

[Manuals.plus](#) /

> [CONTOURE](#) /

> RV 3-Burner Drop-In Gas Range 21" | Black with Stainless Steel Accents | Stylish LED Knobs | Easy-Clean Oven | Propane-Powered | CSA Certified | GR-21BTC 21" w/ FFD

CONTOURE GR-21BTC

RV 3-Burner Drop-In Gas Range 21"

Model: GR-21BTC | Brand: CONTOURE

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your CONTOURE RV 3-Burner Drop-In Gas Range. Designed for mobile kitchens, this 21-inch gas range features a stylish black finish with stainless steel accents, LED illuminated knobs, and an easy-to-clean oven. It is propane-powered and CSA certified, ensuring reliable performance and safety for your recreational vehicle or mobile cooking setup.

Please read this manual thoroughly before installation and use to ensure proper function and to prevent potential hazards.

SAFETY INFORMATION

Your safety and the safety of others are paramount. This appliance is designed with several safety features. Always adhere to the following precautions:

- Ensure proper ventilation during operation.
- Verify gas connections are secure and leak-free before first use and after any maintenance.
- The range is equipped with a **Thermocouple Flame Safety Sensor** and a **Flame Failure Device (FFD)**. This system automatically cuts off the gas supply if the flame on a burner or in the oven extinguishes unexpectedly, preventing gas accumulation.
- Keep flammable materials away from the appliance during operation.
- Do not store items on the stovetop when not in use, especially if the glass cover is open.
- Supervise children and pets when the appliance is in use. The oven door features a safety mechanism requiring a slight pull to open, preventing accidental opening by small children.
- Always turn off all burners and the oven, and close the gas supply when the appliance is not in use or during transit.

COMPONENTS OVERVIEW

Familiarize yourself with the main components of your gas range:

- **Control Panel:** Features knobs for burner control, oven temperature, and oven light.
- **Burners:** Three propane-powered burners with continuous cast iron grates.
- **Glass Stovetop Cover:** A hinged glass cover that protects the burners when not in use and provides additional counter space.
- **Oven:** Includes an interior light, adjustable racks, and a gas cut-off valve.
- **Igniter:** Piezo ignition system for easy lighting of burners and oven.



Image: Front view of the CONTOURE RV 3-Burner Drop-In Gas Range, showcasing the control panel, oven door, and stovetop with grates.

SETUP AND INSTALLATION

The CONTOURE RV 3-Burner Drop-In Gas Range is designed for straightforward installation into compatible RV or mobile kitchen cutouts. Professional installation is recommended to ensure all gas and electrical connections meet local codes and safety standards.

- Ensure the installation area is properly prepared with the correct dimensions for a drop-in unit.
- Connect the propane gas supply line according to manufacturer guidelines and local regulations. Verify all connections are tight and leak-free using a gas leak detector solution.
- Connect the 12-volt DC power supply for the igniter and oven light.
- Secure the range in place within the cabinet cutout.



Image: Side view of the gas range, illustrating its drop-in design and potential mounting points for installation.

OPERATING INSTRUCTIONS

Using the Stovetop Burners

1. Ensure the glass stovetop cover is fully open and secured.
2. Confirm the main gas supply to the RV is turned on.
3. Push in and turn the desired burner knob counter-clockwise to the "HI" position.
4. While holding the knob in, simultaneously turn the "IGNITER" knob to activate the piezo ignition. You will hear a clicking sound.
5. Once the burner ignites, release the "IGNITER" knob. Continue to hold the burner knob in for a few seconds to allow the Flame Failure Device (FFD) to engage.
6. Adjust the flame intensity by turning the knob between "HI" and "LO" settings.
7. To turn off, turn the burner knob clockwise to the "OFF" position.



Image: Top view of the gas range with the glass cover open and one burner actively lit, showing the blue flame.

Using the Oven

1. Ensure the main gas supply to the RV is turned on.
2. Open the oven door. The oven door has a safety catch; pull firmly to open.
3. Locate the oven burner at the bottom of the oven cavity.
4. Push in and turn the "OVEN" knob counter-clockwise to the desired temperature setting.
5. While holding the knob in, simultaneously turn the "IGNITER" knob to light the oven pilot. You may need to hold the igniter for a few seconds until the pilot flame is established.
6. Once the pilot is lit, the main oven burner will ignite. Continue to hold the "OVEN" knob in for a few seconds to allow the FFD to engage.
7. Release the knob and close the oven door. The oven will preheat to the set temperature.
8. To activate the interior oven light, press the "LIGHTS" button on the control panel.
9. To turn off the oven, turn the "OVEN" knob clockwise to the "OFF" position.

Using the Glass Stovetop Cover

- To open: Lift the glass cover until it locks into its upright position. Ensure it is fully secured before operating burners.
- To close: Gently push down on the safety latches on both sides of the cover and lower it slowly until it rests flat over the grates. Ensure all burners are off and cool before closing the cover.



Image: Side view of the gas range with its hinged glass stovetop cover in the open position, revealing the burners and grates.

MAINTENANCE AND CLEANING

Regular cleaning and maintenance will ensure the longevity and optimal performance of your gas range.

- **Stovetop:** The continuous cast iron grates and black enamel surface are designed for easy cleaning. Allow surfaces to cool completely. Remove grates and burner caps. Wipe spills with a damp cloth and mild detergent. For stubborn stains, use a non-abrasive cleaner.
- **Oven:** The oven interior is easy to clean. Remove oven racks. Wipe down the interior with a damp cloth

and a mild, oven-safe cleaner. Avoid abrasive cleaners that can damage the finish.

- **Glass Stovetop Cover:** Clean with a glass cleaner and a soft cloth to avoid scratches.
- **Control Knobs:** Remove knobs by pulling them straight off. Wash with warm, soapy water, dry thoroughly, and reattach.
- **General:** Periodically check gas connections for any signs of wear or leaks. Ensure burner ports are clear of debris for efficient flame distribution.

TROUBLESHOOTING

If you encounter issues with your gas range, refer to the following common troubleshooting steps:

- **Burner not igniting:**
 - Check if the main gas supply is on.
 - Ensure the burner cap is correctly seated.
 - Verify the igniter is clicking when the knob is pushed and turned. If not, check the 12V DC power supply.
 - Clean any debris from the burner ports or igniter electrode.
- **Oven not heating:**
 - Confirm the oven pilot light is igniting and staying lit.
 - Ensure the oven gas cut-off valve (if present and accessible) is in the open position.
 - Allow sufficient preheating time.
- **Gas smell:**
 - Immediately turn off all gas supply to the appliance and the main RV gas supply.
 - Open windows and doors for ventilation.
 - Do not operate any electrical switches or appliances.
 - Contact a qualified service technician immediately.

SPECIFICATIONS

Attribute	Detail
Brand	CONTOURE
Model Name	GR-21BTC
Form Factor	Drop-In
Product Dimensions (D x W x H)	17.75"D x 21.46"W x 20.28"H
Item Weight	65.4 pounds
Voltage	12 Volts (DC)
Controls Type	Knob
Safety Certification	CSA Certified

WARRANTY AND SUPPORT

CONTOURE products are designed for durability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official CONTOURE website. Standard protection plans are available for 3-year and 4-year durations, along with a Complete Protect monthly renewal option.

For customer support, technical assistance, or to inquire about replacement parts, please contact CONTOURE customer service through their official channels. You can often find contact information on the product packaging or the brand's website.

For additional support and product information, visit the [CONTOURE Store on Amazon](#).