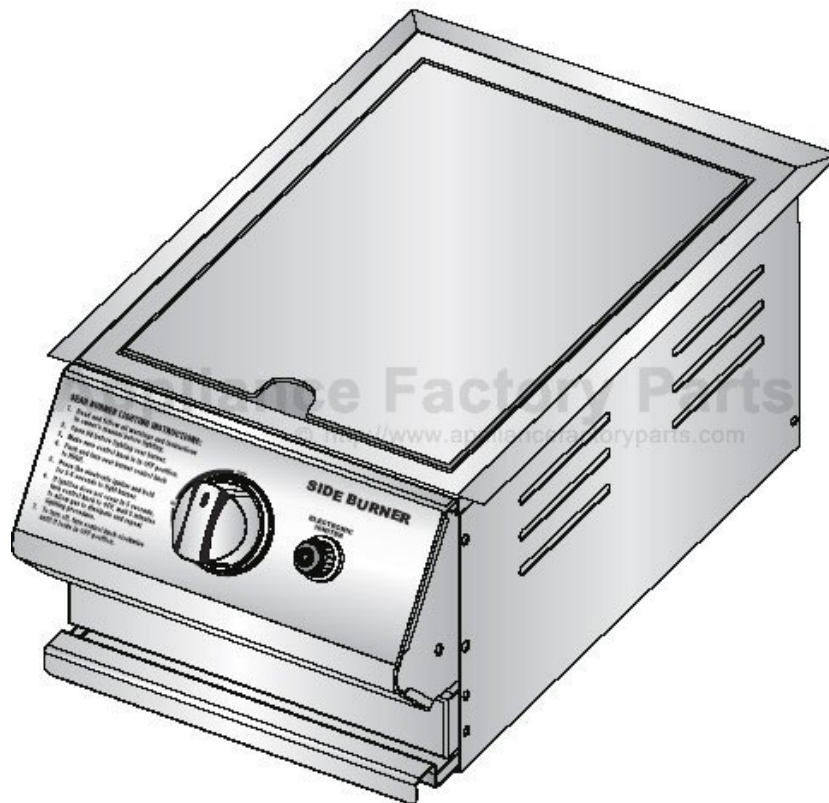


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# Charmglow 814-6807-0 Owner's Manual

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*Charmglow®*  
GOURMET SERIES

# Stainless Steel LP Drop-In Side Burner Hornilla Lateral a Propano Líquido Empotrable de Acero Inoxidable

Outdoor Gas Side Burner / Hornilla lateral a gas para uso al aire libre

OWNER'S MANUAL / MANUAL DEL PROPIETARIO

ASSEMBLY AND OPERATING INSTRUCTIONS/INSTRUCCIONES DE ARMADO Y OPERACIÓN

SAVE THIS MANUAL FOR FUTURE REFERENCE  
GUARDE ESTE MANUAL PARA REFERENCIA FUTURA

## ⚠ WARNING/ADVERTENCIA

HAZARDOUS EXPLOSION MAY RESULT IF THESE WARNINGS AND INSTRUCTIONS ARE IGNORED. READ AND FOLLOW ALL WARNINGS AND INSTRUCTIONS IN THIS MANUAL TO AVOID PERSONAL INJURY, INCLUDING DEATH OR PROPERTY DAMAGE.

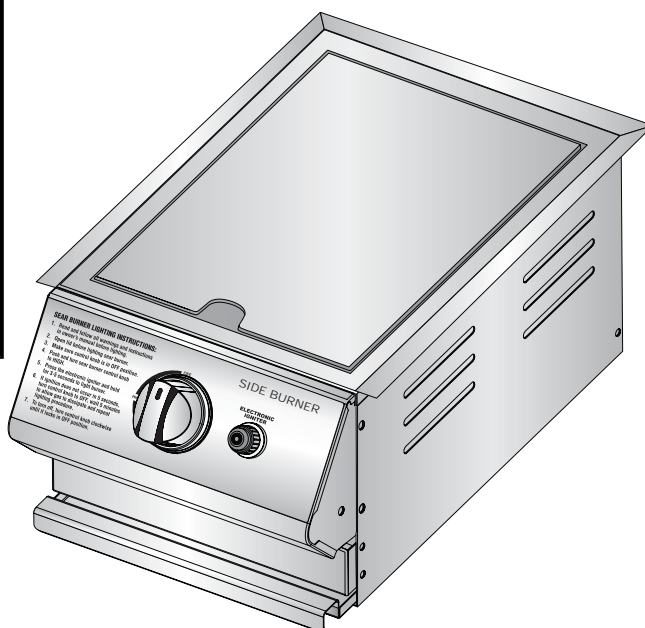
SE PUEDE PRODUCIR UNA EXPLOSIÓN PELIGROSA SI SE HACE CASO OMISO A ESTAS ADVERTENCIAS E INSTRUCCIONES. LEA Y SIGA TODAS LAS ADVERTENCIAS E INSTRUCCIONES EN ESTE MANUAL PARA EVITAR LESIONES PERSONALES, INCLUSO LA MUERTE, O LOS DAÑOS MATERIALES.

### NOTICE TO INSTALLER:

LEAVE THESE INSTRUCTIONS  
WITH THE SIDE BURNER OWNER  
FOR FUTURE REFERENCE.


### AVISO PARA EL INSTALADOR:

ENTREGUE ESTAS  
INSTRUCCIONES AL  
PROPIETARIO DE LA HORNILLA  
LATERAL PARA REFERENCIA  
FUTURA.





# IMPORTANT SAFETY WARNINGS

WE WANT YOU TO ASSEMBLE AND USE YOUR SIDE BURNER AS SAFELY AS POSSIBLE. THE PURPOSE OF THIS SAFETY ALERT SYMBOL  IS TO ATTRACT YOUR ATTENTION TO POSSIBLE HAZARDS AS YOU ASSEMBLE AND USE YOUR SIDE BURNER.

WHEN YOU SEE THE SAFETY ALERT SYMBOL  PAY CLOSE ATTENTION TO THE INFORMATION WHICH FOLLOWS!

 **READ ALL SAFETY WARNINGS AND INSTRUCTIONS CAREFULLY BEFORE ASSEMBLING AND OPERATING YOUR SIDE BURNER.**

## DANGER

**IF YOU SMELL GAS:**

1. Shut off gas to the appliance.
2. Extinguish any open flame.
3. Open Lid.
4. If odor continues, keep away from the appliance and immediately call your gas supplier or your fire department.

## WARNING

1. Do not store or use gasoline or other flammable liquids or vapors in the vicinity of this or any other appliance.
2. An LP cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

## DANGER





- DO NOT store a spare LP gas cylinder under or near this appliance.
- Never fill the cylinder beyond 80% full.
- A fire causing death or serious injury may occur if the above is not followed exactly.

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 **DANGER:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.


 **WARNING:** Be alert to the possibility of serious bodily injury if the instructions are not followed. Be sure to read and carefully follow all of the messages.

 **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

# GENERAL WARNINGS

## WARNING

- Never use natural gas in a unit designed for liquid propane gas.
- Never use charcoal briquets or lighter fluid in a gas side burner.
- Leak test all connections before first use, even if side burner was purchased fully assembled and after each tank refill.
- Never check for leaks using a match or open flame.

** CAUTION!** Strong odors, colds, sinus congestion, etc. may prevent the detection of propane. Use caution and common sense when testing for leaks.

- Charmglow LP Gas Side Burner is an accessory to the Charmglow Stainless Steel LP Drop-In 4-Burner Grill. This Side Burner is not designed to be used by itself.
- Always keep your gas side burner free and clear of gasoline, paint thinner, or other flammable vapors and liquids or combustible materials.
- Always check the side burner prior to each use as indicated in the "Pre-Start Check List" section of this manual.
- DO NOT obstruct the flow of combustion or ventilation air.
- Keep children and pets away from hot side burner. DO NOT allow children to use or play near this grill.
- DO NOT leave the side burner unattended while in use.
- DO NOT allow the gas hose to come in contact with hot surfaces.
- DO NOT allow grease from drain hole to fall on hose or valve regulator assembly.
- Keep any electrical supply cords away from water or heated surfaces.
- Keep a fire extinguisher on hand acceptable for use with gas products. Refer to your local authority to determine proper size and type.
- For household use only. DO NOT use this side burner for anything other than its intended purpose.
- DO NOT use while under the influence of drugs or alcohol.
- Side burner is hot when in use. To avoid burns:
  - DO NOT attempt to move the grill.
  - Wear protective gloves or oven mitts.
  - DO NOT touch any hot side burner surfaces.
  - DO NOT wear loose clothing or allow hair to come in contact with side burner.

** USE CAUTION AND COMMON SENSE WHEN OPERATING YOUR GAS SIDE BURNER.**

**FAILURE TO ADHERE TO THE SAFETY WARNINGS AND GUIDELINES IN THIS MANUAL  
COULD RESULT IN SEVERE BODILY INJURY OR PROPERTY DAMAGE.**

**SAVE THIS MANUAL FOR FUTURE REFERENCE.**

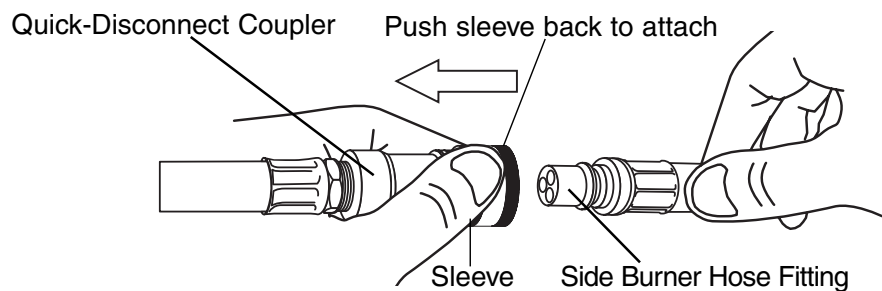
## WARNING

- **FOR OUTDOOR USE ONLY. DO NOT** operate indoors or in an enclosed area such as a garage, shed or breezeway.
- Use your side burner **OUTDOORS** in a well ventilated space away from dwellings or other buildings to prevent dangers associated with gas accumulation and toxic vapors. We recommend your side burner be situated at least 10 feet (3.1 m) from buildings.
- Maintain a minimum clearance of 36 inches (91 cm) between all sides of side burner and walls or other combustible material. **DO NOT** use side burner under overhead unprotected combustible construction.
- **DO NOT** use or install this side burner in or on a recreational vehicle and/or boat.

## **FOLLOW THE INSTRUCTIONS FOR CONNECTING YOUR STAINLESS STEEL LP DROP-IN 4-BURNER GRILL TO THE LP CYLINDER.**

These instructions are located in the 810-6805-0 Stainless Steel LP Drop-In 4-Burner Grill owner's manual. After main grill installation follow the instructions below for connecting your side burner to the Quick-Disconnect coupler.

Connect the side burner hose fitting to the grill body hose by inserting the fitting into the quick-disconnect coupler.



## WARNING

- **Never use your grill without leak testing all gas connections and hoses. See the section on "Leak Testing" in this manual for proper procedures.**
- **Visually inspect the hose assembly prior to each use for evidence of damage, excess wear or deterioration. If found, replace the assembly before using your grill. Only the Brinkmann supplied replacement should be used.**

## DANGER

### **LEAK TESTING:**

To prevent fire or explosion hazard:

- **DO NOT** smoke or permit ignition sources in the area while conducting a leak test.
- Perform test **OUTDOORS** only in a well ventilated area.
- **Never** perform a leak test with a match or open flame.
- **Never** perform a leak test while the grill is in use or while grill is still hot.

## ! WARNING

### WHEN TO PERFORM A LEAK TEST:

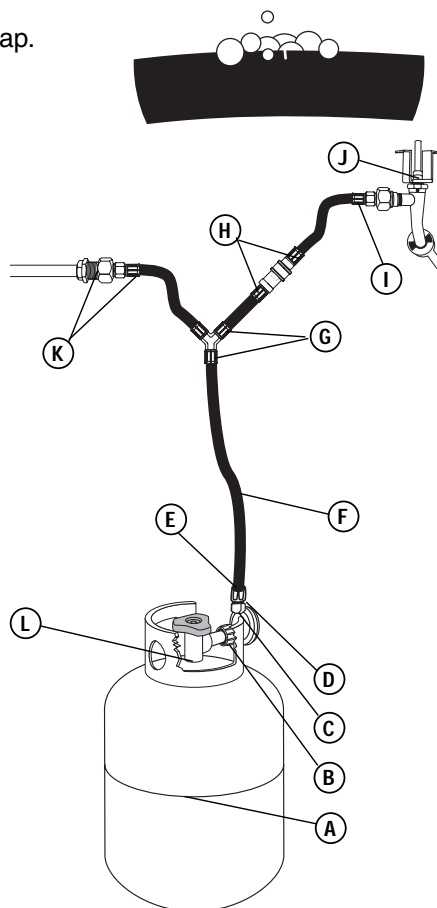
- After assembling your grill and before lighting for the first time, even if purchased fully assembled.
- Every time the LP gas cylinder is refilled or if any of the gas components are replaced.
- Any time your grill has been moved.
- At least once per year or if your grill has not been used for more than 60 days.

### CHECKING FOR LEAKS:

1. Create a mixture of 50% water and 50% liquid dishwashing soap.
2. Open the lid.
3. Ensure all control knobs are set to the "OFF" position.
4. Turn on the fuel supply at the cylinder valve. Turn the cylinder valve knob one turn counter-clockwise.
5. Apply the soap water mixture to the following:

- (A) Supply tank (cylinder) weld.
- (B) Connection nut to tank valve.
- (C) Back side of connection nut to brass nipple.
- (D) Brass connection into regulator.
- (E) Regulator connections to gas supply hoses.
- (F) The full length of gas supply hose.
- (G) Brass connections to "Y" splitter.
- (H) Brass connections and quick disconnect assembly.
- (I) Side burner connection to hose.
- (J) Side burner valve stem cap.
- (K) Hose connection to gas manifold.
- (L) Tank valve to cylinder.

Watch For Bubbles



6. Check each place listed (A–L) for growing bubbles which indicates a leak.
7. Turn off gas supply at cylinder valve.
8. Turn on control knobs to release gas pressure in hose.
9. Turn control knobs to "OFF" position.
10. Tighten any leaking connections.
11. Repeat soapy water test until no leaks are detected.
12. Turn off gas supply at cylinder valve until you are ready to use your side burner.
13. Wash off soapy residue with cold water and towel dry.
14. Wait 5 minutes to allow all gas to evacuate the area before lighting side burner.

**! CAUTION!** **DO NOT** use the side burner if leaks cannot be stopped. Contact a qualified gas appliance repair service.

Note: The leak test must be performed in an area that has adequate lighting in order to see if bubbles are developing. **DO NOT** use a flashlight to check for bubbles.

## WARNING

### PRE-START CHECK LIST:

Property damage, bodily harm, severe burns, and death could result from failure to follow these safety steps. These steps should be performed after the side burner has been assembled and prior to each use. **DO NOT** operate this side burner until you have read and understand **ALL** of the warnings and instructions in this manual.

### PRE-START CHECK LIST:

- Ensure that the side burner is properly assembled.
- Inspect the gas supply hose for burns, chaffing, kinks, and proper routing before each use. If it is evident there is excessive abrasion or wear, or the hose is cut, it must be replaced prior the side burner being used. Replace with hose and regulator, Model No. 155-6800-0, which can be obtained by contacting customer service at 800-527-0717.
- Leak check all gas connections and hose. See section on "Leak Testing".
- Ensure that all electrical supply cords are properly grounded. Keep any electrical supply cord and the fuel supply hose away from any heated surfaces. Hose should be at least 3 inches from hot surfaces.
- Position your grill on level ground in a well ventilated location, a safe distance from combustible materials, buildings and overhangs.
- Properly place the empty grease tray under the grease drain hole in the bottom of the side burner to catch grease during use.
- **DO NOT** obstruct the flow of combustion and ventilation air.

## WARNING

**Read, understand and follow all warnings and instructions contained in this manual. DO NOT skip any of the warnings and instructions contained in the preceding sections of this manual.**

## WARNING

### LIGHTING INSTRUCTIONS:

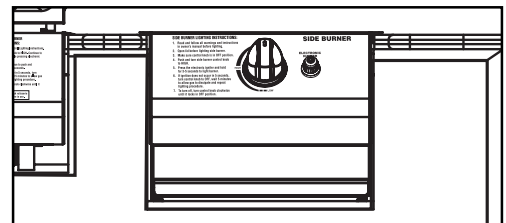
Follow the instructions exactly.

1. **OPEN THE SIDE BURNER LID** before attempting to light a burner so that fumes do not accumulate inside the side burner. An explosion could occur if side burner lid is down.
2. Check that the burner control knob and the cylinder valve are turned to the "OFF" position.
3. Turn on fuel supply by rotating the cylinder valve knob counter-clockwise to full open.
4. **DO NOT** stand with head, body, or arms over the side burner when lighting.

### LIGHTING THE SIDE BURNER:

1. Open lid before lighting side burner.
2. Make sure control knob is in the "OFF" position.
3. Push and turn side burner control knob to the "HIGH" position.
4. Press the electronic igniter on the side burner and hold for 3–5 seconds to light burner.
5. If ignition does NOT occur in 5 seconds, turn control knob to "OFF", wait 5 minutes to allow gas to dissipate and repeat lighting procedure.
6. To turn off, turn control knob clockwise until it locks in the "OFF" position.

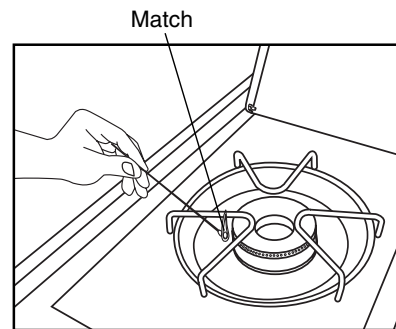
Note: If burner does not light or flame is too low, you may have spider or other insect blockage in burner. See "Burner Assembly/Maintenance" under Proper Care and Maintenance.





## MATCH LIGHTING THE SIDE BURNER:

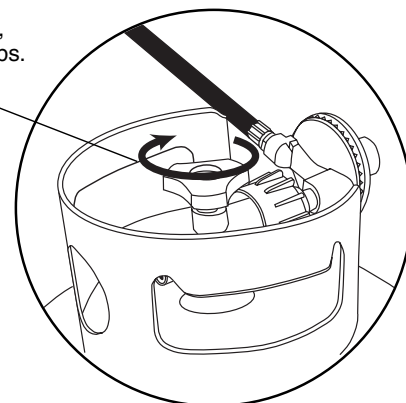
1. Open the lid to the side burner before lighting.
2. Make sure control knob is in the "OFF" position.
3. Strike and carefully place a match approximately 1/2" (1 to 2 cm) from the side burner.
4. Turn the side burner control knob to the "HIGH" position. The burner should light within 5 seconds.
5. If the burner does not light, turn the control knob to "OFF" and wait 5 minutes for gas to dissipate and repeat lighting procedure.
6. If the burner does not light within the first few attempts of match lighting, there is a problem with the gas supply. Turn off the gas at the burner and cylinder. **DO NOT** attempt to operate the side burner until the problem is found and corrected. See "Trouble Shooting" section of this manual.



## ⚠ CAUTION!

- The cylinder valve should always be in the off, or closed, position when the grill is not in use.

To turn off the cylinder valve, turn knob clockwise until it stops.



## TURNING OFF THE SIDE BURNER:

1. Turn off the cylinder valve.
2. Turn the burner control knob to the "OFF" position.

Note: Turn off LP cylinder first to prevent gas from being left in the system under pressure.

Note: Observe flame height when lit: Flame should be a Blue/Yellow color between 1"—2" when burner is on "HIGH".



## ⚠ WARNING

### OPERATING THE SIDE BURNER:

**Never use Charcoal or Lighter Fluid inside your Gas Side burner. Read and follow all warnings and instructions contained in the preceding sections of this manual.**

### BREAKING IN YOUR SIDE BURNER:

- In manufacturing and preserving the components of your side burner, oil residue may be present on the burner and cooking surfaces of your side burner.
- Before cooking on your side burner for the first time you should preheat it for 15 minutes on "HIGH" to burn off these residual oils.

## ⚠ WARNING

- **DO NOT** leave your side burner unattended while in use.
- **DO NOT** move grill when in use.
- **DO NOT** use water to extinguish flare-ups.
- **Have fire extinguisher readily accessible suitable for use with gas appliances.**

## GRILL COOKING TIPS

### CLEANLINESS

- Always wash hands thoroughly with soap and hot water prior to handling food and after handling raw meat, uncooked poultry or seafood.
- When using a platter to carry raw meat, uncooked poultry or seafood to the grill, make sure to wash the platter thoroughly with soap and hot water before placing cooked foods back on the platter or use different platters for raw and cooked foods.
- Never use the same utensils when handling raw meat, uncooked poultry or seafood unless you wash the utensils thoroughly with soap and hot water.
- Never re-use marinade from raw meat or uncooked poultry on foods that have been cooked and are ready to be served.

### GRILLING TO PROPER TEMPERATURE

- Use a meat thermometer to be sure food has reached a safe internal temperature. You may order a Commercial-quality thermometer from Brinkmann. For more information on this product and other Brinkmann accessories, please refer to the accessory pages at the end of this manual.
- The US Department of Agriculture recommends the **minimum** temperature be reached for the following food items:

**Chops** .....145° F (62.8° C)  
**Ground Meat** .....160° F (71° C)  
**Pork** .....160° F (71° C)  
**Poultry** .....180° F (82° C)

**Roasts** .....145° F (62.8° C)  
**Seafood** .....140° F (60° C)  
**Vegetables** .....145° F (62.8° C)

### HELPFUL HINTS

- If you pre-cook meat or poultry, do so immediately before grilling.
- Never defrost meat at room temperature or on a countertop.
- Refrigerate leftovers within 2 hours of taking food off the grill.
- For additional information, please phone the USDA's toll free Meat & Poultry Hotline at 800-535-4555.

## PROPER CARE & MAINTENANCE

- To protect your side burner from excessive rust, the unit must be kept clean and covered at all times when not in use.
- Wash cooking grate with hot, soapy water, rinse well and dry. Lightly coat cooking grate with vegetable oil or vegetable oil spray.
- Clean inside and outside of side burner by wiping off with a damp cloth. Apply a light coat of vegetable oil or vegetable oil spray to the interior surface to prevent rusting.
- The exterior surface of your side burner, can be cleaned with stainless steel cleaner.
- Never apply paint to the interior surface. Rust spots on the interior surface can be buffed, cleaned, then lightly coated with vegetable oil or vegetable oil spray to minimize rusting.

## BURNER ASSEMBLY/MAINTENANCE (CONTINUED)

- Although your burner is constructed of brass and cast iron, it may corrode as a result of the extreme heat and acids from cooking foods. Regularly inspect the burner for cracks, abnormal holes, and other signs of corrosion damage. If found, replace the burner.
- DO NOT obstruct the flow of combustion and ventilation air.** Burner tubes can become blocked by spiders and other insects building their nests. Blocked burner tubes can prevent gas flow to the burners and could result in a burner tube fire or fire beneath the side burner. To clean the Burner Assembly follow these instructions to clean and/or replace parts of burner assembly or if you have trouble igniting the side burner.

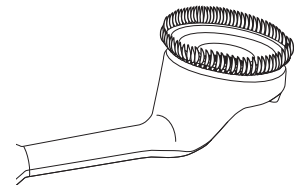
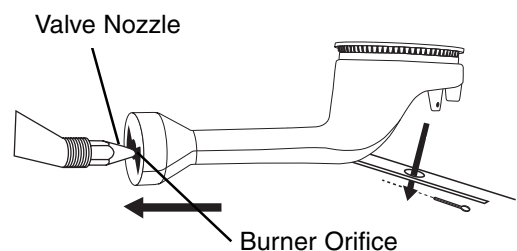
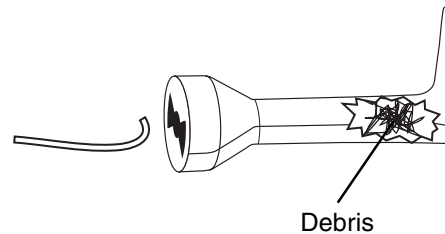
1. Turn gas off at control knob and LP cylinder tank valve.
2. Remove cooking grate.
3. Remove cotter pin from beneath the burner "foot" using a screwdriver or needle nose pliers.
4. Carefully lift the burner up and away from valve opening.
5. Use a narrow bottle brush or a stiff wire bent into a small hook to run through the burner tube and remove brass ring to clean flame port openings.

**Note: Wear eye protection when performing procedure 6.**

6. Use compressed air to blow into burner tube and out the flame ports. Check each port to make sure air comes out each hole.
7. Wire brush entire outer surface of burner to remove food residue and dirt.
8. Check burner for damage, if any large cracks or holes are found replace burner.

**IMPORTANT: Burner opening must slide over valve nozzle.**

9. Carefully replace burner.
10. Replace cotter pin beneath the burner and follow the "Gas Leak Testing" section of this manual. Relight burner to verify proper operation.
11. Replace cooking grate.



**PROPER BURNER OPERATION**

## COOKING GRATE

- Clean with mild soap detergent and water. A brass bristled brush or a nylon cleaning pad can be used to remove residue from the stainless steel surfaces. Do not use steel wire bristles to clean the porcelain coated cooking grills. Steel can cause the finish to chip or crack. DO NOT use a commercial oven cleaner.

## WARNING

### TRANSPORTING AND STORAGE:

- **Never move a grill when it is hot or when objects are on the cooking surfaces.**
- **Make sure that the cylinder valve is shut off. After moving the grill check that all gas connections are free of leaks. Refer to instructions for Leak Testing.**
- **DO NOT store a spare LP gas cylinder (filled or empty) under or near the grill.**
- **Never store flammable liquids or spray canisters under or near the grill.**
- **DO NOT extinguish grease fires using water.**
- **If the outdoor cooking gas appliance is not in use, the gas must be turned off at the supply cylinder.**
- **Storage of an outdoor cooking gas appliance indoors is permissible only if the cylinder is disconnected and removed from the outdoor cooking gas appliance.**
- **When removing the grill from storage, spider webs or other debris may be blocking the burner. See "Burner Assembly/Maintenance" under Proper Care and Maintenance.**

### BEFORE STORING YOUR SIDE BURNER:

- Ensure that the cylinder valve is fully closed.
- Clean all surfaces.
- If storing the grill indoors, disconnect the LP tank and leave LP tank OUTDOORS.
- Place a protective cap cover on the LP tank and store the tank outdoors in a well ventilated area out of direct sunlight.
- Clean burner prior to use after storing, at the beginning of grilling season or after a period of one month not being used. Spiders and insects like to build nests in burner tubes (especially during colder months). These nests can cause fires in burner tubes or under grill.
- If storing the grill outdoors, cover the grill with a grill cover for protection from the weather.

## TROUBLE SHOOTING

Problem:	Possible Causes:
<ul style="list-style-type: none"> <li>• <b>Burner will not light</b></li> </ul>	<ol style="list-style-type: none"> <li>1. Check LP cylinder fuel level.</li> <li>2. Bad electrode spark. Check to see if the side burner will match light. Electrode or collector may need adjustment.</li> <li>3. Burner may not be properly seated.</li> <li>4. Burner may be obstructed.</li> <li>5. The cylinder valve may be closed.</li> <li>6. Regulator is not properly seated on cylinder valve.</li> </ol>
<ul style="list-style-type: none"> <li>• <b>Fire at control knob</b></li> </ul>	<ol style="list-style-type: none"> <li>1. Burner holes may be obstructed. See section on "Burner Assembly/Maintenance" under Proper Care and Maintenance.</li> <li>2. Burner is improperly seated on control valve.</li> <li>3. Gas connections may be loose. Leak Check and tighten all connections.</li> </ol>
<ul style="list-style-type: none"> <li>• <b>Yellow Flames at burner</b></li> </ul>	<ol style="list-style-type: none"> <li>1. Burner is obstructed. See section on "Burner Assembly/Maintenance" under Proper Care and Maintenance.</li> </ol>
<ul style="list-style-type: none"> <li>• <b>Flame blows out on "LOW"</b></li> </ul>	<ol style="list-style-type: none"> <li>1. Burner holes may be obstructed. See section on "Burner Assembly/Maintenance" under Proper Care and Maintenance.</li> <li>2. Side burner is not sufficiently preheated.</li> <li>3. Burner is improperly seated on control valve.</li> </ol>
<ul style="list-style-type: none"> <li>• <b>Burner does not get hot enough</b></li> </ul>	<ol style="list-style-type: none"> <li>1. Flow control device has been activated in regulator. See Regulator Resetting Procedure under Connecting LP Cylinder and Hose/Regulator to side burner.</li> </ol>
<ul style="list-style-type: none"> <li>• <b>Burner is Too Hot</b></li> </ul>	<ol style="list-style-type: none"> <li>1. Excess grease build-up causing grease fires.</li> <li>2. Damaged or faulty regulator. Replace with factory authorized parts.</li> <li>3. Cook on a lower temperature setting.</li> </ol>

## FREQUENTLY ASKED QUESTIONS

Your grill's serial number and model number, and the contact information for Brinkmann Customer Service, are listed on a silver label found on the back of the grill or on the grill body side, under the side shelf.

These questions and answers are for your general knowledge, and may not be applicable to your model grill.

### **Question: Why does my grill not light properly?**

**Answer:** Always follow lighting instructions as listed on the control panel or in this manual. Also check these causes:

- Check LP gas supply.
- Check to ensure all gas connections are secure.
- The igniter AA battery may need replacing.
- Ignition wires may be loose. Remove the battery, inspect the igniter junction box found behind the control panel and connect any loose wires.
- Spark electrode tips may need repositioning. With the gas supply closed and control knob set to the "OFF" position, press the igniter button and have another person watch for the presence of a spark at the electrode tips. The gap between the spark electrode tip and spark receiver should be about 3/16". If the electrode tip needs to be adjusted, bend it to the appropriate gap distance.
- Check that the end of each burner venturi tube is properly located over its gas valve orifice fitting.
- There may be an obstruction in the gas line. To correct this, remove LP gas hose / regulator or natural gas fuel line from your grill. Open gas supply for one second to test for obstruction. If no obstruction is present, reconnect fuel line. If the fuel line is blocked, replace with a new hose / regulator assembly.
- If an obstruction is suspected in the hose / regulator assembly, orifice or gas valves call Brinkmann Customer Service at 800-527-0717.

### **Question: Why does my LP gas grill have a low flame or a flame with orange / yellow color?**

**Answer:** You need to purge air from the gas line or reset the regulator's flow limiting device. Opening the cylinder valve all the way or too quickly triggers the regulator's flow limiting device to shut down the gas flow, which prevents excessive gas flow to your grill.

Note: This procedure should be done every time a new LP gas tank is connected to your grill:

#### **RESETTING THE REGULATOR FLOW LIMITING DEVICE**

- Turn control knob to the "OFF" position.
- Turn off the LP gas tank at the cylinder valve.
- Disconnect regulator from LP gas tank.
- Let tank stand for two minutes.
- Reconnect regulator to the LP gas tank.
- Open grill lid or side burner lid. Turn the cylinder valve on slowly until 1/4 or 1/2 open.
- Light the grill by following the instructions on your control panel or in this owner's manual.

### **Question: How and when do I clean the interior cooking components of my grill?**

**Answer:** Use a fiber or brass cleaning brush to clean the interior of the grill, cooking grills, heat distribution plates and grease containers. Never use a wire brush or metal scraper on porcelain-finished parts, as they can scratch or chip the porcelain finish and promote rusting.

## FREQUENTLY ASKED QUESTIONS

**Cleaning Stainless Steel Cooking Grills:** Wash grills with a mild detergent and rinse with hot water before initial use and as needed. DO NOT use a commercial oven cleaner. For stubborn food residue, use a degreaser and fiber or brass cleaning brush.

**Cleaning Porcelain-Finished Cast-Iron Cooking Grills:** Wash grills with a mild detergent and rinse with hot water before initial use and as needed. For stubborn food residue, use a degreaser and fiber or brass cleaning brush. Dry immediately using a soft cloth or paper towels.

**Cleaning Heat Distribution Plate:** Heat distribution plates should be cleaned whenever food or grease drippings accumulate to reduce the chance of flare-ups. Wash heat distribution plates with a mild detergent and rinse with hot water. Use a degreaser and fiber or brass cleaning brush to remove stubborn food residue. Do not use a wire brush or metal scraper on porcelain-finished heat distribution plates, as they can scratch or chip the porcelain finish and promote rusting.

**Cleaning the Grease Tray and/or Grease Cup:** The grease tray and/or grease cup (some models) should be inspected before each grill use to reduce the chance of fire. Remove grease (a plastic spatula works well) and wash all parts with a mild soap or degreaser and warm water solution.

**Question: What causes grill parts to rust and what effect does it have on the grill materials?**

**Answer:** Rusting is a natural oxidation process and may appear on cast-iron and steel parts. Rust will not affect the short-term performance of your grill. However, weathering and extreme heat can cause a stainless steel lid to turn a bronze color. This is discoloration, not rust, and is not considered a manufacturing defect.

**Question: What causes my stainless steel grill lid to discolor and how do I clean my grill lid?**

**Answer:** Smoke, weathering and high heat can cause a stainless steel grill lid to turn bronze in color. This is not to be confused with rust and is not a product defect. Machine oils used in the manufacturing process of stainless steel as well as cooking oils and a dirty grill lid can also encourage discoloration if the lid is not cleaned prior to grill use. After your grill is assembled, remove the protective PVC film from your grill lid and use a stainless steel cleaner and soft cloth to remove residual adhesive and oils from the inside and outside of your grill lid. Never use abrasive cleaners or scrubbers. In addition to the initial cleaning, routine cleaning to remove dirt, grease and oils will help discourage lid discoloration.

**Question: Can I convert my grill from propane gas to natural gas?**

**Answer:** Most gas grills are manufactured to exact specifications and are certified for either propane gas or natural gas use only. However, some models can be converted safely with conversion kits available for specific models. Contact Brinkmann Customer Service at 800-527-0717 to see if your grill can be converted.

**Question: Why does the hose / regulator assembly supplied with my grill not fit the older LP gas tank I've used for years?**

**Answer:** U.S. Government regulates gas appliances and LP gas tanks. When regulations were changed, the LP gas tank fittings were updated to ensure compliance. If your LP gas tank does not fit the hose / regulator supplied with your new grill, the tank is outdated and must be replaced. Note: Effective April 1, 2002, all LP gas tanks sold must include an "OPD" overflow protection device. This internal device prevents the LP gas tank from being overfilled. Tanks without an OPD valve cannot be refilled.

**Question: Sometimes I hear a humming sound coming from my gas regulator. Should I be concerned?**

**Answer:** The humming sound is gas flowing through the regulator. A low volume of noise is normal and will not interfere with the operation of your grill. If the humming noise is loud and excessive, you need to purge air from the gas line or reset the regulator flow limiting device following the Regulator Resetting Procedure under Connecting LP Cylinder and Hose/Regulator to Grill. This procedure should be done every time a new LP gas tank is connected to your grill. For help, refer to your owner's manual or call Brinkmann Customer Service at 800-527-0717.

# ASSEMBLY INSTRUCTIONS

**▲ READ ALL SAFETY WARNINGS & ASSEMBLY INSTRUCTIONS CAREFULLY  
BEFORE ASSEMBLING OR OPERATING YOUR GRILL.**

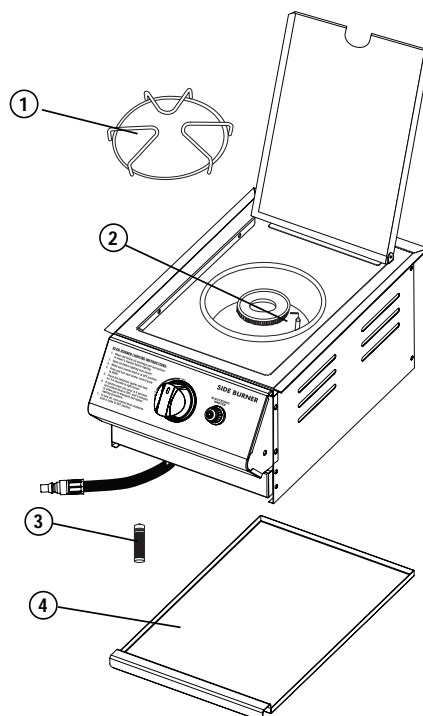
No tools are required to assemble this  
LP Gas Drop-In Side Burner:

## **PARTS LIST:**

- |   |   |                      |
|---|---|----------------------|
| ① | 1 | Cooking Grate        |
| ② | 1 | Side Burner Assembly |
| ③ | 1 | Battery              |
| ④ | 1 | Grease Tray          |

**FOR MISSING PARTS, PLEASE CALL CUSTOMER  
SERVICE AT 800-527-0717.**

(Proof of purchase will be required.)  
Inspect contents of the box to ensure all parts are  
included and undamaged.



## Placement Of The Grill

### Location

When determining a suitable location take into account concerns such as exposure to wind, proximity to traffic paths, and keeping gas supply lines as short as possible. Place the grill in well ventilated areas. Never locate the grill in a building, garage, breezeway, shed or other such enclosed areas. During heavy use, the grill will produce a lot of smoke. For your comfort, we recommend a finished height for your grill base of 36 to 38 inches (91.4 to 96.5 cm) and a minimum of 12 inches (30.5 cm) on either side of your grill.

### Clearance

#### **Non-combustible Construction**

A minimum of 6 inches (15.3 cm) clearance from the back of the side burner to non-combustible materials are required for the lid to open fully.

### Ventilation

We recommend that adequate ventilation be incorporated into your built in grill base. Vents should be placed on both sides of your grill base. The upper vent opening should be at least 20 square inches (129 cm<sup>2</sup>) and located within 5 inches (12.7 cm) of the top edge of your grill base. The lower vent opening should be at least 10 square inches (64.5 cm<sup>2</sup>) and located within 1 inch (2.5 cm) or less from floor level of your grill base.



## **⚠ WARNING:**

Do not install this unit into combustible enclosures. Maintain a minimum clearance of 36 inches (91 cm) between all sides of grill and walls or other combustible material. DO NOT use grill under overhead unprotected combustible construction.

Drop-in cutout dimensions for the Stainless Steel LP Gas Drop-In Side Burner:

Length: 18 1/2" (47 cm)

Width: 12 3/4" (32.4 cm)

Height: 9 1/2" (24.1 cm)

## **Front View**

The following are minimum dimensions necessary to install the Charmglow Drop-In Side Burner.

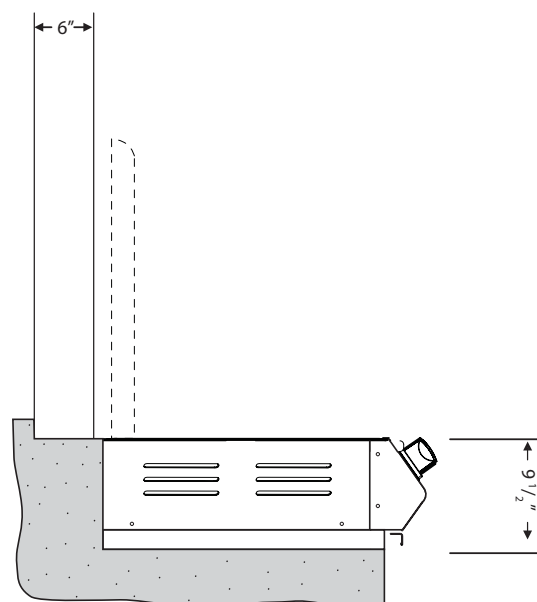
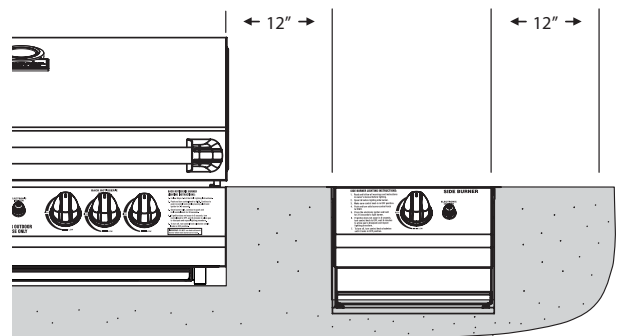
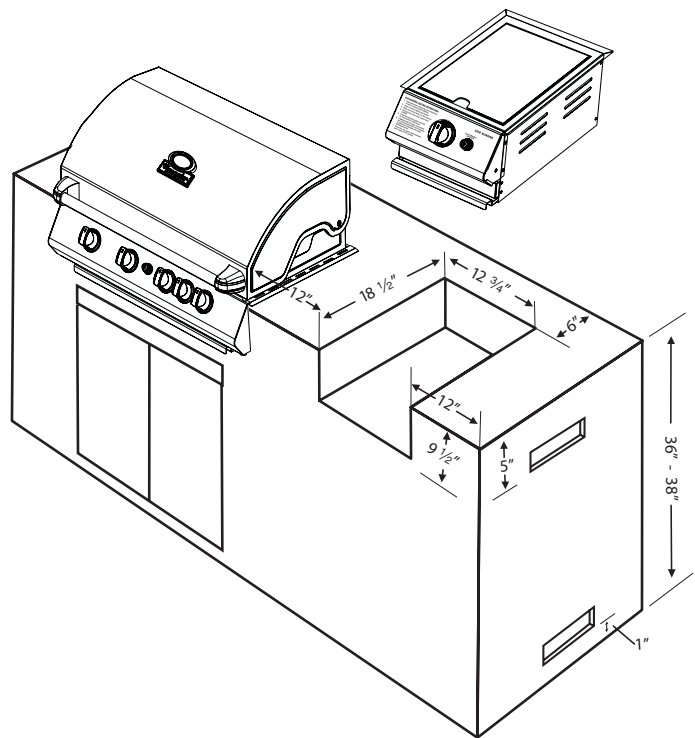
A minimum of 12 inches (30.5 cm) clearance is needed from the right side of the side burner to non-combustible materials.

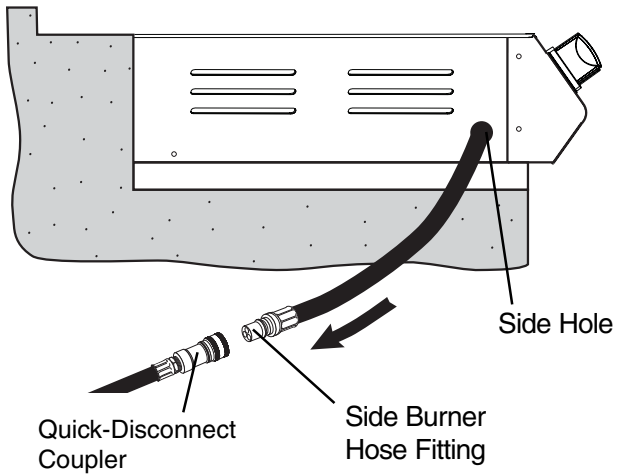
## **Side View**

The following are minimum clearances necessary around the Charmglow Drop-In Side Burner.

Rear Clearance:

- 6 inches (15.3 cm) to non-combustible materials
- 36 inches (91.4 cm) to combustible materials

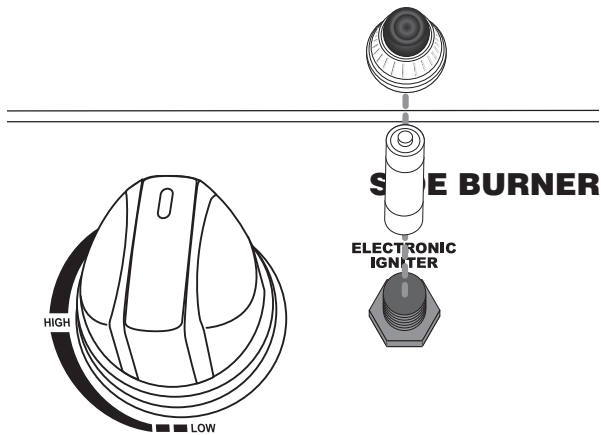
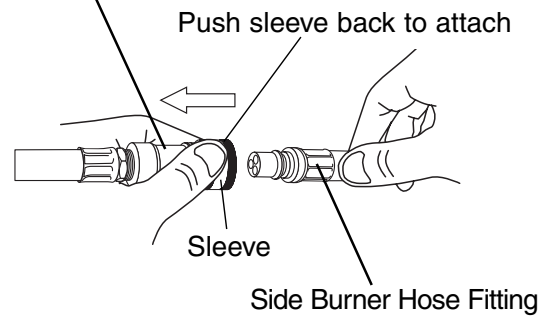




## Hose Connection

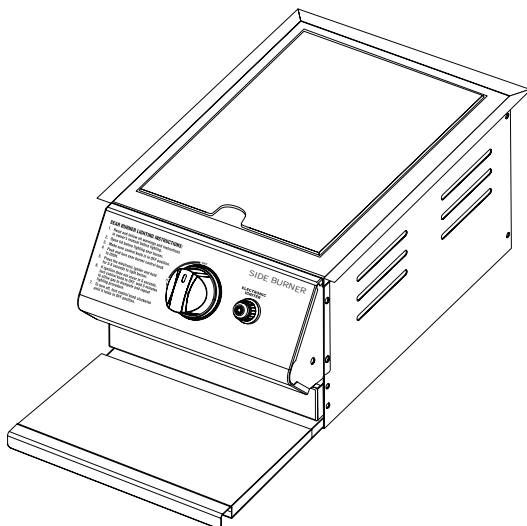
After dropping in the side burner, run the side burner hose fitting through the side hole and pull hose through as far as possible. Then connect it to the quick-disconnect coupler.

### Quick-Disconnect Coupler



## Battery Installation

Remove burner igniter cap and insert battery with positive end of battery toward igniter cap. Replace igniter cap and make sure the igniter is working properly.



## Grease Tray Installation

Insert side burner grease tray into opening on front side of unit.