** Utilize the 85-square-inch swing-away warming rack for indirect cooking or keeping food warm.
4. **Folding Side Shelf:** Use the folding side shelf for food preparation or to hold grilling tools. Fold it down for compact storage.



Figure 3: Grilling various foods on the main cooking surface.

2. Griddle Cooking (Accessory Required)

To use the griddle function, a compatible griddle insert accessory is required. Place the griddle insert directly on top of the cooking grates. Allow it to preheat thoroughly before adding food. This allows for cooking items like smash burgers, stir-fries, or breakfast foods.

3. Charcoal Cooking (Accessory Required)

For charcoal cooking, the patented Gas2Coal charcoal tray accessory is needed. Place charcoal briquettes into the tray(s) and position them on the grill. Use the gas burners to ignite the charcoal. Once the charcoal is fully coaled over, turn off the gas burners and cook over the charcoal for a distinct smoky flavor.

Video 1: Official Charbroil video demonstrating the versatility and features of Charbroil grills, including the FlavorMax system and various cooking methods.

Maintenance and Care

Regular maintenance ensures the longevity and optimal performance of your grill.

Cleaning the Grill:

- **Cooking Grates:** After each use, while the grates are still warm, brush off any food residue with a grill brush. For deeper cleaning, remove grates and wash with warm, soapy water.
- **FlavorMax System:** Periodically inspect and clean the heat tents and burner covers to prevent grease buildup and ensure proper heat distribution.
- **Grease Tray:** Regularly empty and clean the grease tray to prevent grease fires.
- **Exterior Surfaces:** Wipe down stainless steel surfaces with a stainless steel cleaner to maintain shine and prevent corrosion.

Charcoal Tray Cleanup (if applicable):

If using the Gas2Coal charcoal tray, allow ashes to cool completely. Lift the tray out of the firebox and dispose of the ashes in a non-combustible container. This design simplifies charcoal cleanup.

Storage:

When not in use, store the grill in a dry, protected area. Consider using a grill cover to protect it from the elements. The closed storage cabinet can be used to store grilling tools and the propane tank.

Troubleshooting

If you encounter issues with your grill, refer to the following common troubleshooting tips. For more detailed assistance, consult the full product manual or contact customer support.

- **Burner Not Igniting:** Check if the gas supply is open at the tank. Ensure the electronic igniter is clicking and producing a spark. Verify that the burner ports are not clogged.
- **Uneven Heat:** Clean the FlavorMax heat tents and burner ports to ensure even gas flow.
- **Low Heat Output:** Check for a low propane tank level. Ensure the regulator is not in bypass mode (reset by turning off tank, disconnecting, waiting 30 seconds, reconnecting, and slowly opening tank valve).
- **Flare-ups:** Excessive flare-ups can be caused by grease buildup. Clean the cooking grates and grease tray regularly. Trim excess fat from meats before grilling.

Specifications

Feature	Detail
Brand	Charbroil

Model Name	Charbroil Performance Series 2-Burner Gas Grill
Model Number	463638125
Product Dimensions (D x W x H)	45"D x 22"W x 35"H
Item Weight	45.36 Kilograms
Color	Stainless Steel
Fuel Type	Gas (Propane)
Main Burner Count	2
Heating Power	19800 British Thermal Units
Cooking System	FlavorMax
Cooking Surface Area	310 Square Inches
Special Features	Fire Resistant, Heat-Resistant Handle, Heavy Duty, Rust Resistant, Storage Rack, Superior Heat Retention
Required Assembly	Yes
Installation Type	Free Standing
Material Type	Carbon Steel (grates), Stainless Steel (frame, handle)



Figure 4: Dimensions and weight of the grill.

Warranty Information

This Charbroil Performance Series Gas Grill comes with a**2-Year Warranty**. For specific terms, conditions, and to register your product, please refer to the warranty card included in your product packaging or visit the official Charbroil website.

Customer Support

For further assistance, parts, or service, please contact Charbroil Customer Support:

- **Website:** www.charbroil.com
- **Phone:** Refer to the contact information provided in your product packaging for regional support numbers.

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