Charbroil 463436215

Char-Broil Classic 4-Burner Gas Grill with Side Burner (Model 463436215) Instruction Manual

This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your Char-Broil Classic 4-Burner Gas Grill with Side Burner.

Introduction

Thank you for choosing the Char-Broil Classic 4-Burner Gas Grill. This grill is designed for outdoor cooking, featuring four main burners and a side burner for versatile meal preparation. Please read this manual thoroughly before assembly and use to ensure safe and efficient operation.



Image: Front view of the Char-Broil Classic 4-Burner Gas Grill with its lid closed, showcasing the stainless steel finish and side shelves.

Your browser does not support the video tag.

Video: This video provides an overview of the Char-Broil Classic 4-Burner Gas Grill, highlighting its key features and benefits, including even heat, easy cleaning, electronic ignition, and warranty information.

Important Safety Information

Always follow these safety guidelines to prevent injury or property damage:

- **Outdoor Use Only:** This grill is for outdoor use only. Never operate it in an enclosed area.
- **Clearance:** Maintain a minimum distance of 10 feet from combustible materials.
- **Ventilation:** Ensure adequate ventilation around the grill.
- **Leak Test:** Always perform a leak test on all gas connections before initial use and after any gas cylinder change.
- **Children and Pets:** Keep children and pets away from the hot grill.
- **Hot Surfaces:** Use heat-resistant gloves when handling hot grill components.
- **Grease Fires:** Do not leave the grill unattended. In case of a grease fire, turn off the gas supply and keep the lid closed until the fire extinguishes. Do not use water.

Setup and Assembly

The Char-Broil Classic 4-Burner Gas Grill requires assembly. Follow the detailed instructions provided in the separate

assembly guide included with your product. Ensure all components are present and undamaged before beginning assembly.

- **Unpacking:** Carefully remove all parts from the packaging and verify against the parts list.
- **Location:** Place the grill on a level, stable surface outdoors, away from combustible materials and in a well-ventilated area.
- **Gas Connection:** Connect the propane tank (not included) to the grill's regulator hose. Perform a leak test as per the assembly guide.
- **Burner Installation:** Ensure all burner tubes and heat tents are correctly installed and secured.
- **Grates:** Place the porcelain-coated cast iron cooking grates and the porcelain-coated swing-away rack into their designated positions.



Image: Top-down view of the Char-Broil grill's cooking grates and internal components, showing the layout of the cooking surface.

Operating Instructions

Lighting the Main Burners

1. Open the grill lid.
2. Ensure all burner control knobs are in the "OFF" position.
3. Turn on the gas supply at the propane tank.
4. Push and turn one main burner control knob to the "HIGH" position.
5. Press and hold the electronic ignition button until the burner ignites.
6. Once lit, release the ignition button.
7. Repeat for other main burners as needed.
8. Close the lid to preheat the grill to the desired temperature, monitoring with the lid-mounted temperature gauge.



Image: Close-up of the control panel with burner knobs and the electronic ignition button.

Lighting the Side Burner

1. Open the side burner lid.
2. Push and turn the side burner control knob to the "HIGH" position.

3. Press and hold the electronic ignition button until the side burner ignites.
4. Once lit, release the ignition button.

Cooking

Adjust burner controls to achieve desired cooking temperatures. The 480 square inches of primary cooking area and 180 square inches of secondary cooking area provide ample space for various foods.



Image: The Char-Broil grill in an outdoor setting, with food cooking on the grates and the side burner in use.

Shutting Down the Grill

1. Turn all burner control knobs to the "OFF" position.
2. Turn off the gas supply at the propane tank.

Maintenance

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

Regular Cleaning (After Each Use)

- **Burn off excess grease:** After cooking, turn burners to high for about 15 minutes with the lid closed to burn off food residue.
- **Clean grates:** Once cooled, clean the porcelain-coated cast iron grates with a wire grill brush.

Semi-Regular Cleaning (Periodically)

- **Turn off gas and remove grates:** Ensure the gas supply is off and the grill is cool. Remove cooking grates and the swing-away rack.
- **Clean emitters/burn covers:** Scrape off any build-up from the emitters or burn covers. For extra gritty areas,

soaking in soapy water before scrubbing can be beneficial.

- **Clean burner tubes:** Carefully remove burner tubes. Use a small tool to clean ports of build-up residue. Ensure all ports are clear for even flame distribution.
- **Reassembly:** Reinstall burner tubes, emitters/burn covers, and cooking grates.
- **Protect from rust:** After cleaning and reassembly, spray grates with a high-temperature cooking oil to protect them from rust.



Image: The grill with the lid and side burner open, showing the internal components like grates, emitters, and burner tubes, useful for cleaning reference.

Exterior Care

- Keep the exterior surfaces clean. Wipe down stainless steel surfaces with a suitable cleaner.
- **Grill Cover:** Protect your grill from the elements with a rugged grill cover when not in use.

Troubleshooting

This section addresses common issues you might encounter with your gas grill.

Problem	Possible Cause	Solution
Burner fails to light	No gas flow, clogged burner ports, faulty igniter.	Check propane tank, ensure gas valve is open. Clean burner ports. Check igniter electrode and wire connection.
Uneven heating	Clogged burner ports, uneven flame.	Clean burner ports. Ensure burner tubes are correctly positioned.
Yellow or orange flame	Improper air/gas mixture, spider webs in burner tubes.	Clean burner tubes and air shutters.
Gas odor	Gas leak.	Immediately turn off gas. Perform a leak test with soapy water. Do not use the grill if a leak is detected.

Specifications

- **Model Name:** 463436215
- **Brand:** Charbroil
- **Product Dimensions:** 21"D x 56"W x 45.5"H
- **Fuel Type:** Gas (Propane)
- **Main Burner Count:** 4
- **Side Burner Count:** 1
- **Primary Cooking Area:** 480 square inches
- **Secondary Cooking Area:** 180 square inches
- **Total Cooking Surface Area:** 665 Square Inches
- **Main Burner BTU:** 40,000 BTU
- **Side Burner BTU:** 10,000 BTU
- **Ignition System:** Electronic
- **Grate Material:** Porcelain-coated cast iron
- **Lid/Handle/Control Panel/Fascia Material:** Stainless Steel
- **Item Weight:** 47.17 Kilograms
- **Assembly Required:** Yes



Image: Diagram showing the dimensions of the Char-Broil Classic 4-Burner Gas Grill: 56 inches wide, 21 inches deep, and 45.5 inches high.

Warranty Information

Your Char-Broil Classic 4-Burner Gas Grill comes with the following warranty:

- **Burners:** 5 years from date of purchase
- **Firebox & Lid:** 2 years from date of purchase
- **All Other Parts:** 1 year from date of purchase

Please retain your proof of purchase for all warranty claims.

Customer Support

For further assistance, replacement parts, or warranty inquiries, please contact Char-Broil customer support. Refer to the contact information provided in your product packaging or visit the official Char-Broil website.

You can also visit the Charbroil Store on Amazon for more information.

Ask a question about this manual

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Example: How do I reset this device or fix this error?

Details

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

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