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DCS BGC132-BI-N

DCS Double Built-In Natural Gas Side Burner

Model: BGC132-BI-N

1. Important Safety Information

Please read this entire manual carefully before installing or operating your DCS Double Built-In Natural Gas Side Burner. Failure to follow these instructions could result in property damage, bodily injury, or death.

- **FOR OUTDOOR USE ONLY.** Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **GAS LEAK CHECK:** Always check for gas leaks after installation and whenever gas components are serviced. Use a soapy water solution; never use an open flame.
- **VENTILATION:** Ensure adequate ventilation around the appliance. Do not obstruct airflow.
- **CHILD SAFETY:** Keep children and pets away from the appliance when in use.
- **HOT SURFACES:** Appliance surfaces become hot during operation. Use caution and wear protective gloves if necessary.

2. Package Contents

Verify that all components are present before beginning installation:

- DCS Double Built-In Natural Gas Side Burner Unit
- Stainless Steel Cover
- Removable Stainless Steel Drip Pan
- User Manual (this document)

3. Setup and Installation

This appliance must be installed by a qualified installer, service agency, or gas supplier. Installation must conform with local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54.

3.1 Site Preparation

Ensure the installation area is level, stable, and constructed from non-combustible materials. Maintain proper clearances from combustible surfaces as per local codes.

3.2 Cutout Dimensions

Prepare the cutout in your outdoor kitchen island according to the following dimensions:

Height: 10.125 inches (25.72 cm)

Width: 12 inches (30.48 cm)

Depth: 22.75 inches (57.79 cm)

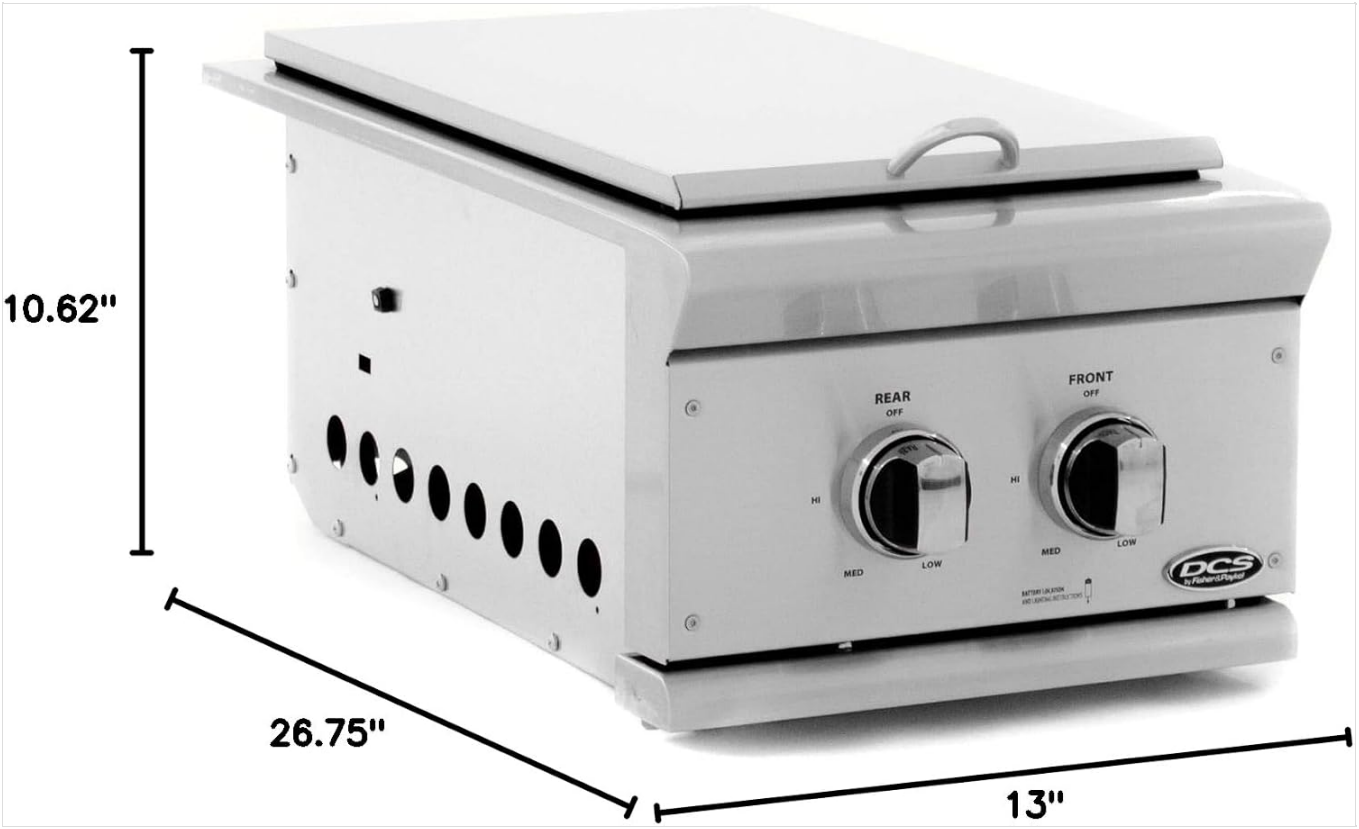

Figure 1: Dimensional diagram of the DCS Double Built-In Side Burner, showing overall dimensions of 10.62 inches height, 13 inches width, and 26.75 inches depth.

3.3 Gas Connection

Connect the natural gas supply line to the appliance's gas inlet. Ensure all connections are tight and sealed. Perform a leak test using a soapy water solution on all gas connections. Bubbles indicate a leak.

3.4 Electrical Connection (for Ignition)

This unit features battery ignition. Locate the battery compartment (typically near the control panel) and install the required battery (usually AA or AAA, refer to the label on the unit for specific type and orientation). This powers the electronic ignition system.

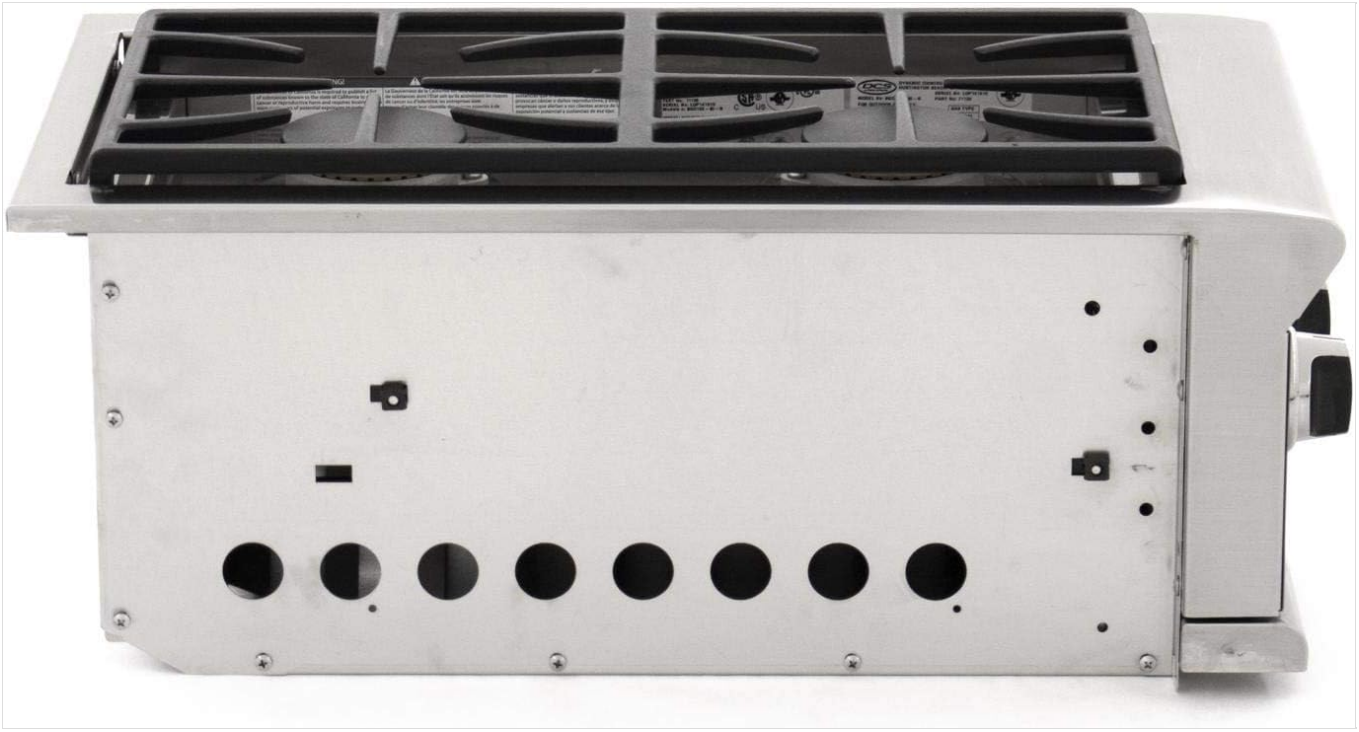

Figure 2: Side view of the DCS Double Built-In Side Burner, illustrating the stainless steel construction and ventilation openings along the side panel.

4. Operating Instructions

Always ensure the area around the burner is clear before ignition.

4.1 Lighting the Burners

1. Ensure the burner grates are properly seated.
2. Push in the desired control knob (FRONT or REAR) and rotate it counter-clockwise to the 'HI' position.
3. You should hear a clicking sound from the igniter. Keep the knob pushed in until the burner ignites.
4. Once lit, continue to hold the knob in for 5-10 seconds to allow the thermocouple to heat up and maintain the flame.
5. Release the knob. If the burner goes out, repeat steps 2-4.
6. Adjust the flame intensity by rotating the knob between 'HI', 'MED', and 'LOW' settings.



Figure 3: Close-up view of a DCS side burner control knob, showing the 'OFF', 'HI', 'MED', and 'LOW' settings for precise flame control.



Figure 4: Front view of the DCS Double Built-In Side Burner with the stainless steel cover closed, highlighting the two control knobs for the front and rear burners.

4.2 Shutting Down

To turn off a burner, push in the control knob and rotate it clockwise to the 'OFF' position. Ensure the flame is extinguished. For complete shutdown, turn off the main gas supply valve.

5. Maintenance and Cleaning

Regular cleaning and maintenance will ensure optimal performance and longevity of your side burner.

5.1 General Cleaning

- Allow the appliance to cool completely before cleaning.
- Wipe stainless steel surfaces with a soft cloth and a mild detergent or stainless steel cleaner. Always wipe in the direction of the grain.
- Do not use abrasive cleaners, steel wool, or scouring pads, as these can scratch the surface.

5.2 Drip Pan Cleaning

The removable drip pan collects grease and food debris. It should be cleaned regularly to prevent flare-ups and maintain hygiene.

1. Ensure the burner is off and cool.
2. Carefully slide the drip pan out from the front of the unit.
3. Empty any contents and wash the pan with warm, soapy water. Rinse thoroughly and dry before reinserting.



Figure 5: Front view of the DCS Double Built-In Side Burner with the removable stainless steel drip tray partially pulled out for cleaning access.

5.3 Burner and Grate Cleaning

- Remove burner grates and wash with warm, soapy water. For stubborn residue, a non-abrasive scrub brush can be used.
- Inspect burner ports for any blockages. Use a small wire or paperclip to clear any debris. Ensure all ports are clear for an even flame.
- Ensure all parts are dry before reassembling.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Burner does not light	No gas supply Igniter not sparking Clogged burner port Low battery for ignition	Check gas supply valve Check igniter electrode for debris/damage Clean burner ports Replace battery
Uneven flame	Clogged burner ports Burner not seated correctly	Clean burner ports Re-seat burner properly
Gas odor	Gas leak	Immediately turn off gas supply. Do not operate. Contact a qualified technician.

7. Specifications

Feature	Detail
Model Number	BGC132-BI-N
Brand	DCS
Fuel Type	Natural Gas
Burner Type	Sealed
Number of Burners	2
BTU Rating (per burner)	17,000 BTU
Total BTU	34,000 BTU
Material	#304 Stainless Steel
Ignition System	Battery Ignition (Gas Pilot)
Product Dimensions (H x W x D)	10.625" x 13" x 26.75" (27 cm x 33 cm x 68 cm)
Cutout Dimensions (H x W x D)	10.125" x 12" x 22.75" (25.7 cm x 30.5 cm x 57.8 cm)
Item Weight	55 pounds (24.9 kg)
Included Components	Stainless steel cover, Removable stainless steel drip pan

8. Warranty Information

DCS products are manufactured to high-quality standards and are backed by a manufacturer's warranty. Specific warranty terms and conditions, including duration and coverage, may vary. Please refer to the warranty card included with your product or visit the official DCS website for detailed information.

9. Customer Support

If you have any questions regarding the installation, operation, maintenance, or troubleshooting of your DCS Double Built-In Natural Gas Side Burner, please contact DCS customer support. Contact information can typically be found on the manufacturer's website or in the product packaging.

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