Royal Gourmet CD1824EN

Royal Gourmet CD1824EN 24-Inch Movable Charcoal Grill Instruction Manual

Model: CD1824EN
Brand: Royal Gourmet

1. Important Safety Information

Please read and understand all safety warnings and instructions before assembling, operating, or cleaning your Royal Gourmet CD1824EN Charcoal Grill. Failure to follow these instructions could result in fire, explosion, property damage, or personal injury.

- **Outdoor Use Only:** This grill is designed for outdoor use only. Do not operate indoors or in enclosed areas.
- **Clearance:** Maintain a minimum distance of 10 feet (3 meters) from combustible materials, including walls, fences, and overhanging structures.
- **Stable Surface:** Always place the grill on a hard, level, non-combustible surface.
- **Children and Pets:** Keep children and pets away from the grill at all times.
- **Hot Surfaces:** The grill's surfaces become extremely hot during operation. Use heat-resistant gloves or mitts when handling hot components.
- **Charcoal Safety:** Use only charcoal briquettes or lump charcoal as fuel. Do not use gasoline, kerosene, or alcohol to light charcoal. Use a charcoal chimney starter for safe and efficient lighting.
- **Ash Disposal:** Allow charcoal to cool completely before disposing of ashes. Never dispose of hot ashes in combustible containers.
- **Ventilation:** Ensure proper airflow by keeping air vents clear during operation.
- **Never Leave Unattended:** Do not leave a lit grill unattended.

2. Setup and Assembly

Follow these steps to assemble your Royal Gourmet CD1824EN Charcoal Grill. It is recommended to have two people for assembly.

2.1 Unpacking and Parts Identification

Carefully remove all components from the packaging. Verify that all parts listed in the manual are present and undamaged. Refer to the included parts diagram for identification.

2.2 Main Grill Body Assembly

For a detailed visual guide on assembling the main grill body, please watch the official installation video below. This video covers the step-by-step process for connecting the legs, shelves, and main grill housing.

Video Description: Official Royal Gourmet installation video for the 24-Inch Charcoal BBQ Grill (CD1824EN). This video provides a comprehensive, step-by-step visual guide for assembling the entire grill, including attaching the legs, shelves, and main body components. It demonstrates the correct placement and fastening of each part, ensuring a secure and stable setup.

2.3 Crank Handle Assembly

The crank handle is essential for adjusting the charcoal pan height. Follow these steps or refer to the video for proper assembly:

1. Raise the pole out of the slot first.
2. Remove the parts (washer, split pin) from the crank handle.
3. Screw the crank handle into the designated hole on the grill body.
4. First, screw the washer back onto the handle, then insert the split pin to secure it.
5. Put the pole back into the slot.

Video Description: This official Royal Gourmet video demonstrates the correct procedure for assembling the crank handle on the 24-Inch Charcoal BBQ Grill. It shows how to attach the handle to the grill's mechanism, which is used to raise and lower the charcoal pan for heat control.

2.4 Side Tables and Accessories

Attach the foldable side tables to the main grill body using the provided hardware. Ensure they are securely fastened but can still fold down for storage. Install the built-in bottle opener on the side panel.



Image Description: A close-up view of the Royal Gourmet CD1824EN charcoal grill showing a hand folding down one of the collapsible side tables. These tables provide convenient prep space and can be folded for compact storage.



Image Description: A close-up of the Royal Gourmet CD1824EN charcoal grill featuring a built-in bottle opener on the side panel. A bottle is shown being opened, with foam spilling out, highlighting the convenience of this feature.

3. Operating Instructions

This section provides guidance on how to effectively use your Royal Gourmet CD1824EN Charcoal Grill for optimal cooking results.

3.1 Charcoal Loading and Lighting

The grill features a front access door for easy charcoal management and a large capacity charcoal pan.

- Open the front access door to add charcoal to the charcoal pan. The grill can hold up to 4.5 lbs of charcoal.
- Use a charcoal chimney starter for safe and efficient lighting of the charcoal.

- Once the charcoal is fully lit and covered in ash, spread it evenly across the charcoal pan.



Image Description: A close-up of the Royal Gourmet CD1824EN charcoal grill showing the front access door open, revealing the charcoal pan. Tongs are used to add charcoal, demonstrating the ease of access during grilling.



Image Description: A person is shown pouring lit charcoal from a chimney starter into the charcoal pan of the Royal Gourmet CD1824EN grill. This image illustrates the process of adding charcoal for grilling.

3.2 Heat Control and Monitoring

Achieve precise temperature control using the adjustable charcoal pan and air circulation system.

- **Adjustable Charcoal Pan:** Rotate the crank handle on the side of the grill to raise or lower the charcoal pan. Raising the pan increases heat intensity for searing, while lowering it reduces heat for slower cooking.
- **Air Circulation System:** Utilize the stainless steel air vent and adjustable stack on the lid to manage oxygen flow, which directly impacts the charcoal's temperature. Open vents for higher temperatures, close them to reduce heat.
- **Built-in Thermometer:** Monitor the internal temperature of the grill using the built-in thermometer located on the lid for precise cooking.



Image Description: The Royal Gourmet CD1824EN charcoal grill in use, with the lid open, showcasing various foods like corn, vegetables on skewers, and meat cooking on the grates. A bowl of salad is on the left side table, and condiments are on the right, illustrating a complete grilling setup.

3.3 Cooking Area and Warming Rack

The grill provides ample space for cooking and keeping food warm.

- **Primary Cooking Area:** The porcelain-enameled grates offer 384 sq. in. of primary cooking space, capable of holding up to 22 burgers.
- **Warming Rack:** A 106 sq. in. warming rack is available to keep cooked food warm or to gently cook delicate items.



Image Description: An infographic showing the total cooking area capacity of the Royal Gourmet CD1824EN grill, indicating it can hold 22 burgers, 29 chicken drumsticks, 15 steaks, 2 racks of ribs, or 50 sausages simultaneously.

Video Description: This official Royal Gourmet video provides an overview of the 24-Inch Charcoal Grill CD1824EN, showcasing its features in action, including the cooking area, warming rack, and overall design while food is being grilled.

4. Maintenance and Cleaning

Regular maintenance ensures the longevity and safe operation of your grill.

4.1 Ash Disposal

The draw-out ash tray makes cleaning up after grilling simple.

- Ensure all charcoal has cooled completely before attempting to remove ashes.

- Pull out the large, movable ash tray located at the bottom of the grill.
- Dispose of the ashes in a non-combustible container.
- Clean the ash tray regularly to prevent buildup.



Image Description: A user is shown pulling out the ash tray from the bottom of the Royal Gourmet CD1824EN charcoal grill. The tray contains accumulated ash, demonstrating the ease of cleaning and ash disposal.

4.2 Grill Grates and Surfaces

- Clean porcelain-enameled cooking grates with a grill brush after each use, while they are still warm.
- Wipe down exterior surfaces with a damp cloth and mild detergent. Avoid abrasive cleaners.
- Store the grill in a dry, covered area when not in use to protect it from the elements.

5. Troubleshooting

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

- **Issue: Difficulty lighting charcoal.**
  Solution: Ensure charcoal is dry. Use a charcoal chimney starter for best results. Avoid using lighter fluid directly on hot coals. Check for adequate airflow.
- **Issue: Grill not reaching desired temperature.**
  Solution: Verify that enough charcoal is used. Adjust the charcoal pan to a higher position using the crank handle. Open the air vents and chimney stack fully to increase airflow.
- **Issue: Temperature is too high.**
  Solution: Lower the charcoal pan using the crank handle. Partially close the air vents and chimney stack to reduce oxygen flow to the coals.
- **Issue: Excessive smoke.**
  Solution: This is normal for charcoal grilling, especially when adding new charcoal or wood chips. Ensure proper ventilation. If smoke is acrid, check for excessive grease buildup or improper fuel.
- **Issue: Food sticking to grates.**
  Solution: Ensure grates are clean before cooking. Lightly oil the grates with cooking oil before placing food on them.

6. Specifications

Detailed specifications for the Royal Gourmet CD1824EN Charcoal Grill.



Image Description: A diagram illustrating the key dimensions of the Royal Gourmet CD1824EN charcoal grill, including its overall height (47.05"), width (47.44"), and depth (24.61"). It also highlights the 490 sq. in. total cooking area, 51.8 lb gross weight, and 43.2 lb net weight.

Feature	Specification
Model Name	CD1824EN
Brand	Royal Gourmet
Product Dimensions (D x W x H)	24.61"D x 47.44"W x 47.05"H
Fuel Type	Charcoal
Color	Black

Feature	Specification
Cooking Surface Area	490 Square Inches (384 sq. in. primary, 106 sq. in. warming rack)
Material Type	Alloy Steel, Porcelain-enameled Steel Wire (Cooking Grate), Stainless Steel
Item Weight	43.2 Pounds
Special Features	Built-In Thermometer, Folding Side Table, Removable Grease Tray, Warming Rack, Height-Adjustable Charcoal Pan
Required Assembly	Yes
UPC	810001890971

7. Warranty and Support

7.1 Product Warranty

The Royal Gourmet CD1824EN Charcoal Grill comes with a**1-year warranty from the date of purchase**. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For any questions, missing parts, or warranty inquiries, please contact Royal Gourmet customer support:

- **Phone:** 1-800-618-6798
- **Email:** service@royalgourmetusa.com

Please have your model number (CD1824EN) and date of purchase available when contacting support.

© 2026 Royal Gourmet. All rights reserved.

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