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› [Char-Broil Pro Series 2-Burner Propane Gas Grill and Griddle User Manual](#)

Char-Broil 463676724

Char-Broil Pro Series 2-Burner Propane Gas Grill and Griddle User Manual

Model: 463676724

INTRODUCTION

This manual provides essential information for the safe assembly, operation, and maintenance of your Char-Broil Pro Series 2-Burner Propane Gas Grill and Griddle. Please read this manual thoroughly before using your grill to ensure proper function and safety.



Figure 1: Front view of the Char-Broil Pro Series 2-Burner Gas Grill and Griddle.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when operating this appliance. Failure to do so may result in fire, explosion, or serious injury.

- **FOR OUTDOOR USE ONLY.** Do not operate this appliance indoors.
- Read all instructions before assembly and use.

- Keep children and pets away from the grill at all times.
- Ensure proper ventilation.
- Do not store or use gasoline or other flammable liquids or vapors in the vicinity of this or any other appliance.
- Always check for gas leaks before each use.
- Never leave the grill unattended while in use.

SETUP AND ASSEMBLY

Assembly of the Char-Broil Pro Series grill is required. Please refer to the included assembly guide for detailed step-by-step instructions and diagrams. Ensure all components are present before beginning assembly.

Unpacking and Inspection

1. Carefully remove all contents from the packaging.
2. Inspect all parts for damage. Do not assemble if damaged.
3. Verify all parts listed in the assembly guide are present.

Assembly Steps (Overview)

While detailed steps are in the separate assembly guide, the general process involves:

1. Attaching the base and casters.
2. Assembling the cabinet structure.
3. Installing the burner assembly and cooking grates.
4. Attaching side shelves and lid.
5. Connecting the propane tank (ensure proper leak testing).





Figure 2: Side view of the grill, showing the cabinet and folding side shelf.

OPERATING INSTRUCTIONS

Your Char-Broil Pro Series grill offers versatile cooking options, including traditional grilling and griddling.

Before First Use

- Perform a leak test on all gas connections.
- Season the griddle top if using for the first time (refer to griddle specific instructions).

Lighting the Grill

1. Open the grill lid.
2. Ensure all burner control knobs are in the "OFF" position.
3. Open the valve on the propane tank fully.
4. Push in and turn one burner control knob to the "HIGH" position.
5. Press the electronic igniter button repeatedly until the burner lights.
6. Once lit, turn on other burners as needed.

7. Close the lid to preheat the grill. The grill can reach 500°F in under 10 minutes.



Figure 3: Adjusting the burner control knob for precise temperature control.

Modular Cooking System

This grill features a modular cooking system allowing you to switch between grilling and griddling. The patented Gas2Coal charcoal tray (sold separately) also allows for charcoal grilling.



Figure 4: The griddle top in use, demonstrating its versatility for breakfast items.

Grilling with Amplifire Technology

The Amplifire cooking system utilizes an emitter plate to absorb and distribute heat evenly, reducing flare-ups and ensuring consistent temperatures across the 325 square inches of primary cooking surface. This technology helps lock in juices for more flavorful results.



Figure 5: Grilling various meats on the primary cooking surface, showcasing the even heat distribution.

Using the Griddle Top

The heavy-duty, 274-square-inch cold rolled steel griddle surface provides even heat for optimal cooking performance. It features a rear slot for excess grease and legs that allow it to hang from the griddle rail when not in use. To use, simply place the griddle top over the cooking grates.



GRIDDLE TOP

A heavy-duty, 284-square-inch cold rolled steel griddle surface delivers even heat for optimum cooking performance.

Figure 6: The griddle top, ready for use on the grill.

Folding Side Shelf

The oversized side shelf provides ample space for plates, tools, sauces, and rubs. It can be folded down for compact storage when not in use.



FOLDING SIDE SHELF

The oversized side shelf provides ample space to set plates, tools, sauces and rubs while you grill.

Figure 7: Demonstrating the folding side shelf feature for convenient storage.

CARE AND MAINTENANCE

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

- **Cleaning Cooking Grates:** After each use, brush off food residue from the porcelain-coated cast-iron grates. For stubborn residue, use warm soapy water.
- **Cleaning Griddle Top:** Allow the griddle to cool slightly, then scrape off food residue. Wipe clean with a paper towel. For thorough cleaning, use warm soapy water and re-season if necessary.
- **Exterior Cleaning:** Wipe exterior surfaces with a mild detergent and warm water. Avoid abrasive cleaners.
- **Grease Management:** Regularly empty and clean the grease tray to prevent flare-ups and maintain hygiene.
- **Burner Maintenance:** Periodically check burner ports for blockages (e.g., spider webs). Clean with a wire brush if necessary.

- **Storage:** Store the grill in a dry, protected area. If storing outdoors, use a grill cover. Disconnect the propane tank when storing for extended periods.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Burner fails to light	No gas flow, clogged burner, faulty igniter.	Check propane tank connection and level. Clean burner ports. Check igniter electrode.
Low flame or uneven heat	Low gas pressure, clogged burner, regulator issue.	Ensure tank valve is fully open. Clean burners. Reset regulator (turn off grill and tank, wait 30 seconds, reopen tank slowly).
Excessive flare-ups	Excess grease buildup, high heat setting, fatty food.	Clean grease tray and cooking surfaces. Reduce heat. Trim excess fat from food.
Gas odor	Gas leak.	IMMEDIATELY turn off gas. Perform a leak test. If odor persists, do not use and contact customer support.

For issues not listed here, or if solutions do not resolve the problem, please contact Char-Broil customer support.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Char-Broil
Model Name	Pro Series
Model Number	463676724
Product Dimensions	23.7"D x 41"W x 47.7"H
Item Weight	117 Pounds
Fuel Type	Gas (Propane)
Main Burner Count	2
Primary Cooking Surface Area	325 Square Inches
Griddle Surface Area	274 Square Inches
Warming Rack Area	111 Square Inches
BTU Rating	20,000 BTU
Material	Metal, Alloy Steel (Frame)
Color	Black
Assembly Required	Yes

Feature	Detail
Special Feature	Enclosed Cabinet, Modular Cooking System, Amplifire Technology

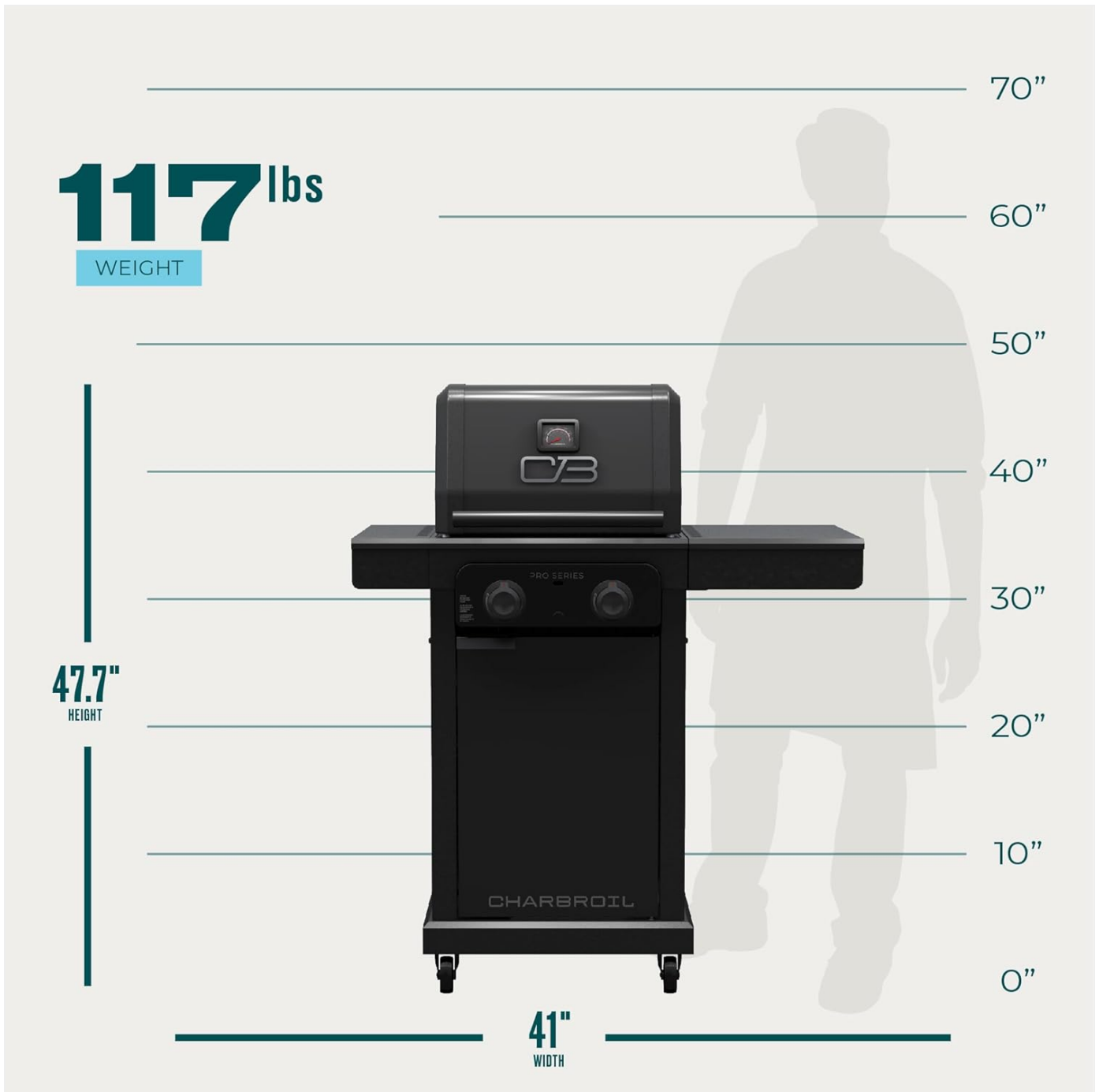


Figure 8: Key dimensions and weight of the grill.

WARRANTY INFORMATION

Char-Broil provides the following warranty for this product:

- **Burners:** 10 years
- **Firebox:** 3 years
- **All other parts:** 1 year

Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the official Char-Broil website or contact customer support.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or warranty inquiries, please contact Char-Broil customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

Visit the official Char-Broil Store for more information:[Char-Broil Store](#)

