

30" (76.2 CM) AND 36" (91.4 CM) GAS COOKTOP INSTALLATION INSTRUCTIONS

INSTRUCTIONS D'INSTALLATION DE LA TABLE DE CUISSON À GAZ DE 30" (76,2 CM) ET DE 36" (91,4 CM)

Table of Contents/Table des matières

COOKTOP SAFETY	1	SÉCURITÉ DE LA TABLE DE CUISSON	17
INSTALLATION REQUIREMENTS	3	EXIGENCES D'INSTALLATION	19
Tools and Parts.....	3	Outils et pièces.....	19
Location Requirements	3	Exigences d'emplacement.....	19
Electrical Requirements	7	Spécifications électriques	23
Gas Supply Requirements	7	Spécifications de l'alimentation en gaz	23
INSTALLATION INSTRUCTIONS	9	INSTRUCTIONS D'INSTALLATION	25
Install Cooktop	9	Installation de la table de cuisson.....	25
Make Gas Connection	9	Raccordement au gaz.....	25
Complete Installation	11	Terminer l'installation.....	27
GAS CONVERSIONS	11	CONVERSIONS POUR CHANGEMENT DE GAZ	27
Propane Gas Conversion.....	11	Conversion pour l'alimentation au propane	27
Natural Gas Conversion.....	14	Conversion pour l'alimentation au gaz naturel	30

COOKTOP SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING."

These words mean:

⚠ DANGER

You can be killed or seriously injured if you don't immediately follow instructions.

⚠ WARNING

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

IMPORTANT:

Installer: Leave installation instructions with the homeowner.

Homeowner: Keep installation instructions for future reference.

IMPORTANT :

Installateur : Remettre les instructions d'installation au propriétaire.

Propriétaire : Conserver les instructions d'installation pour référence ultérieure.

WARNING: If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

- 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.

WARNING: Gas leaks cannot always be detected by smell.

Gas suppliers recommend that you use a gas detector approved by UL or CSA.

For more information, contact your gas supplier.

If a gas leak is detected, follow the "What to do if you smell gas" instructions.

IMPORTANT: Do not install a ventilation system that blows air downward toward this gas cooking appliance. This type of ventilation system may cause ignition and combustion problems with this gas cooking appliance resulting in personal injury or unintended operation.

In the State of Massachusetts, the following installation instructions apply:

- Installations and repairs must be performed by a qualified or licensed contractor, plumber, or gas fitter qualified or licensed by the State of Massachusetts.
- Acceptable Shut-off Devices: Gas Cocks and Ball Valves installed for use shall be listed.
- A flexible gas connector, when used, must not exceed 4 feet (121.9 cm).

INSTALLATION REQUIREMENTS

Tools and Parts

Gather the required tools and parts before starting installation.

Tools needed

- Tape measure
- Flat-blade screwdriver
- Phillips screwdriver
- 15/16" (24 mm) combination wrench
- Pipe wrench
- Wrench or pliers
- Marker or pencil
- Pipe-joint compound resistant to Propane gas
- Noncorrosive leak-detection solution

Parts supplied

- Gas pressure regulator
- Burner grates
- Burner bases
- Burner caps
- Clamp brackets (2)
- 2¹/₂" (6.4 cm) clamping screws (2)

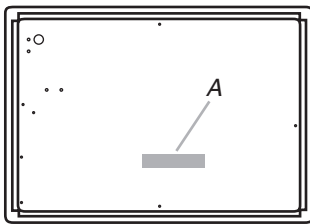
Parts needed

Check local codes and consult gas supplier. Check existing gas supply and electrical supply. See the "Electrical Requirements" and "Gas Supply Requirements" sections.

Location Requirements

IMPORTANT: Observe all governing codes and ordinances. Do not obstruct flow of combustion and ventilation air.

- It is the installer's responsibility to comply with installation clearances specified on the model/serial/rating plate. The model/serial/rating plate is located on the underside of the cooktop base.



A. Model/serial/rating plate

- The cooktop must be a specified cooktop that is approved to be installed either alone or over an undercounter built-in oven. Check the cooktop base approved installation label for your cooktop model number and approved combinations of cooktops and ovens that can be installed. If you do not find this label, your cooktop may not be approved for use over an undercounter built-in oven. Contact your dealer to confirm that your cooktop is approved.

- Ovens approved for this type of installation will have an approval label located on the top of the oven. If you do not find this label, contact your dealer to confirm that your oven is approved. Refer to oven manufacturer's Installation Instructions for approval for built-in undercounter use and proper cutout dimensions.
- The cooktop should be installed in a location away from strong draft areas, such as windows, doors, and strong heating vents or fans.
- All openings in the wall or floor where cooktop is to be installed must be sealed.
- Cabinet opening dimensions that are shown must be used. Given dimensions are minimum clearances.
- Grounded electrical supply is required. See the "Electrical Requirements" section.
- Proper gas supply connection must be available. See the "Gas Supply Requirements" section.
- The cooktop is designed to hang from the countertop by its side or rear flanges.
- The gas and electric supply should be located as shown in "Gas and Electric Connection Locations" in the "Location Requirements" section so that they are accessible without requiring removal of the cooktop.
- Provide cutout in right rear corner of cutout enclosure as shown to provide clearance for gas inlet, power supply cord, and to allow the rating label to be visible.

IMPORTANT: To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate, or sustain other damage.

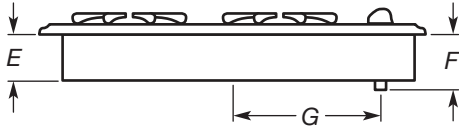
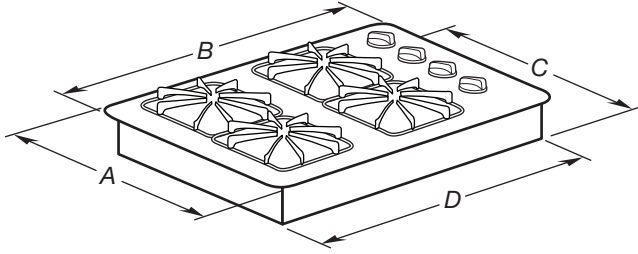
Mobile Home: Additional Installation Requirements

The installation of this cooktop must conform to 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). When such standard is not applicable, use the Standard for Manufactured Home Installations, ANSI A225.1/NFPA 501A or local codes.

In Canada, the installation of this cooktop must conform with the current standards CAN/CSA — A240-latest edition — or with local codes.

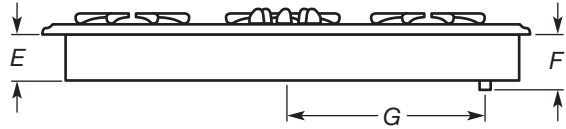
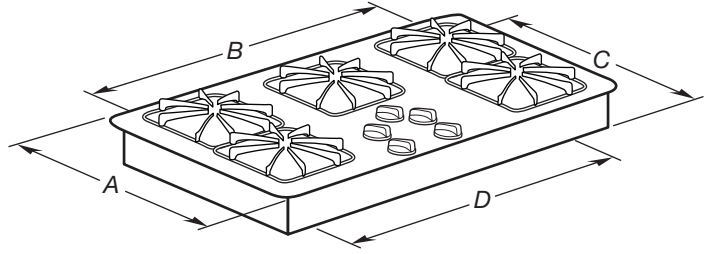
Product Dimensions

30" (76.2 cm) Models



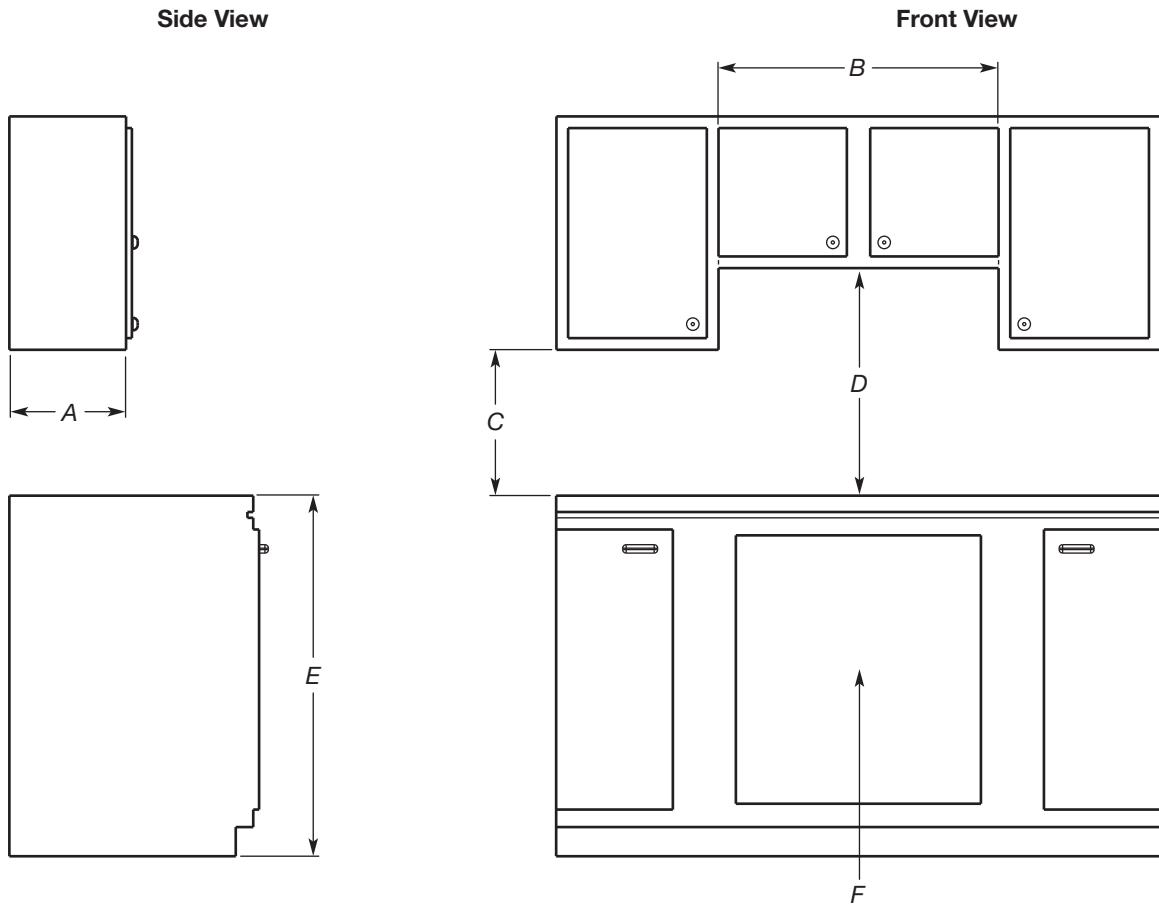
- A. 21" (53.3 cm)
- B. 29¹/₂" (74.9 cm)
- C. 19¹⁵/₁₆" (50.6 cm)
- D. 28¹/₂" (72.4 cm)
- E. 3³/₁₆" (9.7 cm)
- F. 5¹/₄" (13.3 cm)
- G. 12¹/₄" (31.1 cm)

36" (91.4 cm) Models



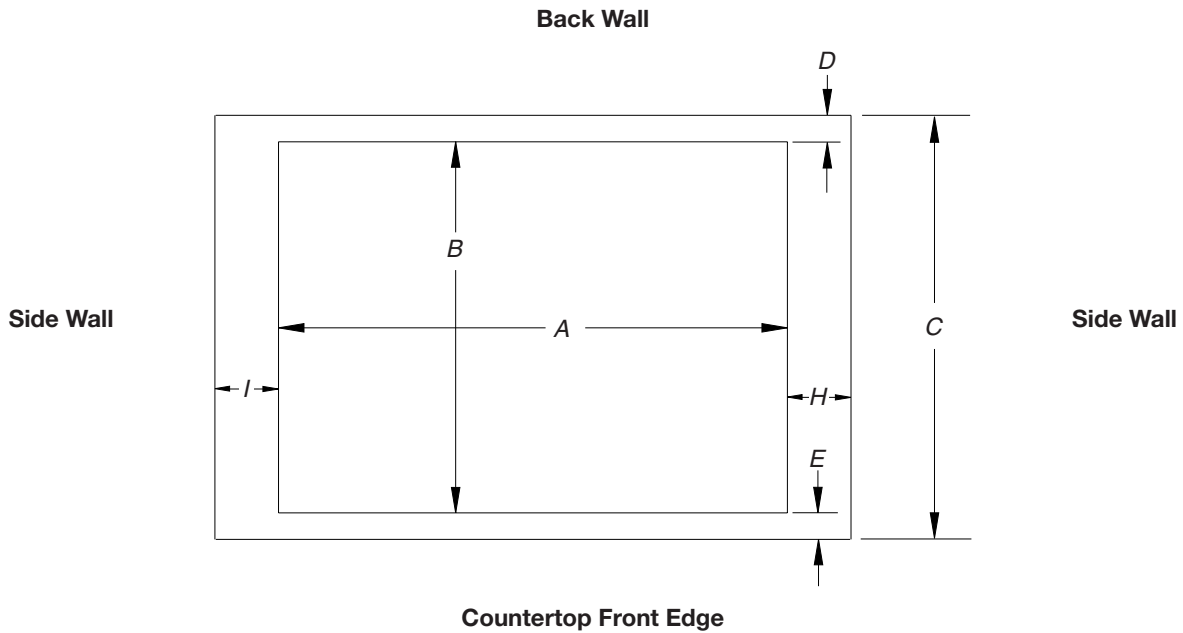
- A. 21" (53.3 cm)
- B. 36" (91.4 cm)
- C. 19¹⁵/₁₆" (50.6 cm)
- D. 34¹/₂" (87.6 cm)
- E. 3³/₁₆" (9.7 cm)
- F. 5¹/₄" (13.3 cm)
- G. 15¹/₄" (38.7 cm)

Cabinet Clearances



- A. 13" (33.0 cm) recommended upper cabinet depth.
- B. 30" (76.2 cm) for 30" models; 36" (91.4 cm) for 36" models.
- C. 18" (45.7 cm) minimum clearance from upper cabinet to countertop within minimum horizontal clearances to cooktop.
- D. 30" (76.2 cm) minimum clearance between top of cooktop platform and bottom of uncovered wood or metal cabinet (24" [61 cm] minimum clearance if bottom of wood or metal cabinet is covered by not less than 1/4" [6.4 mm] flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" [0.4 mm] stainless steel, or 0.024" [0.6 mm] aluminum or 0.020" [0.5 mm] copper)
- E. 36" (91.4 cm) top of countertop to floor.
- F. Gas line opening:
 Wall: anywhere 5" (12.7 cm) below underside of countertop.
 Cabinet floor: anywhere within 6" (15.2 cm) of rear wall is recommended.

Cutout Dimensions: Top View



Cutout (Product Opening) Dimensions						
Models	A			B		
	Min	Recommended	Max	Min	Recommended	Max
30" (76.2 cm)	28 ⁷ / ₁₆ " (72.2 cm)	28 ¹ / ₂ " (72.4 cm)	28 ⁹ / ₁₆ " (72.6 cm)	19 ⁷ / ₈ " (50.4 cm)	19 ¹⁵ / ₁₆ " (50.6 cm)	20" (50.8 cm)
36" (91.4 cm)	34 ⁷ / ₁₆ " (87.4 cm)	34 ¹ / ₂ " (87.6 cm)	34 ⁹ / ₁₆ " (87.8 cm)	19 ⁷ / ₈ " (50.4 cm)	19 ¹⁵ / ₁₆ " (50.6 cm)	20" (50.8 cm)

Side Walls (Combustible Surfaces)	
Models	H and I
All Models	Both have to be 6" (15.24 cm) or more.

Back Wall and Countertop Front Dimensions			
Models	C	D	E
All Models	25" (63.5 cm)	3 ³ / ₈ " (8.6 cm)	2 ¹ / ₈ " (5.4 cm)

NOTES: After making the countertop cutout, some installations may require notching down the base cabinet side walls to clear the cooktop base. To avoid this modification, use a base cabinet with sidewalls wider than the cutout.

If cabinet has a drawer, a 4" (10.2 cm) depth clearance from the countertop to the top of the drawer (or other obstruction) in base cabinet is required. The drawer depth may need to be shortened to avoid interfering with the regulator.

IMPORTANT: If a built-in wall oven is to be installed below this cooktop, the grounded outlet and gas supply piping must be located in an adjacent cabinet.

This cooktop and its gas and electrical supply sources must be installed before the undercounter built-in wall oven is installed.

Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

IMPORTANT: The cooktop must be electrically grounded in accordance with local codes and ordinances, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 or Canadian Electrical Code, CSA C22.1.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path is adequate.

A copy of the above code standards can be obtained from:

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

- A 120-volt, 60 Hz., AC-only, 15-amp fused, electrical circuit is required. A time-delay fuse or circuit breaker is also recommended. It is recommended that a separate circuit serving only this cooktop be provided.
- Electronic ignition systems operate within wide voltage limits, but proper grounding and polarity are necessary. Check that the outlet provides 120-volt power and is correctly grounded and polarized.
- The wiring diagrams are provided with this cooktop. See the Wiring Diagrams. The wiring diagrams are located on the left underside of the cooktop base.

Gas Supply Requirements

⚠ WARNING



Explosion Hazard

Use a new CSA International approved gas supply line.

Install a shut-off valve.

Securely tighten all gas connections.

If connected to propane, have a qualified person make sure gas pressure does not exceed 14" (36 cm) water column.

Examples of a qualified person include:

**licensed heating personnel,
authorized gas company personnel, and
authorized service personnel.**

Failure to do so can result in death, explosion, or fire.

Observe all governing codes and ordinances.

IMPORTANT: This installation must conform with all local codes and ordinances. In the absence of local codes, installation must conform with American National Standard, National Fuel Gas Code ANSI Z223.1—latest edition or CAN/CGA B149—latest edition.

IMPORTANT: Leak testing of the cooktop must be conducted according to the manufacturer's instructions.

Type of Gas

Natural Gas:

This cooktop is factory-set for use with Natural gas. To convert to Propane gas, see the Gas Conversion instructions provided in the package containing the literature. The model/serial/rating plate located on the underside of the cooktop base has information on the types of gas that can be used. If the types of gas listed do not include the type of gas available, check with the local gas supplier.

Propane Gas conversion:

Conversion must be done by a qualified service technician.

No attempt shall be made to convert the appliance from the gas specified on the model/serial/rating plate for use with a different gas without consulting the serving gas supplier. See the Gas Conversion instructions provided in the package containing the literature.

Gas Supply Line

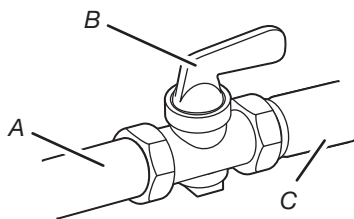
- Provide a gas supply line of 3/4" (19 mm) rigid pipe to the cooktop location. A smaller size pipe on longer runs may result in insufficient gas supply. Pipe-joint compounds that resist the action of Propane gas must be used. Do not use TEFLON[†] tape. With Propane gas, piping or tubing size can be 1/2" (13 mm) minimum. Usually, Propane gas suppliers determine the size and materials used in the system.

Flexible metal appliance connector:

- If local codes permit, use a 1/2" or 3/4" (13 mm or 19 mm) flexible stainless steel tubing gas connector, designed by CSA to connect the cooktop to the rigid gas supply line.



- A 1/2" (13 mm) male pipe thread is needed for connection to the female pipe threads of the inlet to the appliance pressure regulator.
- Do not kink or damage the flexible metal tubing when moving the cooktop.
- Must include a shut-off valve: Install a manual gas line shut-off valve in an easily accessible location. Do not block access to shut-off valve. The valve is for turning on or shutting off gas to the cooktop.



- A. Gas supply line
- B. Shut-off valve open position
- C. To cooktop

Gas Pressure Regulator

The gas pressure regulator supplied with this cooktop must be used. The inlet pressure to the regulator should be as follows for proper operation:

Natural Gas:

Minimum pressure: 12.7 cm WCP

Maximum pressure: 17.8 cm to 35.6 cm WCP

Propane Gas:

Minimum pressure: 25.4 cm WCP

Maximum pressure: 17.8 cm to 35.6 cm WCP

Contact local gas supplier if you are not sure about the inlet pressure.

Burner Input Requirements

Input ratings shown on the model/serial/rating plate are for elevations up to 2,000 ft (609.6 m).

For elevations above 2,000 ft (609.6 m), ratings are reduced at a rate of 4% for each 1,000 ft (304.8 m) above sea level (not applicable for Canada).

Gas Supply Pressure Testing

Gas supply pressure for testing regulator must be at least 2.5 cm water column pressure above the manifold pressure shown on the model/serial rating plate.

Line pressure testing above 1/2 psi (3.5 kPa) gauge (35.6 cm WCP)

The appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5 kPa).

Line pressure testing at 1/2 psi (3.5 kPa) gauge (35.6 cm WCP) or lower

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

[†]TEFLON is a registered trademark of Chemours.

INSTALLATION INSTRUCTIONS

Install Cooktop

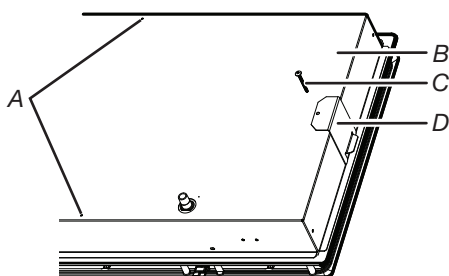
! WARNING

Excessive Weight Hazard

**Use two or more people to move and install cooktop.
Failure to do so can result in back or other injury.**

Decide on the final location for the cooktop. Avoid drilling into or severing existing wiring during installation.

1. Determine whether your cabinet construction provides clearance for installing clamping brackets at cooktop base ends. This is the recommended location. Clamping brackets can be installed on the front and back of cooktop base bottom, if necessary.

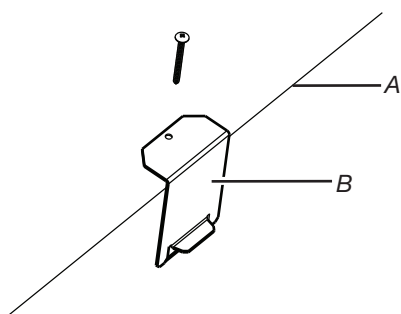


- A. Attachment screw holes for optional front and back location
- B. Cooktop base bottom
- C. Attachment screw
- D. Clamping bracket (and locations recommended)

2. Using two or more people, place cooktop right side up into the cutout.

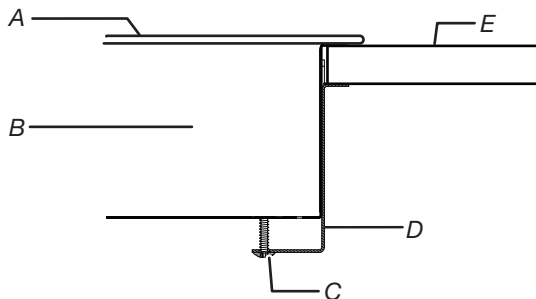
NOTE: Make sure that the front edge of the cooktop is parallel to the front edge of the countertop. If repositioning is needed, lift entire cooktop up from cutout to avoid scratching the countertop.

3. Remove the attachment screws for the selected bracket locations from the bottom of the cooktop base.



- A. Edge of cooktop base bottom
- B. Clamping bracket

4. Attach brackets to cooktop base bottom with bracket attachment screws. Securely tighten screws.



- A. Cooktop
- B. Cooktop base
- C. 2" (5.1 cm) bracket attachment screw
- D. Clamping bracket (extends far enough beyond cooktop base to allow installation of clamping screws)
- E. Countertop

Make Gas Connection

! WARNING



Explosion Hazard

Use a new CSA International approved gas supply line.

Install a shut-off valve.

Securely tighten all gas connections.

If connected to propane, have a qualified person make sure gas pressure does not exceed 14" (36 cm) water column.

Examples of a qualified person include:

**licensed heating personnel,
authorized gas company personnel, and
authorized service personnel.**

Failure to do so can result in death, explosion, or fire.

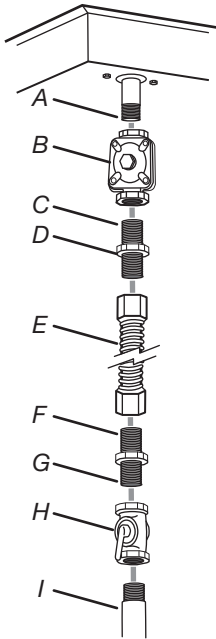
Typical flexible connection

1. Apply pipe-joint compound made for use with Propane gas to the larger thread ends of the flexible connector adapters (see C and G in the following illustration).
2. Attach one adapter to the gas pressure regulator and the other adapter to the gas shut-off valve. Tighten both adapters.

- Use a 15/16" (24 mm) combination wrench and channel lock pliers to attach the flexible connector to the adapters. Check that connector is not kinked.

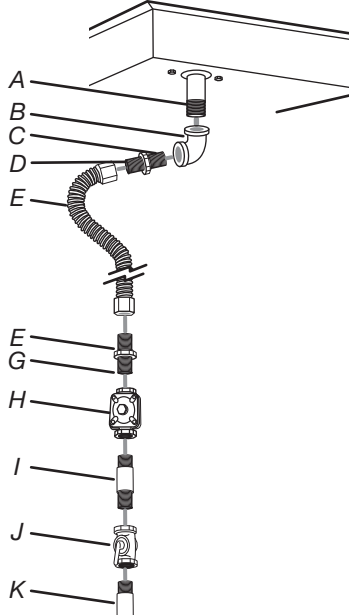
IMPORTANT: All connections must be wrench-tightened. Do not make connections to the gas regulator too tight. Making the connections too tight may crack the regulator and cause a gas leak. Do not allow the regulator to turn when tightening fittings.

No appliance/obstructions below cooktop



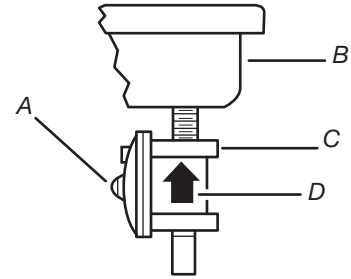
- A. Manifold entrance
- B. Gas pressure regulator
- C. Use pipe-joint compound.
- D. Adapter (must have 1/2" [13 mm] male pipe thread)
- E. Flexible connector
- F. Adapter
- G. Use pipe-joint compound.
- H. Manual gas shut-off valve
- I. 1/2" (13 mm) or 3/4" (19 mm) gas pipe

Suggested installation to avoid interference below cooktop



- A. Manifold entrance
- B. 3/8" (10 mm) elbow
- C. Use pipe-joint compound.
- D. Adapter (must have 3/8" [10 mm] male pipe thread)
- E. Flexible connector (pass through wall between cabinets)
- F. Adapter (must have 3/8" [10 mm] male pipe thread)
- G. Use pipe-joint compound.
- H. Appliance pressure regulator (supplied)
- I. 1/2" (13 mm) or 3/4" (19 mm) gas pipe
- J. Manual gas shut-off valve
- K. 1/2" (13 mm) or 3/4" (19 mm) gas pipe

- Install the pressure regulator with the arrow pointing in the direction toward the bottom of the cooktop base and in a position where you can reach the regulator access cap.



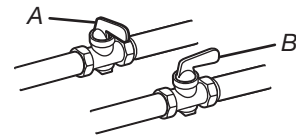
- A. Access cap
- B. Rear of cooktop
- C. Gas pressure regulator
- D. Up arrow. The regulator must be installed with the arrow pointing toward the cooktop bottom.

Use only pipe-joint compound made for use with Natural and Propane gas.

Do not use TEFLON® tape. You will need to determine the fittings required depending on your installation.

Complete Connection

- Open the manual shut-off valve in the gas supply line. The valve is open when the handle is parallel to the gas pipe.



- A. Closed valve
- B. Open valve

- Test all connections by brushing on an approved noncorrosive leak-detection solution. If bubbles appear, a leak is indicated. Correct any leak found.
- Remove surface burner caps and grates from parts package. Align notches in burner caps with pins in burner base. Burner caps must be positioned properly and level in order for the surface burners to light.
- Place burner grates over burners and caps.

⚠ WARNING

Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

- Plug into a grounded 3 prong outlet.

Complete Installation

Electronic Ignition System

Initial lighting and gas flame adjustments

Surface burners use electronic igniters in place of standing pilots. When the cooktop control knob is turned to Lite, the system creates a spark to light the burner. This sparking continues as long as the control knob is turned to Lite.

Check Operation of Surface Burners

1. Push in and turn the surface burner control knobs to LITE.
The surface burner flame should light within 4 seconds. The first time a surface burner is lit, it may take longer than 4 seconds to light because of air in the gas line.
2. Turn the control knob to HIGH and check for a blue-colored flame. It should be clean and soft in character. No yellow tip, blowing, or lifting of flame should occur. Occasional orange flashes are normal and reflect different elements in the air or gas.
3. After verifying the proper burner operation, turn the control knobs to OFF.

If burners do not light properly:

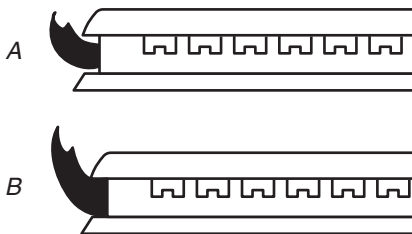
- Turn the surface burner control knob to OFF.
- Check that the power supply cord is plugged in and the circuit breaker has not tripped or the fuse blown.
- Check that the gas shut-off valve is set to the open position.
- Check that the burner bases and caps are properly positioned on the burners.

Recheck the operation of the surface burners. If a burner does not light at this point, contact your dealer or authorized service company for assistance.

Check Flame Height

Adjust the height of surface burner flames.

The surface burner low flame should be a steady blue flame approximately 1/4" (6.4 mm) high.



A. Low flame
B. High flame

GAS CONVERSIONS

IMPORTANT: Gas conversions from Natural gas to Propane gas must be done by a qualified installer.

⚠ WARNING



Explosion Hazard

Use a new CSA International approved gas supply line.

Install a shut-off valve.

Securely tighten all gas connections.

If connected to propane, have a qualified person make sure gas pressure does not exceed 14" (36 cm) water column.

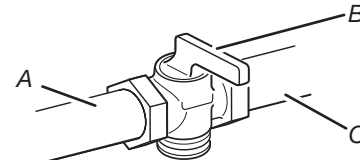
Examples of a qualified person include:

**licensed heating personnel,
authorized gas company personnel, and
authorized service personnel.**

Failure to do so can result in death, explosion, or fire.

Propane Gas Conversion

1. Turn the manual shut-off valve to the closed position.

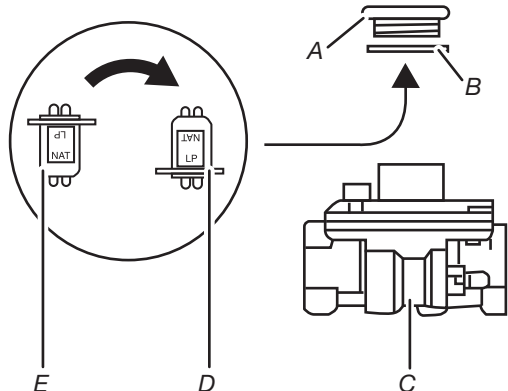


A. To cooktop
B. Shut-off valve (closed position)
C. Gas supply line

2. Unplug cooktop or disconnect power.

Convert Gas Pressure Regulator

- Remove the access cap by using a wrench to turn the access cap counterclockwise.
Remove spring retainer from the cap by pushing against the flat side of the spring retainer. Look at the spring retainer to locate the "NAT" or "LP" position. Turn over the spring retainer so the "LP" is showing on the bottom. Snap the spring retainer back into the cap. Reinstall the cap onto the regulator.



A. Access cap
B. Gasket
C. Gas pressure regulator
D. "LP" position
E. "NAT" position

- Test the gas pressure regulator and gas supply line.
The regulator must be checked at a minimum 2.5 cm water column above the set pressure. The inlet pressure to the regulator should be as follows for operation and checking the regulator setting:

Propane Gas:

Minimum pressure: 25.4 cm WCP.

Supply pressure: 35.6 cm WCP.

Gas Supply Pressure Testing

Line pressure testing above 1/2 psi (3.5 kPa) gauge (35.5 cm WCP)

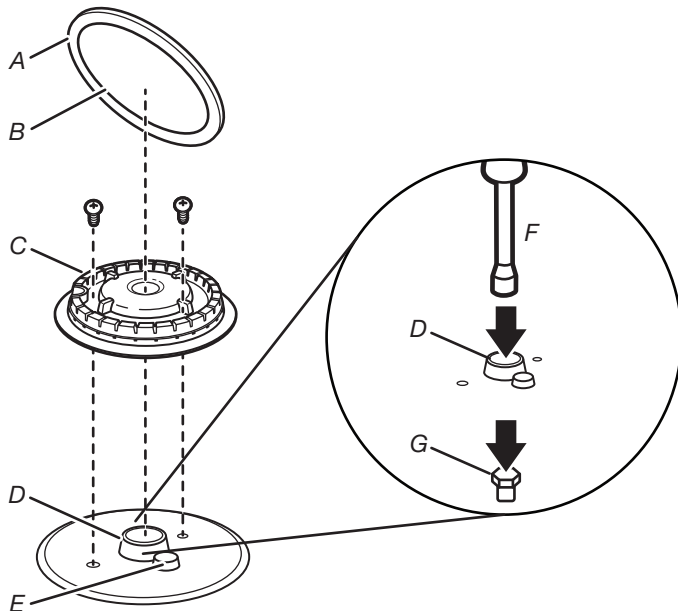
The cooktop and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5 kPa).

Line pressure testing at 1/2 psi (3.5 kPa) gauge (35.5 cm WCP) or lower

The cooktop must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

Replace All Orifice Spuds

- Remove the grates and burner caps.
- Remove the burner base by removing two screws.
- Apply masking tape to the end of a 7 mm nut driver to help hold the gas orifice spud in the nut driver while changing it. Insert nut driver into the gas opening, and press down onto the gas orifice spud, then remove by turning the gas orifice spud counterclockwise and lifting out. Set gas orifice spud aside.



A. Burner cap
B. Inner locating ring
C. Burner base
D. Orifice holder
E. Electrode
F. 7 mm nut driver
G. Orifice spud

- Replace with correct Propane gas orifice spud. The spuds have small numbers stamped on the side. This number codes the orifice diameter and its correct burner location.



A. Size stamp

Propane Gas Orifice Spud Sizes

Burner Location	30" (72.6 cm) models	36" (91.4 cm) models
Left Rear	0.91	0.91
Left Front	0.91	0.91
Center	N/A	0.91
Right Rear	0.91	0.91
Right Front	0.97	0.97

- Place Natural gas orifice in plastic parts bag for future use and keep with the package containing literature.

NOTE: There may be extra orifices in your kit.

6. Replace the burner base.
7. Replace burner cap.
8. Repeat steps 2 through 7 for the remaining burners.
9. Open shut-off valve in the gas supply line. The valve is open when the handle is parallel to the gas pipe.
10. Once you have completed converting all of the cooktop burners, test the cooktop for leaks by brushing on an approved noncorrosive leak-detection solution. If bubbles appear, a leak is indicated. Correct any leaks found.

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

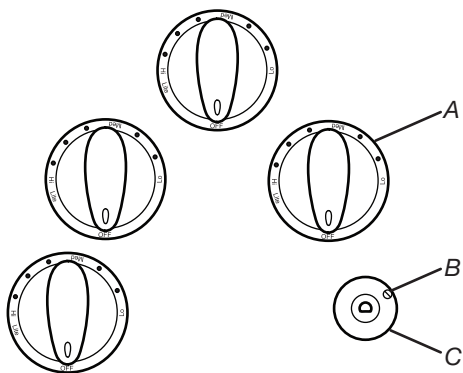
11. Plug in cooktop or reconnect power.

Low Flame Adjustment

This appliance is shipped from the factory with low and high flame settings adjusted for use with Natural gas.

To set for use with Propane gas:

1. Remove control knob from valve stem.
2. Remove rubber grommet.
3. Locate the valve adjustment screw.

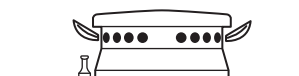
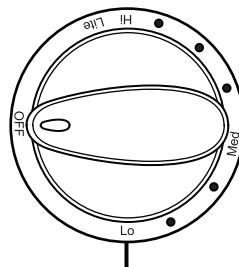
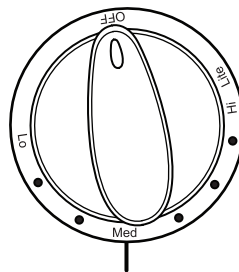
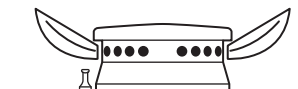
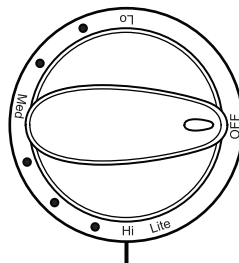


- A. Knob
- B. Adjustment screw
- C. Knob hole (knob and grommet removed)

4. Insert a slender, thin-blade screwdriver into knob hole. Turn the adjusting screw clockwise until tight. Do not over tighten.
5. Replace rubber grommet and control knob.
After adjusting the screw, the burner should produce a stable, steady blue flame of minimum size. The setting should be checked by turning knob from high to low several times without extinguishing the flame.
6. Repeat steps 1-5 for the remaining burners.

This operation will automatically provide the proper flame size at medium setting.

After all conversion steps have been completed, check the appearance of each burner flame at the Hi and Lo settings against the illustration below. If the flames appear too large or too small, review each step to make sure it was completed correctly.

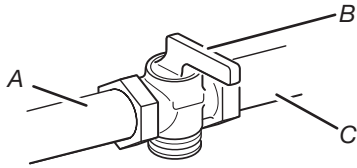


Complete Installation

1. Refer to the "Make Gas Connection" section for properly connecting the cooktop to the gas supply.
2. Refer to the "Complete Installation" section in the "Installation Instructions" section of these instructions to complete this procedure.

Natural Gas Conversion

1. Turn the manual shut-off valve to the closed position.



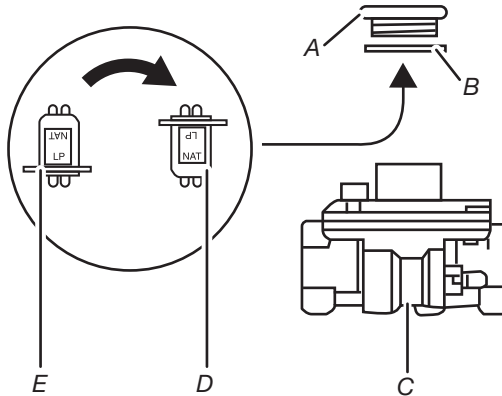
- A. To cooktop
- B. Shut-off valve (closed position)
- C. Gas supply line

2. Unplug cooktop or disconnect power.

Convert Gas Pressure Regulator

1. Remove the access cap by using a wrench to turn the access cap counterclockwise.

Remove spring retainer from the cap by pushing against the flat side of the spring retainer. Look at the spring retainer to locate the "NAT" or "LP" position. Turn over the spring retainer so the "NAT" is showing on the bottom. Snap the spring retainer back into the cap. Reinstall the cap onto the regulator.



- A. Access cap
- B. Gasket
- C. Gas pressure regulator
- D. "NAT" position
- E. "LP" position

2. Test the gas pressure regulator and gas supply line.

The regulator must be checked at a minimum 2.5 cm water column above the set pressure. The inlet pressure to the regulator should be as follows for operation and checking the regulator setting:

Natural Gas:

Minimum pressure: 12.7 cm WCP.

Supply pressure: 35.6 cm WCP.

Gas Supply Pressure Testing

Line pressure testing above 1/2 psi (3.5 kPa) gauge (35.5 cm WCP)

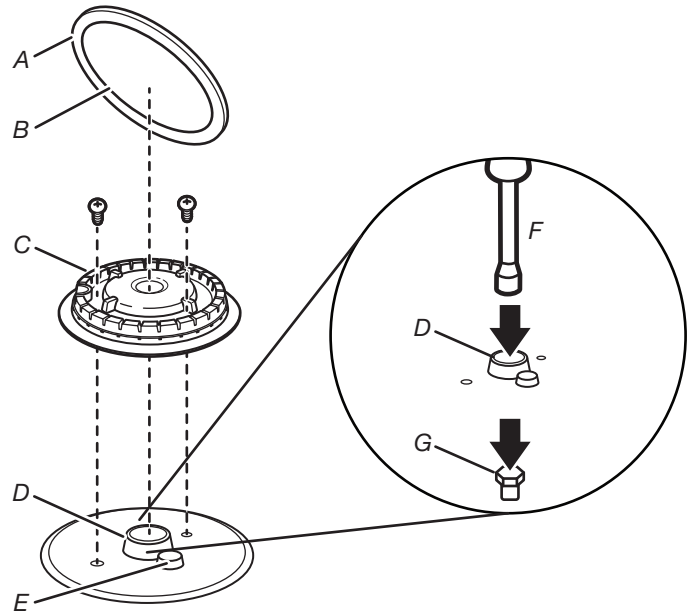
The cooktop and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5 kPa).

Line pressure testing at 1/2 psi (3.5 kPa) gauge (35.5 cm WCP) or lower

The cooktop must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

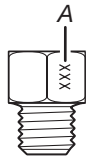
Replace All Orifice Spuds

1. Remove the grates and burner caps.
2. Remove the burner base by removing two screws.
3. Apply masking tape to the end of a 7 mm nut driver to help hold the gas orifice spud in the nut driver while changing it. Insert nut driver into the gas opening, and press down onto the gas orifice spud, then remove by turning the gas orifice spud counterclockwise and lifting out. Set gas orifice spud aside.



- A. Burner cap
- B. Inner locating ring
- C. Burner base
- D. Orifice holder
- E. Electrode
- F. 7 mm nut driver
- G. Orifice spud

- Replace with correct Natural gas orifice spud. The spuds have small numbers stamped on the side. This number codes the orifice diameter and its correct burner location.



A. Size stamp

Natural Gas Orifice Spud Sizes

Burner Location	30" (72.6 cm) models	36" (91.4 cm) models
Left Rear	1.55	1.55
Left Front	1.55	1.42
Center	N/A	1.42
Right Rear	1.55	1.42
Right Front	1.85	1.73

- Place Propane gas orifice in plastic parts bag for future use and keep with the package containing literature.
NOTE: There may be extra orifices in your kit.
- Replace the burner base.
- Replace burner cap.
- Repeat steps 2 through 7 for the remaining burners.
- Open shut-off valve in the gas supply line. The valve is open when the handle is parallel to the gas pipe.
- Once you have completed converting all of the cooktop burners, test the cooktop for leaks by brushing on an approved noncorrosive leak-detection solution. If bubbles appear, a leak is indicated. Correct any leaks found.

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

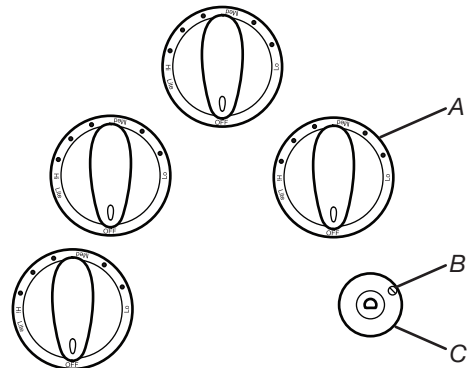
Failure to follow these instructions can result in death, fire, or electrical shock.

- Plug in cooktop or reconnect power.

Low Flame Adjustment

To set for use with Natural gas:

- Remove control knob from valve stem.
- Remove rubber grommet.
- Locate the valve adjustment screw.

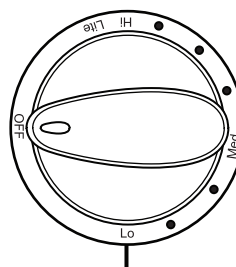
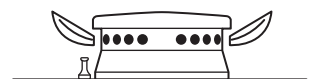
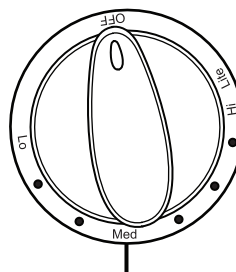
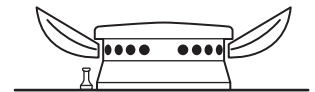
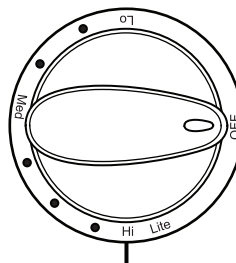


A. Knob

B. Adjustment screw

C. Knob hole (knob and grommet removed)

- Insert a slender, thin-blade screwdriver into knob hole. Turn the adjusting screw counter clockwise until the flame stabilizes and matches the pictured low setting as shown in the following illustration.



5. Replace rubber grommet and control knob.

After adjusting the screw, the burner should produce a stable, steady blue flame of minimum size. The setting should be checked by turning knob from high to low several times without extinguishing the flame.

6. Repeat steps 1-5 for the remaining burners.

After all conversion steps have been completed, check the appearance of each burner flame at the Hi and Lo settings against the previous illustration. If the flames appear too large or too small, review each step to make sure it was completed correctly.

Complete Installation

- 1.** Refer to the “Make Gas Connection” section for properly connecting the cooktop to the gas supply.
- 2.** Refer to the “Complete Installation” section in the “Installation Instructions” section of these instructions to complete this procedure.