

GAS COOKTOP INSTALLATION INSTRUCTIONS

(For 36" Models with 6 Sealed Burners)



**INSTALLATION AND SERVICE MUST BE PERFORMED BY
A QUALIFIED INSTALLER.**

**IMPORTANT: SAVE FOR LOCAL ELECTRICAL INSPECTOR'S USE.
READ AND SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

⚠ WARNING If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

FOR YOUR SAFETY:

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS:**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

For Standard Installation:

Gas Cooktop Dimensions

Gas Cooktop Cutout Dimensions

For Installation with the optional Stainless Steel Backsplash see page 2.

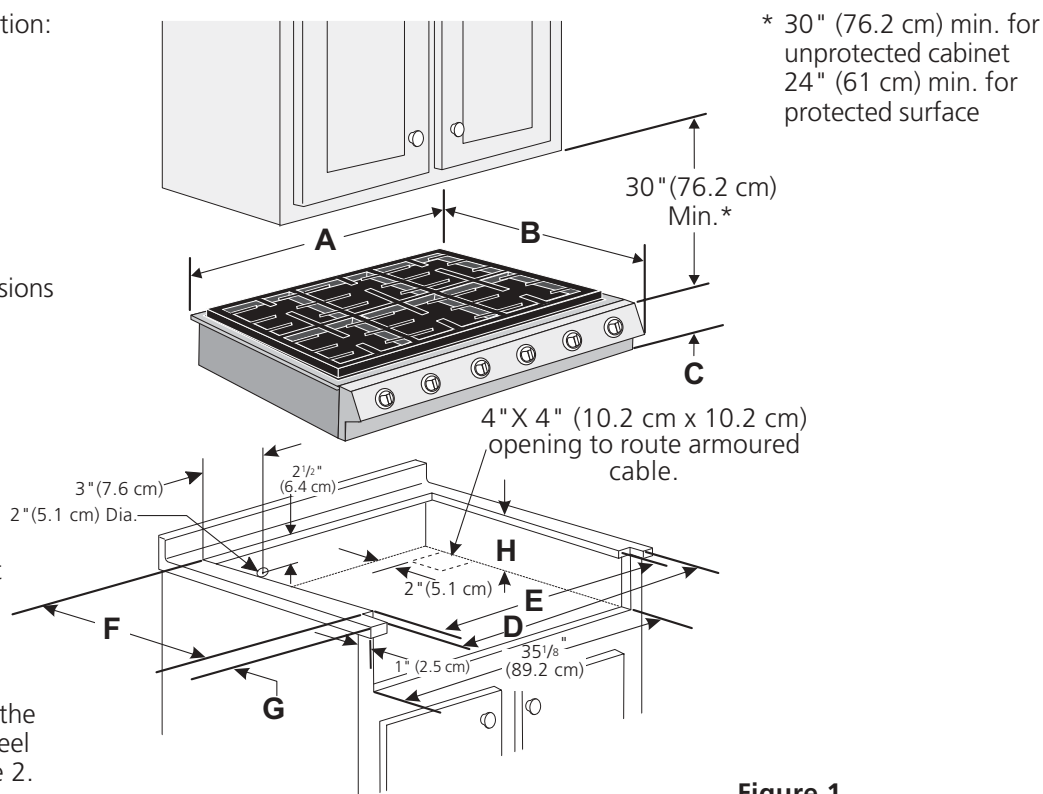


Figure 1

MODEL	A. LENGTH	B. WIDTH	C. DEPTH	CUTOUT DIMENSIONS				H. DEPTH BELOW COOKTOP*
				D	E	F	G	
36 (91.4)	35 ⁷ / ₈ (91.1)	25 ³ / ₄ (65.4)	7 ³ / ₄ (19.7)	36 (91.4)	35 ³ / ₁₆ (89.4)	22 (55.9)	1 ¹ / ₈ (2.9) Max.	7 ¹ / ₂ (19.1) Min.- 8 ¹ / ₂ (21.6) Max.

All dimensions are in inches (cm).

NOTE: Wiring diagrams for this cooktop are enclosed in this booklet

318201455 (0402) Rev. C

English - pages 1-8

Español - páginas 9-16

Français - pages 17-23

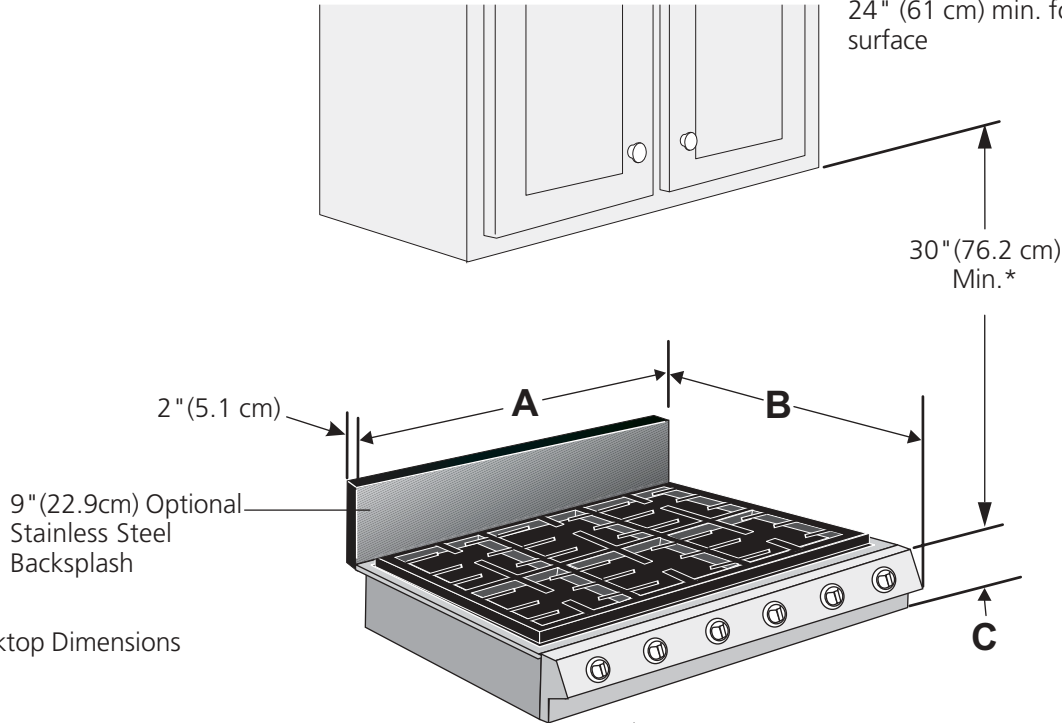
Wiring Diagram page - Diagrama de la instalación alámbrica página - 24

GAS COOKTOP INSTALLATION INSTRUCTIONS

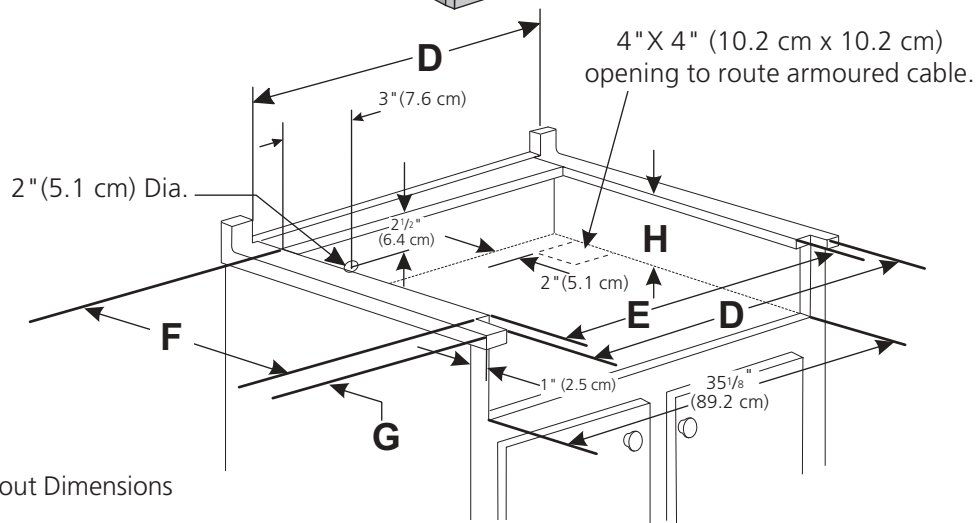
(For 36" Models with 6 Sealed Burners)

For Installation with the optional Stainless Steel Backsplash.

* 30" (76.2 cm) min. for unprotected cabinet
24" (61 cm) min. for protected surface



Gas Cooktop Dimensions



Gas Cooktop Cutout Dimensions

Figure 2

MODEL	A. LENGTH	B. WIDTH	C. DEPTH	CUTOUT DIMENSIONS				H. DEPTH BELOW COOKTOP*
				D	E	F	G	
36 (91.4)	35 7/8 (91.1)	25 3/4 (65.4)	7 3/4 (19.7)	36 (91.4)	35 3/16 (89.4)	22 (55.9)	1 1/8 (2.9) Max.	7 1/2 (19.1) Min. - 8 1/2 (21.6) Max.

GAS COOKTOP INSTALLATION INSTRUCTIONS

(For 36" Models with 6 Sealed Burners)

Important Notes to the Installer

1. Read all instructions contained in these installation instructions before installing the cooktop.
2. Remove all packing material before connecting the electrical supply to the cooktop.
3. Observe all governing codes and ordinances.
4. Be sure to leave these instructions with the consumer.
5. Note: For operation at 2000 ft. elevations above sea level, appliance rating shall be reduced by 4 percent for each additional 1000 ft.

Important Note to the Consumer

Keep these instructions with your Use and Care Guide for future reference.

Optional Items Available:

- A 9" (22.9cm) Stainless Steel Backsplash Kit #903048-9010
- A Black Knobs Kit #903049-9100

Those kits can be ordered through the Service Center at 1-877-4ELECTROLUX (1-877-435-3287). However, all costs related to those kits will be at customer charges.

IMPORTANT SAFETY INSTRUCTIONS

Installation of this cooktop must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1/NFPA 54—latest edition in the United States, or in Canada, with the Canadian Fuel Gas Code, CAN/CGA B149 and CAN/CGA B149.2.

- When installed in a manufactured (mobile) home installation must conform with the Manufactured Home Construction and Safety Standard, title 24 CFR, part 3280 [Formerly the Federal Standard for Mobile Home Construction and Safety, title 24, HUD (part 280)] or, when such standard is not applicable, the Standard for Manufactured Home Installation, ANSI/NCSBCS A225.1 or with local codes where applicable.

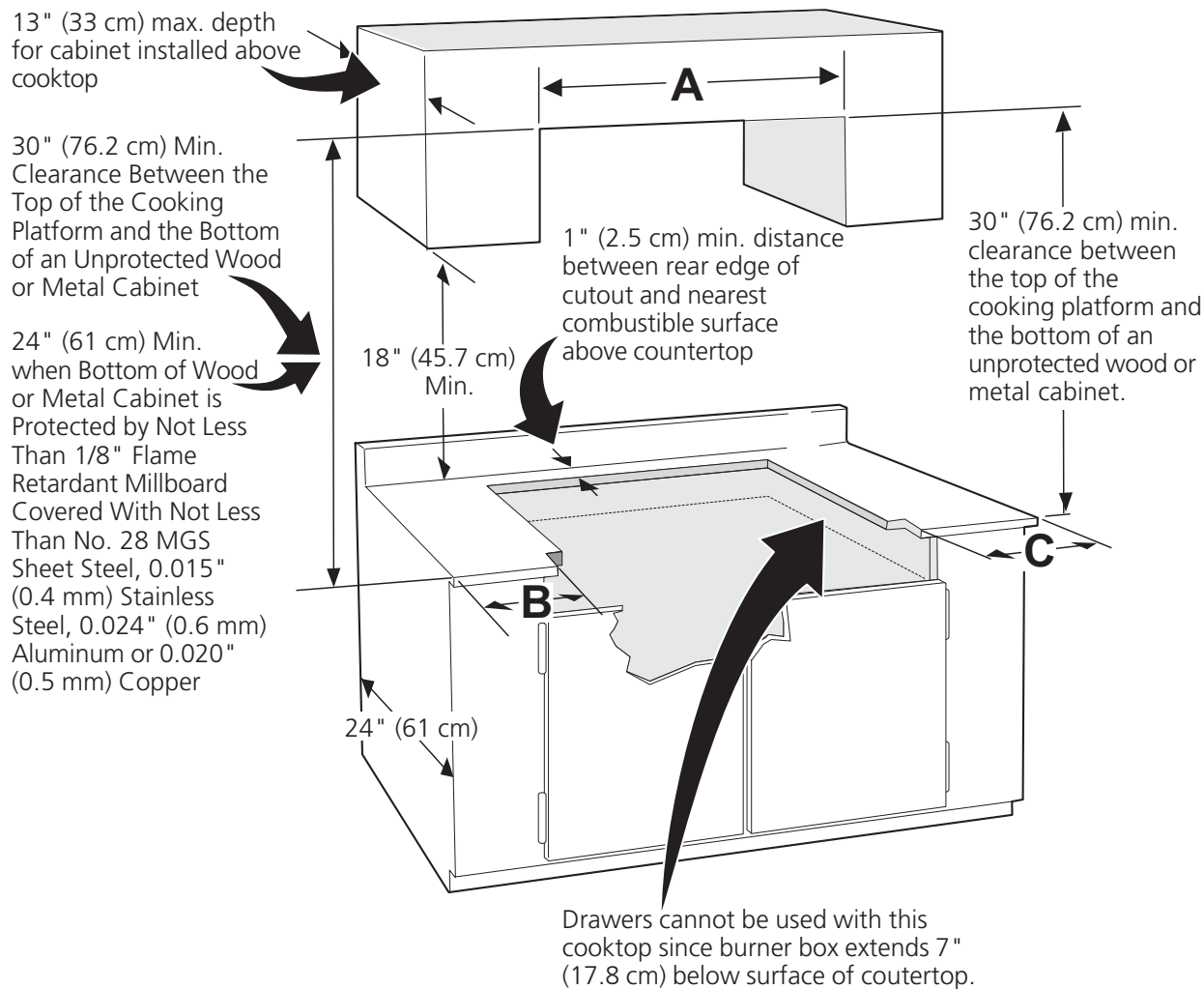
This cooktop has been design certified by International Approval Services (I.A.S.). As with any appliance using gas and generating heat, there are certain safety precautions you should follow. You will find them in the **Use and Care Guide**, read it carefully.

- Be sure your cooktop is installed and grounded properly by a qualified installer or service technician.
- This cooktop must be electrically grounded in accordance with local codes or, in their absence, with the National Electrical Code ANSI/NFPA No. 70—latest edition in the United States, or in Canada, with the Canadian Electrical Code, CSA C22.1 Part 1.
- The burners can be lit manually during an electrical power outage. To light a burner, hold a lit match to the burner head, then slowly turn the Surface Control knob to LITE. Use caution when lighting burners manually.
- Do not store items of interest to children in cabinets above the cooktop. Children could be seriously burned climbing on the cooktop to reach items.
- To eliminate the need to reach over the surface burners, cabinet storage space above the burners should be avoided.
- Adjust surface burner flame size so it does not extend beyond the edge of the cooking utensil. Excessive flame is hazardous.
- Never use your cooktop for warming or heating the room. Prolonged use of the cooktop without adequate ventilation can be hazardous.
- Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance. Explosions or fires could result.

⚠ WARNING The electrical power to the cooktop must be shut off while gas line connections are being made. Failure to do so could result in serious injury or death.

GAS COOKTOP INSTALLATION INSTRUCTIONS

(For 36" Models with 6 Sealed Burners)



CAUTION To eliminate the risk of burns or fire by reaching over heated surfaces, cabinet storage space located above the cooktop should be avoided. If cabinet storage is provided, risk can be reduced by installing a range hood that projects horizontally a minimum of 7" (17.8 cm) beyond the bottom of the cabinets.

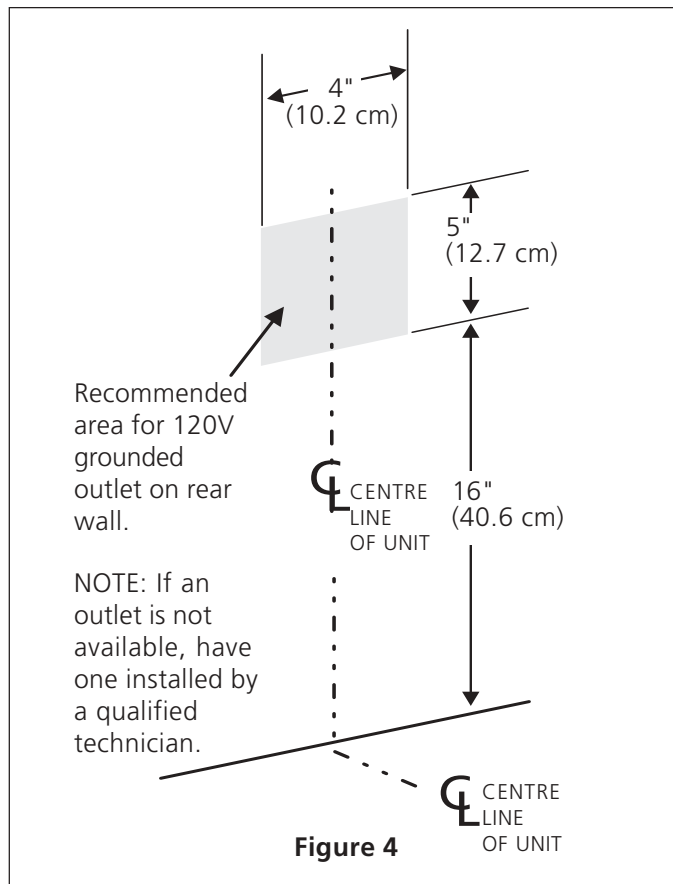
MODEL	A	B. Minimum Clearance from Left Side	C. Minimum Clearance from Right Side
36" (91.4 cm)	36" (91.4 cm)	7" (17.8 cm)	7" (17.8 cm)

Figure 3 – CABINET DESIGN

GAS COOKTOP INSTALLATION INSTRUCTIONS

(For 36" Models with 6 Sealed Burners)

Wall Outlet Location



Provide an Adequate Gas Supply

This cooktop is designed to operate on natural gas at 4" (10.2 cm) of manifold pressure only.

A pressure regulator is connected in series with the manifold on the cooktop and must remain in series with the supply line.

For proper operation, the maximum inlet pressure to the regulator must be no more than 14" (35.6 cm) of water column (W.C.) pressure.

For checking the regulator, the inlet pressure must be at least 1" (2.5 cm) (or 2.5 kPa) greater than the regulator manifold pressure setting. The regulator is set for 4" (10.2 cm) of manifold pressure, the inlet pressure must be at least 5" (12.7 cm).

The gas supply line to the range should be 1/2" (1.3 cm) or 3/4" (1.9 cm) pipe.

LP/Propane Gas Conversion

This appliance can be used with Natural gas or LP/Propane gas. It is shipped from the factory for use with natural gas.

A kit for converting to LP gas is supplied with your cooktop. The kit is marked "FOR LP/PROPANE GAS CONVERSION".

The conversion must be performed by a qualified service technician in accordance with the kit instructions and all local codes and requirements. Failure to follow instructions could result in serious injury or property damage. The qualified agency performing this work assumes responsibility for the conversion.

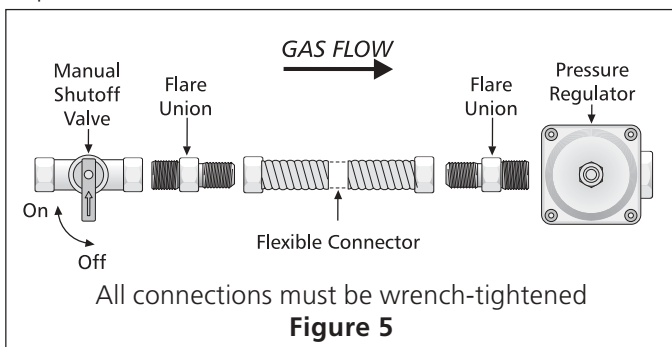
WARNING Failure to make the appropriate conversion can result in personal injury and property damage.

Important: Remove all packing material and literature from cooktop before connecting gas and electrical supply to cooktop.

Install Pressure Regulator

Install the pressure regulator with the arrow on the regulator pointing up toward the unit in a position where you can reach the access cap.

WARNING Do not make the connection too tight. The regulator is die cast. Overtightening may crack the regulator resulting in a gas leak and possible fire or explosion.



Assemble the flexible connector from the gas supply pipe to the pressure regulator in the following order:

1. manual shutoff valve
2. 1/2" (1.3 cm) nipple
3. 1/2" (1.3 cm) flare union adapter
4. flexible connector
5. 1/2" (1.3 cm) flare union adapter
6. 1/2" (1.3 cm) nipple
7. pressure regulator

Use pipe-joint compound made for use with Natural and LP/Propane gas to seal all gas connections. If flexible connectors are used, be certain connectors are not kinked.

GAS COOKTOP INSTALLATION INSTRUCTIONS

(For 36" Models with 6 Sealed Burners)

The supply line should be equipped with an approved shutoff valve. This valve should be located in the same room as the cooktop and should be in a location that allows ease of opening and closing. Do not block access to the shutoff valve. The valve is for turning on or shutting off gas to the appliance.

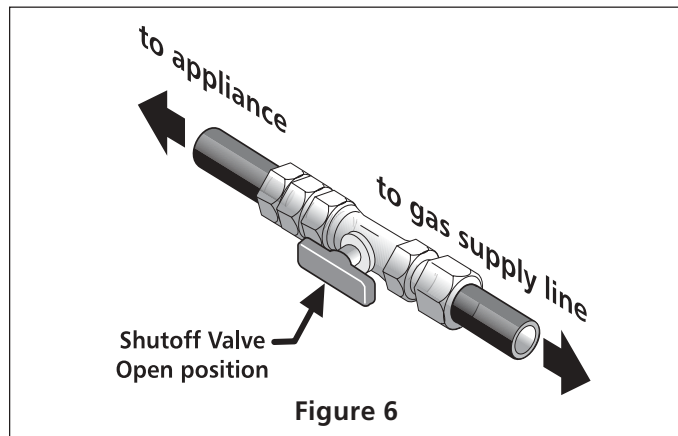


Figure 6

Open the shutoff valve in the gas supply line. Wait a few minutes for gas to move through the gas line.

Check for leaks. Leak testing of the appliance shall be conducted according to the manufacturer's instructions. After connecting the cooktop to the gas supply, check the system for leaks with a manometer. If a manometer is not available, turn on the gas supply and use a liquid leak detector (or soap and water) at all joints and connections to check for leaks.

⚠ WARNING Do not use a flame to check for leaks from gas connections. Checking for leaks with a flame may result in a fire or explosion.

Tighten all connections if necessary to prevent gas leakage in the cooktop or supply line.

Check alignment of valves after connecting the cooktop to the gas supply to be sure the cooktop manifold pipe has not been moved.

Disconnect this cooktop and its individual shutoff valve from the gas supply piping system during any pressure testing of that system at test pressures greater than 1/2 psig (3.5 kPa or 14" (35.6 cm) water column).

Isolate the cooktop from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa or 14" (35.6 cm) water column).

Electrical Requirements

120 volt, 60 Hertz, properly grounded branch circuit protected by a 15 amp circuit breaker or time delay fuse. **Do not use an extension cord with this cooktop.**

Grounding Instructions

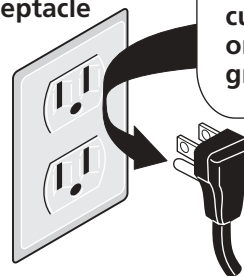
IMPORTANT Please read carefully.

For personal safety, this appliance must be properly grounded.

The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong grounding wall receptacle (see Figure 7) to minimize the possibility of electric shock hazard from the appliance.

Preferred Method

Grounding type wall receptacle



Do not, under any circumstances, cut, remove, or bypass the grounding prong.

Power supply cord with 3-prong grounding plug.

Figure 7

The wall receptacle and circuit should be checked by a qualified electrician to make sure the receptacle is properly grounded.

Where a standard 2-prong wall receptacle is installed, it is the personal responsibility and obligation of the consumer to have it replaced by a properly grounded 3-prong wall receptacle.

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

⚠ WARNING Disconnect electrical supply cord from wall receptacle before servicing cooktop.

Cooktop Installation

1. Visually inspect the cooktop for damage.
2. If you are installing the optional Stainless Steel backsplash, first fix it at the back of the cooktop using the screws supplied with the kit and follow the instructions attached.
Go to step 3, If you are not installing the Optional Stainless Steel backsplash.
3. Set the cooktop into the countertop cutout.

NOTE: Do not use caulking compound; cooktop should be removable for service when needed.

GAS COOKTOP INSTALLATION INSTRUCTIONS

(For 36" Models with 6 Sealed Burners)

Checking Operation

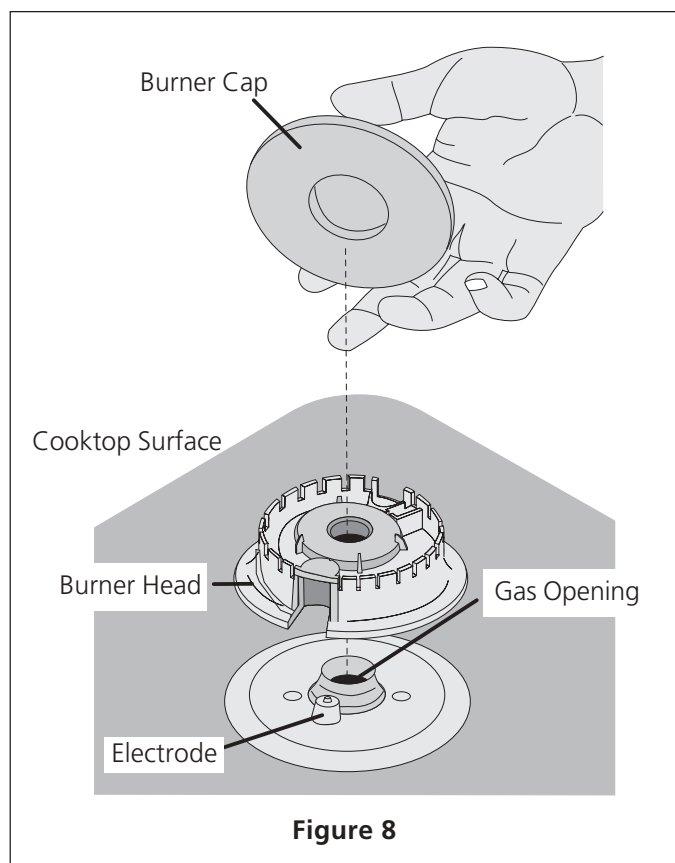
Refer to the **Use and Care Guide** packaged with the cooktop for operating instructions and for care and cleaning of your cooktop.

⚠ CAUTION Do not touch the burners. They may be hot enough to cause burns.

1. Install Burner Caps

This cooktop is equipped with sealed burners as shown (see Figure 8).

- Unpack your burner heads and burner caps.
- Place burner head over each gas orifice, matching the head with the orifice size. **Be careful not to damage the electrode while placing the head over the orifice.** Make sure electrode fits correctly into slot in burner head.
- Place a burner cap on each burner head, matching the cap size to the head size. Each burner cap has an inner locating ring which centers the cap correctly on the burner head.
- Be sure that all the burner caps and burner heads are correctly placed BEFORE using your cooktop.



NOTE: There are no burner adjustments necessary on this cooktop.

2. Turn on Electrical Power and Open Main Shutoff Gas Valve

3. Check the Igniters

Operation of electric igniters should be checked after cooktop and supply line connectors have been carefully checked for leaks and the cooktop has been connected to electric power.

To operate the surface burner:

- Push in and turn a surface burner knob to the LITE position. You will hear a ticking noise; this is the sound of the electric ignitor which lights the burner.
- After the burner lights, turn to the desired flame size. The controls do not have to be set at a particular mark. Use the marks as a guide and adjust the flame as needed.

4. Adjust the "LO" or "SIMMER" Setting of Surface Burner Valves (see Figure 9)

Push in and turn each control knob to the "LO" (or "SIMMER") setting. The "LO" setting of each burner has been set at the factory to the lowest setting available to provide reliable reignition of the burner. If it does not stay lit on the "LO" setting, check the setting as follows.

⚠ CAUTION Be careful when performing this operation.

- Allow cooktop to cool to room temperature.
- Light all burners by turning each control knob to LITE until burners ignite, and then set them at "HI".
- Quickly turn the knob to the LOWEST POSITION.
- If burner goes out, readjust valve as follows: Remove the surface burner control knob, insert a thin-bladed screw driver into the hollow valve stem and engage the slotted screw inside. Flame size can be increased or decreased with the turn of the screw. To increase flame size turn the screw counterclockwise and to decrease turn clockwise. Adjust flame until you can quickly turn knob from HI to LOWEST POSITION without extinguishing the flame. Flame should be as small as possible without going out.
- If you need to adjust another burner, repeat the steps from A to D above until all burners operate properly.

GAS COOKTOP INSTALLATION INSTRUCTIONS

(For 36" Models with 6 Sealed Burners)

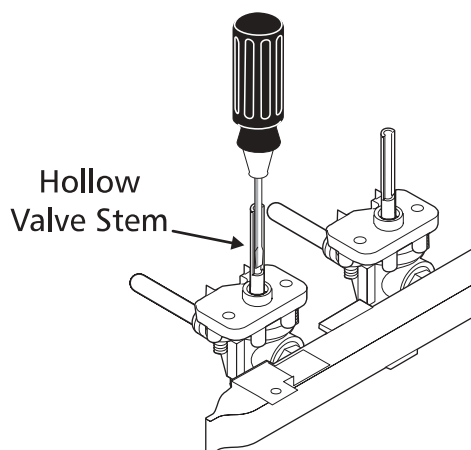


Figure 9

When All Hookups are Complete

Make sure all controls are left in the OFF position.

Make sure the flow of combustion and ventilation air to the cooktop is unobstructed.

Model and Serial Number Location

The serial plate is located on the underside of the cooktop.

When ordering parts for or making inquiries about your range, always be sure to include the model and serial numbers and a lot number or letter from the serial plate of your cooktop.

Your serial plate also tells you the rating of the burners, the type of fuel and the pressure the cooktop was adjusted for when it left the factory.

Before You Call for Service

Read the Before You Call Checklist and operating instructions in your **Use and Care Guide**. It may save you time and expense. The list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

Refer to your **Use and Care Guide** for Sears service phone numbers. Please call if you have inquiries about your product and/or need to order parts.