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Charbroil 463376018P2

Char-Broil Performance 475 4-Burner Cart Liquid Propane Gas Grill User Manual

Model: 463376018P2 | Brand: Charbroil

INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, maintenance, and troubleshooting of your Char-Broil Performance 475 4-Burner Cart Liquid Propane Gas Grill. Please read all instructions carefully before using your grill to ensure proper function and safety.

Key Features

- **4-Burner System:** Delivers 36,000-BTUs across 475 square inches of primary cooking space.
- **Side Burner:** A 10,000-BTU lidded side burner for preparing sauces or sides, with a fold-down lid for extra workspace.
- **Cooking Grates:** Durable, rust-resistant, porcelain-coated cast iron grates for heat retention and easy cleaning.
- **Electronic Ignition:** Ensures fast and reliable startups.
- **Temperature Gauge:** Lid-mounted gauge for monitoring internal grill temperature.
- **Removable Grease Pan:** Facilitates quick and simple cleaning.
- **Mobility:** Cart-style design with two stationary feet and two 7-inch wheels for easy movement and stability.



Figure 1: Char-Broil Performance 475 4-Burner Cart Liquid Propane Gas Grill with lid closed.

This grill is designed for outdoor use only and operates on liquid propane.

Important Safety Information

Failure to follow these safety instructions could result in fire, explosion, or burn hazard, which could cause property damage, personal injury, or death.

- **Outdoor Use Only:** Never operate this appliance indoors.
- **Propane Gas Only:** Use only liquid propane (LP) gas. Do not connect to a natural gas supply.
- **Leak Check:** Always perform a leak test on all gas connections before initial use and after any cylinder change.
- **Clearance:** Maintain a minimum distance of 10 feet (3 meters) from any combustible materials.
- **Ventilation:** Ensure adequate ventilation. Do not block the flow of combustion and ventilation air.
- **Children and Pets:** Keep children and pets away from the grill at all times.

- **Hot Surfaces:** The grill will be hot during and after use. Use heat-resistant gloves and appropriate tools.
- **LP Cylinder:** Store LP cylinders outdoors in a well-ventilated area, out of reach of children. Never store an LP cylinder in an enclosed area.

Setup and Assembly

The Char-Broil Performance 475 grill requires assembly. While the main grill part comes largely pre-assembled, some components will need to be attached. Refer to the included assembly guide for detailed, step-by-step instructions and diagrams. It is recommended to have a second person assist during certain steps of the assembly process.

Connecting the LP Gas Cylinder

1. Ensure the grill burner valves are in the OFF position.
2. Place the LP cylinder on the designated shelf or hook beneath the grill.
3. Connect the regulator hose to the LP cylinder valve. Turn the coupling nut clockwise until it is fully tightened. Do not overtighten.
4. Perform a leak test on all connections using a soapy water solution. Bubbles indicate a leak. If a leak is detected, tighten the connection or replace the part. Do not use the grill if a leak is present.



Figure 2: Assembled dimensions of the Char-Broil Performance 475 Gas Grill: 53.1 inches (W) x 25.8 inches (D) x 45 inches (H).

Operating Instructions

Lighting the Main Burners

1. Open the grill lid.
2. Ensure the LP cylinder valve is fully open.
3. Push and turn one main burner control knob to the HIGH position.
4. Immediately press and hold the electronic ignition button until the burner lights.
5. Once lit, release the ignition button. If the burner does not light within 5 seconds, turn the knob to OFF, wait 5 minutes, and repeat the process.
6. Repeat for other main burners as needed.

Using the Side Burner

1. Open the side burner lid.
2. Push and turn the side burner control knob to the HIGH position.
3. Immediately press and hold the electronic ignition button until the burner lights.
4. Once lit, release the ignition button. If the burner does not light within 5 seconds, turn the knob to OFF, wait 5 minutes, and repeat the process.

Temperature Control

The stainless steel burners can be easily adjusted to deliver high heat for searing or low temperatures for slow cooking. The lid-mounted temperature gauge allows you to monitor the internal temperature of your grill for precise cooking.



Figure 3: The grill with its lid open, revealing the porcelain-coated cast iron cooking grates and warming rack.



Figure 4: The Char-Broil Performance 475 Gas Grill in operation, cooking steaks, sausages, and vegetables.

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Video 1: An overview of the Char-Broil Performance Gas Grill features, including adjustable burners, electronic ignition, and heat retention grates.

Maintenance and Care

Regular cleaning and maintenance will extend the life of your grill and ensure optimal performance.

- **Cooking Grates:** The porcelain-coated cast iron grates are rust-resistant and easy to clean. After each use, once the grill

has cooled, use a grill brush to remove food residue. For deeper cleaning, wash with warm soapy water.

- **Grease Pan:** The removable grease pan should be emptied and cleaned regularly to prevent grease fires. Slide out the pan, dispose of accumulated grease, and wash with warm soapy water.
- **Exterior Surfaces:** Wipe stainless steel surfaces with a damp cloth and mild detergent. For black painted surfaces, use a damp cloth. Avoid abrasive cleaners that can scratch the finish.
- **Burners:** Periodically inspect burner ports for blockages (e.g., spider webs, food debris). Clean with a wire brush or a stiff wire if necessary.
- **Storage:** When not in use, especially during extended periods or inclement weather, cover the grill with a suitable grill cover to protect it from the elements.

Troubleshooting

If you encounter issues with your grill, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Burner fails to light with igniter	No gas flow; faulty igniter; clogged burner port.	Check LP cylinder connection and gas level. Ensure burner control knob is fully turned. Clean igniter electrode and burner ports.
Low heat or grill not getting hot enough	LP cylinder low; regulator bypass activated; clogged burner ports.	Replace LP cylinder if empty. Reset regulator by turning off all burners, closing LP tank valve, disconnecting regulator, waiting 30 seconds, reconnecting, and slowly opening LP tank valve. Clean burner ports.
Flare-ups	Excess grease buildup; high heat setting; fatty foods.	Clean grease pan and cooking grates regularly. Reduce heat setting. Trim excess fat from meats.
Uneven heating	Clogged burner ports; damaged heat tents.	Clean burner ports. Inspect and replace damaged heat tents if necessary.

If problems persist after attempting these solutions, please contact customer support.

Specifications

Feature	Detail
Brand	Charbroil
Model Number	463376018P2
Fuel Type	Liquid Propane (LP) Gas
Main Burner Count	4
Main Burner BTU	36,000 BTU
Side Burner Count	1
Side Burner BTU	10,000 BTU

Feature	Detail
Primary Cooking Area	475 sq inches
Secondary Cooking Area	175 sq inches (swing-away rack)
Total Cooking Area	650 sq inches
Grates Material	Porcelain-coated Cast Iron
Exterior Material	Stainless Steel (lid, handle, control panel), Black Steel (cart)
Dimensions (D x W x H)	25.8" x 53.1" x 45"
Item Weight	95.7 Pounds
Ignition Type	Electronic
Assembly Required	Yes

Warranty and Support

Warranty Information

This Char-Broil Performance 475 Gas Grill comes with a **90 Days Manufacturer Limited Warranty**. Please refer to the warranty card included with your product for specific terms, conditions, and registration details.

Customer Support

For technical assistance, replacement parts, or any questions regarding your grill, please contact Charbroil Customer Support. Contact information can typically be found on the manufacturer's website or in the documentation included with your product.

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