Charbroil Advantage PRO S 4

Char-Broil Advantage PRO S 4 Gas Grill User Manual

Model: Advantage PRO S 4 (140977)

Introduction

Thank you for choosing the Char-Broil Advantage PRO S 4 Gas Grill. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new gas grill. Please read all instructions carefully before use to ensure optimal performance and safety.



This image shows the Char-Broil Advantage PRO S 4 gas grill from the front, with its stainless steel finish and closed lid. It features four main burners and a side burner.

Key Features:

- **TRU-Infrared Technology:** Ensures juicier grilling results and even heat distribution.
- **High-Performance Sear Burner:** Provides extra cooking power for intense searing at up to 900°C.
- **Efficient Stainless Steel Burners:** Designed for durability, consistent heat, and low gas consumption.
- **Chef's Delite System:** Offers versatility for various cooking methods beyond traditional grilling.
- **SureFire Electronic Ignition:** For safe and easy lighting of burners with a simple push.
- **GEAR TRAX Hooks:** Two integrated hooks for convenient organization of grilling tools.

Safety Information

Operating a gas grill requires adherence to strict safety guidelines. Failure to follow these instructions can result in fire, explosion, or serious injury.

- **Outdoor Use Only:** Never operate this grill indoors or in an enclosed area. Ensure adequate ventilation.
- **Gas Leaks:** Always check for gas leaks before each use. Use a soapy water solution; never use an open flame.
- **Clearance:** Maintain a minimum distance of 1 meter (3 feet) from combustible materials.
- **Children and Pets:** Keep children and pets away from the grill at all times.
- **Flammable Materials:** Do not store or use gasoline or other flammable liquids or vapors in the vicinity of this or any other appliance.
- **Hot Surfaces:** Grill surfaces become extremely hot during operation. Use heat-resistant gloves and appropriate tools.
- **Gas Cylinder:** Use only approved LP gas cylinders. Ensure the cylinder is properly secured and connected.
- **Ventilation:** Ensure the gas cylinder compartment is well-ventilated.

For detailed safety warnings and procedures, refer to the complete user manual provided with your product. A digital version may be available here.

Setup and Assembly

The Char-Broil Advantage PRO S 4 grill requires assembly. It is recommended to have two people for assembly. Ensure all parts are present before beginning. A detailed assembly guide is included with your product.



This image displays the spacious cabinet beneath the grill, designed to securely hold a gas cylinder and provide additional storage.

Key Assembly Steps:

1. Unpack all components and verify against the parts list.
2. Assemble the main cart structure, ensuring all fasteners are tightened securely.
3. Attach the side shelves and control panel.
4. Install the burners and cooking grates.
5. Connect the gas hose and regulator to the gas cylinder. Perform a leak test before first use.
6. The grill is equipped with wheels for easy movement. Ensure they are locked when the grill is in use or stored.

For step-by-step assembly instructions, please consult the detailed manual provided or visit the official Char-Broil support website.

Operating Instructions

Follow these steps for safe and effective operation of your Char-Broil Advantage PRO S 4 Gas Grill.



A close-up of the SureFire electronic ignition button, providing a safe and easy way to light the burners with a single push.

Lighting the Grill:

1. Ensure the gas cylinder valve is fully open.
2. Open the grill lid.
3. Push and turn one main burner control knob to the HIGH position.
4. Press the SureFire electronic ignition button. You should hear a clicking sound and see a flame.
5. Once the first burner is lit, you can light adjacent burners by turning their control knobs to HIGH.
6. Close the lid and preheat the grill to your desired temperature.

Using the Sear Burner:

The ceramic Sear Burner provides intense heat for perfect searing.

1. Open the side burner lid.
2. Push and turn the side burner control knob to the HIGH position.
3. Press the SureFire ignition button for the side burner.
4. Allow the sear burner to preheat for a few minutes before placing food on it.



A detailed view of the ceramic Sear Burner, capable of reaching 900°C for perfect searing.

TRU-Infrared Cooking:

The TRU-Infrared cooking system uses a unique emitter plate to distribute heat evenly across the cooking surface, preventing flare-ups and locking in juices for more succulent food.



A person is shown actively grilling a whole chicken and various vegetables on the main cooking surface of the Char-Broil Advantage PRO S 4 gas grill, with smoke rising.

Chef's Delite System:

The Chef's Delite system allows for greater cooking versatility. Utilize the perforated stainless steel tray for roasting vegetables, baking, or other culinary experiments.



This close-up highlights the Chef's Delite system in use, with a whole roasted chicken and a tray of colorful vegetables cooking on the grill.

Maintenance

Regular cleaning and maintenance will extend the life of your grill and ensure safe operation.

After Each Use:

- **Cooking Grates:** Once the grill has cooled, use a grill brush to clean food residue from the porcelain-enameled cast iron grates.
- **Emitter Plates:** Scrape any accumulated grease or food particles from the V-shaped emitter plates using the provided bespoke cleaning tool. This prevents excessive smoke and flare-ups.
- **Grease Tray:** Empty and clean the grease tray regularly to prevent grease fires.



The grill is shown with its lid open, revealing the porcelain-enameled cast iron cooking grates, the warming rack, and the powerful side burner. Regular cleaning of these components is essential.

Periodic Maintenance:

- **Burners:** Inspect burner ports for blockages (e.g., spider webs, food debris). Clean with a wire brush if necessary.
- **Hose and Regulator:** Check the gas hose and regulator for cracks, cuts, or damage. Replace if any damage is found.
- **Exterior:** Clean stainless steel surfaces with a stainless steel cleaner to maintain appearance.
- **Storage:** When not in use, especially during off-season, store the grill in a dry, protected area. Consider using a grill cover to protect it from the elements.

Troubleshooting

This section addresses common issues you might encounter with your gas grill. For more complex problems, consult the full user manual or contact customer support.

Common Issues and Solutions:

- **Burner Not Lighting:**
  - Check if the gas cylinder valve is open.
  - Ensure the gas hose is properly connected and there are no leaks.
  - Verify the igniter electrode is clean and properly positioned.
  - Check if the burner ports are clear of debris.
- **Low Flame or Uneven Heat:**
  - Check for low gas in the cylinder.
  - Ensure the regulator is not in bypass mode (reset by turning off all burners, closing cylinder valve, disconnecting regulator, waiting 30 seconds, reconnecting, slowly opening cylinder valve, then lighting).
  - Clean burner ports and emitter plates.
- **Excessive Smoke/Flare-ups:**
  - Clean the emitter plates and grease tray thoroughly.
  - Trim excess fat from meat before grilling.

If problems persist after attempting these solutions, please refer to the comprehensive troubleshooting section in your product manual or contact Char-Broil customer service.

Specifications

Detailed technical specifications for the Char-Broil Advantage PRO S 4 Gas Grill.



A diagram illustrating the key dimensions of the Char-Broil Advantage PRO S 4 gas grill, including height, width, and depth.

Feature	Specification
Brand	Charbroil
Model Name	Advantage PRO S 4
Model Number	140977
Product Dimensions (DxWxH)	57.3 x 128 x 115.3 cm (22.5 x 50.4 x 45.4 inches)
Fuel Type	Gas
Main Burners	4
Side Burners	1 (Sear Burner)
Heating Power	8.68 KW (8,68 BTU)

Feature	Specification
Cooking System	TRU-Infrared Technology
Material	Stainless Steel, Porcelain-Enameled Cast Iron (Grates), Cast Iron (Frame)
Color	Stainless Steel
Special Features	Wheels, TRU-Infrared Technology
Assembly Required	Yes
Recommended Use	Outdoor

Warranty and Support

Your Char-Broil Advantage PRO S 4 Gas Grill comes with a manufacturer's warranty to ensure your peace of mind.

Warranty Information:

- **Manufacturer's Warranty:** 2 years.
- **Burner Warranty:** 5 years.

Please retain your proof of purchase for warranty claims.

Customer Support:

For further assistance, technical support, or spare parts, please contact Char-Broil customer service. You can typically find contact information on the official Char-Broil website or in the full user manual.

A digital version of the user manual is available for download:Download User Manual (PDF)

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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.

Submit question