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> Coleman Revolution 4-Burner Gas Grill with Side Burner, Model RV-401BBQ - Instruction Manual

## Coleman RV-401BBQ

# Coleman Revolution 4-Burner Gas Grill with Side Burner, Model RV-401BBQ - Instruction Manual

Brand: Coleman | Model: RV-401BBQ

### IMPORTANT SAFETY INFORMATION

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always operate the grill in a well-ventilated area. Keep children and pets away from the grill during operation. Read all instructions before assembly and use.

Ensure proper ventilation and never operate the grill indoors. Always check for gas leaks before each use. Keep flammable materials away from the grill. Do not store a spare propane cylinder under or near the grill.

### PRODUCT OVERVIEW

The Coleman Revolution 4-Burner Gas Grill with Side Burner (Model RV-401BBQ) is designed for outdoor cooking. It features Flare-Free Technology, a spacious cooking area, and a Convertible Valve System for propane or natural gas use (conversion kit sold separately).



Figure 1: Front view of the Coleman Revolution 4-Burner Gas Grill.

### Key Features:

- **4 Main Burners:** Deliver up to 50,000 BTUs of grilling power.
- **Side Burner:** 13,000 BTU side stove burner for sauces and side dishes.
- **Flare-Free Technology:** Designed to capture and remove grease, reducing flare-ups.
- **Total Cooking Surface:** 680 square inches (500 sq. in. main, 180 sq. in. warming rack).
- **Instastart Ignition:** Weatherproof push-button ignition for quick starts.
- **Convertible Valve System:** Allows conversion from propane to natural gas (kit sold separately).
- **Quick Clean Grease Management:** Directs fats to a removable front grease cup.

### SETUP AND ASSEMBLY

Assembly is required. Follow the detailed instructions provided in the included manual. All necessary screws are designed for assembly with a single screwdriver.

### Propane Tank Connection:

1. Open the cabinet doors located at the front of the grill.
2. Place the propane tank securely on the designated base inside the cabinet.
3. Connect the propane tank hose to the tank valve, ensuring a tight seal.
4. Open the propane tank valve slowly to allow gas flow.



Figure 2: Propane tank connection and Convertible Valve System.

### **Natural Gas Conversion:**

The grill features a Convertible Valve System. A natural gas conversion kit is sold separately. Refer to the conversion kit's instructions for proper installation and use.

### **Caster Wheels:**

The grill is equipped with 4 caster wheels, all of which have locks. Engage the locks on all wheels to prevent the grill from moving during use or windy conditions.

## **OPERATING INSTRUCTIONS**

## Ignition:

1. Ensure the propane tank valve is open.
2. Open the grill lid.
3. Turn one main burner control knob to the "Light" position.
4. Press and hold the electronic ignition button until the burner ignites.
5. Repeat for additional main burners as needed.



Figure 3: Instastart push-button for reliable ignition.

## Side Burner Use:

1. Open the side burner lid.
2. Turn the side burner control knob to the "Light" position.
3. Press the electronic ignition button to ignite.

4 x 304 STAINLESS STEEL BURNERS

**50,000** BTUs 

SIDE STOVE

**13,000** BTUs 



Figure 4: Side burner in operation, providing 13,000 BTUs.

### **Temperature Control:**

Adjust burner control knobs to achieve desired cooking temperatures. The integrated temperature gauge on the lid provides an internal temperature reading. The grill heats up quickly, reaching high temperatures in less than a minute with all burners on.

### **Cooking Area:**

TOTAL COOKING AREA

**680** Square Inches 

BURGER CAPACITY

**25x** 



Figure 5: Total cooking area of 680 square inches, accommodating up to 25 burgers.

The main cooking grates offer 500 square inches, suitable for up to 25 burgers. A warming rack provides an additional 180 square inches for keeping food warm or indirect cooking.

**Flare-Free Technology:**

The Flare-Free Technology is designed to capture and remove more grease, minimizing flare-ups and promoting evenly cooked food. This system directs fats to the removable front grease cup for easy cleanup.



Figure 6: Quick Clean grease management system with removable front grease cup.

## MAINTENANCE

### Cleaning the Grease Management System:

Regularly check and empty the removable front grease cup. This prevents grease buildup and reduces the risk of flare-ups. The Flare-Free grates are designed with grease channels that direct fats efficiently.

### Grill Grate Cleaning:

After each use, turn the burners to high for 5-10 minutes to burn off any food residue. Once cooled, use a grill brush to clean the grates.

## TROUBLESHOOTING

### Ignition Failure:

- Ensure propane tank valve is fully open.

- Check if the electronic ignition battery needs replacement.
- Verify gas flow to the burners.

### Uneven Heating:

- Clean burners and flame tamers to ensure even gas distribution.
- Ensure the grill is level.
- Adjust burner settings to create different heat zones for various foods.

### Excessive Flare-Ups:

- Clean the grease management system and empty the grease cup.
- Trim excess fat from meats before grilling.
- Reduce burner heat or move food to indirect heat zones.

## SPECIFICATIONS

Feature	Detail
Brand	Coleman
Model Name	Coleman Revolution 4-Burner Gas Grill with Side Burner
Model Number	RV-401BBQ
Product Dimensions	23.3"D x 56.4"W x 47.9"H
Item Weight	128.9 Pounds
Fuel Type	Gas (Propane, Natural Gas convertible)
Main Burner Count	4
Side Burner Count	1
Total BTU Output	50,000 (Main) + 13,000 (Side) = 63,000 BTUs
Cooking Surface Area	680 Square Inches (500 main, 180 warming)
Material	Alloy Steel (Stainless Steel handle)
Special Features	Portable, Warming Rack, Weather Resistant, Flare-Free Technology, Instastart Ignition, Convertible Valve System
Assembly Required	Yes

## PRODUCT VIDEO OVERVIEW

Your browser does not support the video tag.

Video 1: An overview of the Coleman Revolution BBQ grill, highlighting its features and design.

## WARRANTY AND SUPPORT

**Warranty Information:**

This product is backed by a 2-year limited manufacturer warranty. Stainless steel burners ensure long life, and the outer body resists dents, scratches, and chipping.

**Customer Support:**

For assistance with assembly, operation, or troubleshooting, please contact Coleman customer support. Refer to the included manual for contact details or visit the official Coleman website.