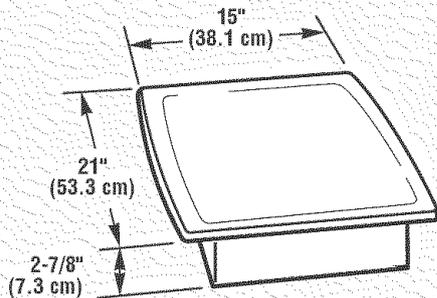


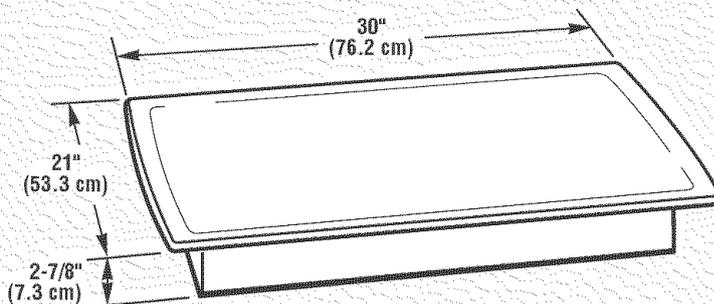
# Installation Instructions

## Gas Built-in Cooktops

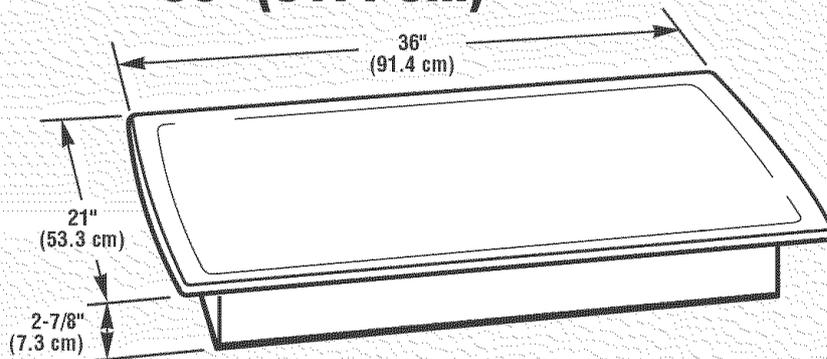
**15" (38.1 cm)**



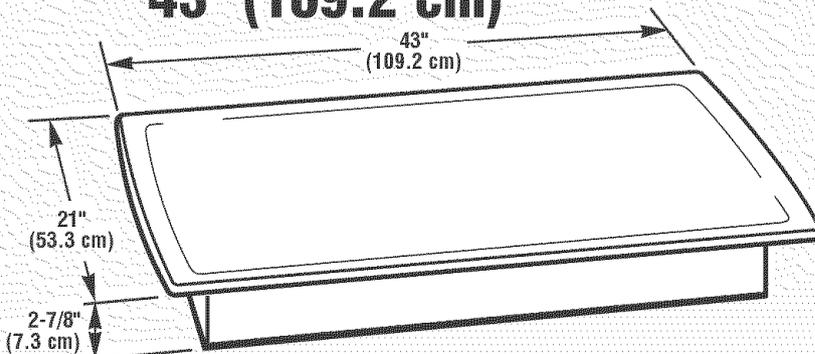
**30" (76.2 cm)**



**36" (91.4 cm)**



**43" (109.2 cm)**



**IMPORTANT:**  
Read and save these  
instructions.

**IMPORTANT:**

**Installer:** Leave Installation Instructions with the homeowner.

**Homeowner:** Keep Installation Instructions for future reference. Save Installation Instructions for local electrical inspector's use.

Write down the model and serial numbers before installing cooktop.

Both numbers are on the model/serial rating plate, located on the underside of the cooktop burner box.

Model # \_\_\_\_\_

Serial # \_\_\_\_\_

# Before you start...

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: Observe all governing codes and ordinances.

**WARNING: If the information in this manual 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.

Note: This cooktop is manufactured for use with Natural gas. To convert to L.P./Propane gas, see instructions in the Gas Conversion Kit provided in literature package.

Proper gas supply connection must be available. See "Gas supply requirements," Page 4.

Proper installation is your responsibility. Have a qualified technician install this cooktop.

Make sure you have everything necessary for correct installation. It is the responsibility of the installer to comply with the installation clearances specified on the model/serial rating plate. The model/serial rating plate can be found on the underside of the cooktop burner box.

**Check location** where cooktop will be installed. The location should be away from strong draft areas, such as windows, doors and strong heating vents or fans.

Do not obstruct flow of combustion and ventilation air.

All openings in the wall or floor where the cooktop is to be installed must be sealed.

When installing a cooktop under existing cabinets and the installation does not meet the minimum cabinet clearances, install a range hood above the cooktop to avoid burn hazards.

Electrical ground is required. See "Electrical Requirements," Pages 4-5.

It is the customer's responsibility:

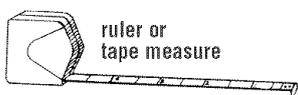
- To contact a qualified electrical installer.
- To assure that electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 — latest edition\*, or Canadian Electrical Code, C22.1 -1982 and C22.2 No. 01982 (or latest edition)\*\* and all local codes and ordinances.

Copies of the standards listed may be obtained from:

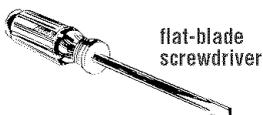
\*National Fire Protection Association  
One Batterymarch Park  
Quincy, Massachusetts 02269

\*\* CSA International  
8501 East Pleasant Valley Rd.  
Cleveland, OH 44131-5575

## Tools needed for installation:



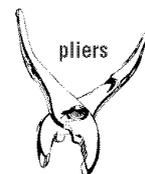
ruler or  
tape measure



flat-blade  
screwdriver



pencil

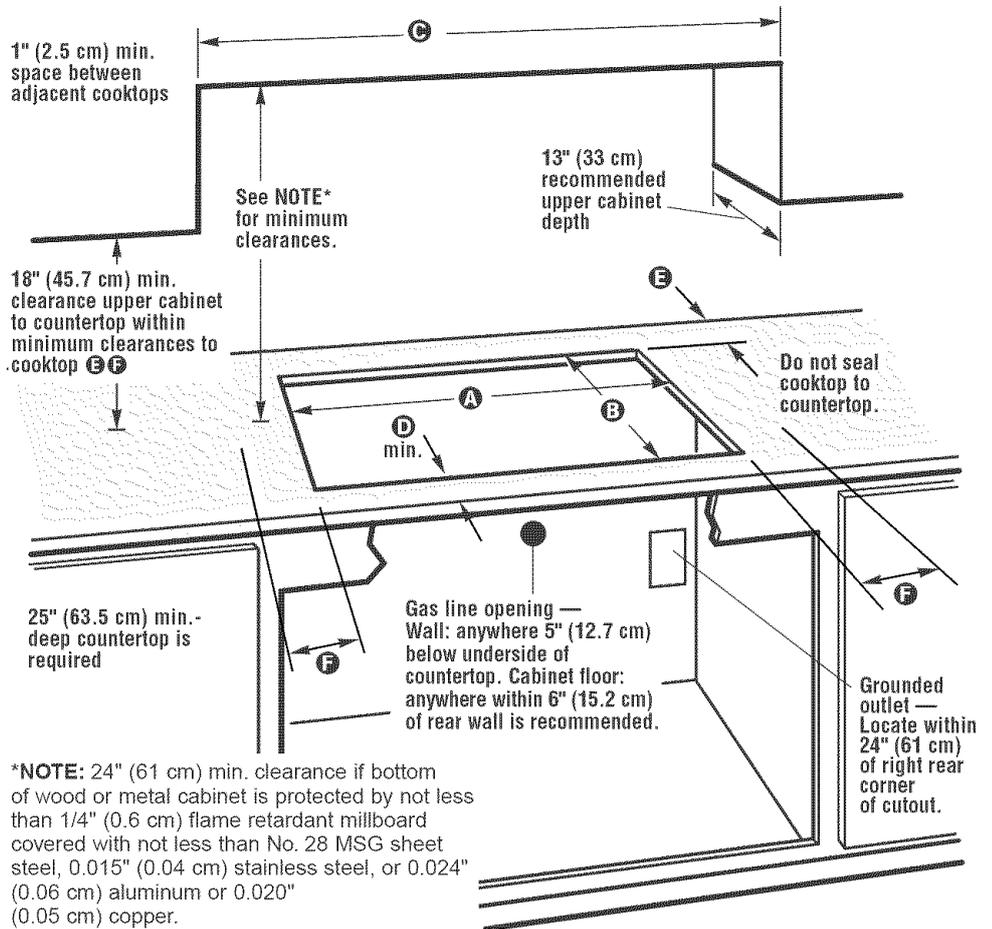


pliers

Countertop opening dimensions that are shown must be used. Given dimensions provide required clearances.

**Mobile home installation:** The installation of this cooktop must conform to the Manufactured Home Construction and Safety Standards, 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 Installations (Manufactured Home Sites, Communities and Setups), ANSI A225.1 — latest edition\*, or with local codes.

In Canada, the installation of this cooktop must conform with the current standards CAN/CSA-Z240 — latest edition\*\*, or with local codes.



**\*NOTE:** 24" (61 cm) min. clearance if bottom of wood or metal cabinet is protected by not less than 1/4" (0.6 cm) flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" (0.04 cm) stainless steel, or 0.024" (0.06 cm) aluminum or 0.020" (0.05 cm) copper.

30" (76.2 cm) min. clearance between top of cooking platform and bottom of an unprotected wood or metal cabinet.

**Minimum distance to combustible surface above countertop**

Cooktop width	A	B	C	D	E	F
15" (38.1 cm)	13-3/4" (34.9 cm)	19" (48.3 cm)	15" (38.1 cm)	2-1/8" (5.4 cm)	2-7/8" (7.3 cm)	5-5/8" (14.3 cm)
30" (76.2 cm)	29" (73.7 cm)	19" (48.3 cm)	30" (76.2 cm)	2-1/8" (5.4 cm)	2-7/8" (7.3 cm)	5-5/8" (14.3 cm)
36" (91.4 cm)	35-1/4" (89.5 cm)	19" (48.3 cm)	36" (91.4 cm)	2-1/8" (5.4 cm)	2-7/8" (7.3 cm)	5-5/8" (14.3 cm)
43" (109.2 cm)	42-3/4" (108.6 cm)	19" (48.3 cm)	42" (106.7 cm)	2-1/8" (5.4 cm)	2-7/8" (7.3 cm)	11-1/2" (28.4 cm)

**Base cabinet size:**

Cooktop Size	Min. Base Cabinet Required
15" (38.1 cm)	15" (38.1 cm)
30" (76.2 cm)	30" (76.2 cm)
36" (91.4 cm)	36" (91.4 cm)
43" (109.2 cm)	44" (111.8 cm)

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.

# Gas supply requirements

## ⚠ WARNING



### Explosion Hazard

Use a new AGA or CSA approved gas supply line.

Install a shut-off valve.

Securely tighten all gas connections.

If connected to LP, have a qualified person make sure gas pressure does not exceed 14" 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:** Cooktop must be connected to a regulated gas supply.

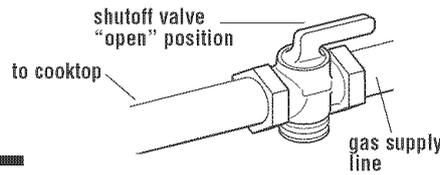
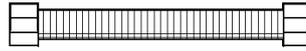
**A.** This installation must conform with local codes and ordinances. In the absence of local codes, installations must conform with American National Standard, National Fuel Gas Code ANSI Z223.1 — latest edition\*\* or CAN1 — B149.1 or 2\*\*.

**B.** Input ratings shown on the model/serial rating plate are for elevations up to 2,000 feet (610 m). For elevations above 2,000 feet (610 m), ratings are reduced at a rate of 4% for each 1,000 feet (305 m) above sea level.

**C.** The cooktop is equipped for use with NATURAL gas. It is design-certified by CSA International for NATURAL and L.P. gases with appropriate conversion. The model/serial rating plate, located on the underside of the burner box, has information on the type of gas that can be used. If this information does not agree with the type of gas available, check with the local gas supplier. See Page 2 for L.P. gas conversion instructions.

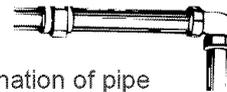
**D.** Provide a gas supply line of 3/4" rigid pipe to the cooktop location. A smaller size pipe on long runs may result in insufficient gas supply. Pipe-joint compounds, suitable for use with L.P. gas, must be used. With L.P. gas, piping or tubing size can be 1/2" minimum. L.P. gas suppliers usually determine the size and materials used on the system.

**E.** If local codes permit, a new AGA or CSA design-certified, 4-5 foot (1.2-1.5 m) long, 1/2" or 3/4" I.D., flexible metal appliance connector is recommended for connecting this cooktop to the gas supply line. Do Not kink or damage the flexible connector when moving the cooktop. The pressure regulator has 3/8" female pipe threads. You will need to determine the fittings required, depending on the size of your gas supply line, flexible metal connector and shutoff valve.



**F.** The supply line shall 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.

**G.** If rigid pipe is used as a gas supply line, a combination of pipe fittings must be used to obtain an in-line connection to the cooktop. All strains must be removed from the supply and fuel lines so cooktop will be level and in line.



**H.** The regulator must be checked at a minimum 1-inch (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:

Set pressure 4 inches (10.2 cm).

Supply pressure 7-14 inches (17.8 cm to 35.5 cm) maximum.

### L.P. GAS:

Minimum pressure 10 inches (25.4 cm).

Supply pressure 14 inches (35.5 cm).

**I.** Line pressure testing:  
Testing above 1/2 psi (3.5 kPa) (14 inches (35.6 cm)) W.C. (gauge)  
The cooktop and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures greater than 1/2 psig (3.5kPa).

Testing below 1/2 psi (3.5 kPa) (14 inches (35.6 cm)) W.C. (gauge) or lower

The cooktop must be isolated 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).

# Electrical requirements

## ⚠ WARNING



### Electrical Shock Hazard

Plug into a grounded 3-prong outlet.

Do not remove ground prong.

Do not use an adapter.

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

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

Check with a qualified electrician if you are not sure whether the cooktop is properly grounded.

Do Not ground to a gas pipe.

A 120-volt, 60-Hz, AC-only, 15-ampere, fused electrical supply is required. A time-delay fuse or circuit breaker is recommended. It is recommended that a separate circuit serving only this appliance be provided.

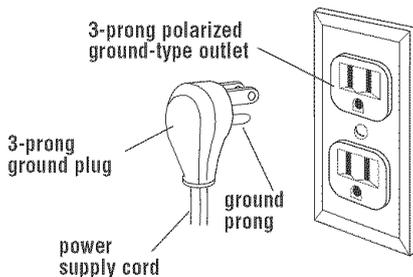
Electronic ignition systems operate within wide voltage limits, but proper ground and polarity are necessary. In addition to checking that the outlet provides 120-volt power and is correctly grounded, the outlet must be checked by a qualified electrician to see if it is wired with correct polarity. A wiring diagram is provided in the literature package.

**Important:** This range is equipped with an electronic ignition system that will not operate if plugged into an outlet that is not properly polarized.

This appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the current CSA standard C22.1. Canadian Electrical Code Part 1.

### Recommended ground method

For your personal safety, this cooktop must be grounded. This cooktop is equipped with a 3-prong ground plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong ground-type outlet, grounded in accordance with the National Electrical Code ANSI/NFPA 70 latest edition\* or Canadian Electrical Code (CSA)\*\* — and local codes and ordinances. If a mating outlet is not available, it is the personal responsibility and obligation of the customer to have a properly polarized and grounded, 3-prong outlet installed by a qualified electrician.

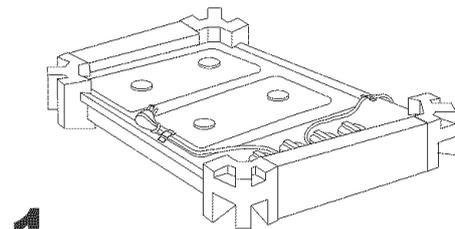
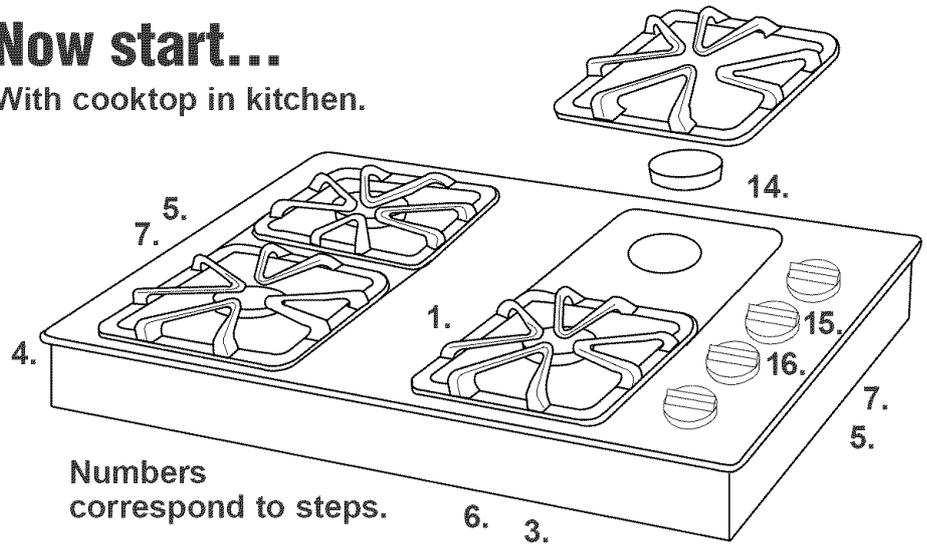


Copies of the standards listed above may be obtained from:

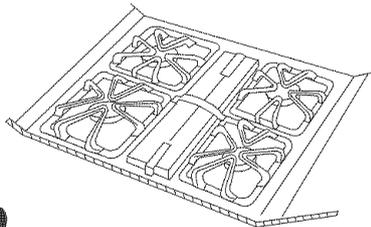
\*National Fire Protection Association  
One Batterymarch Park  
Quincy, Massachusetts 02269

\*\* CSA International  
8501 East Pleasant Valley Rd.  
Cleveland, OH 44131-5575

## Now start... With cooktop in kitchen.

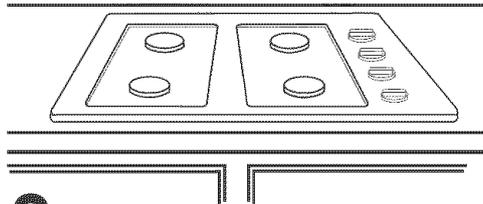


**1.** Remove foam shipping blocks and tape from cooktop. Untape power supply cord.

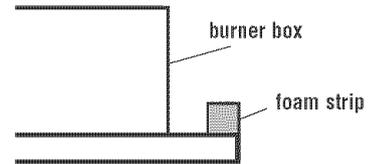


**2.** Remove pressure regulator, hardware package, burner grates and caps from shipping package.

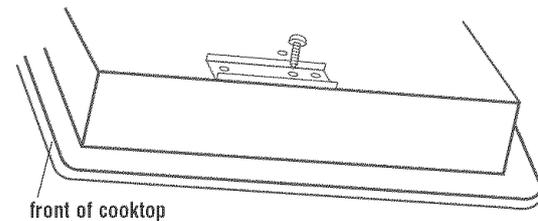
Lift entire cooktop up from cutout when repositioning cooktop in countertop opening to prevent scratching countertop.



**3.** Insert cooktop into countertop opening. Center the cooktop in the cutout. Check that front edge of cooktop is parallel to front edge of countertop. Check that all required clearances are met. Use a pencil to outline the rear of the cooktop on the countertop. Remove the cooktop from the cutout and place upside down on a protected surface.

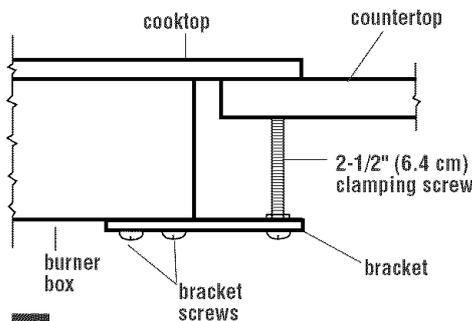


**4.** Glass Cooktops Only: Remove foam strip from literature package. Apply foam strip around bottom of cooktop flush with edge.

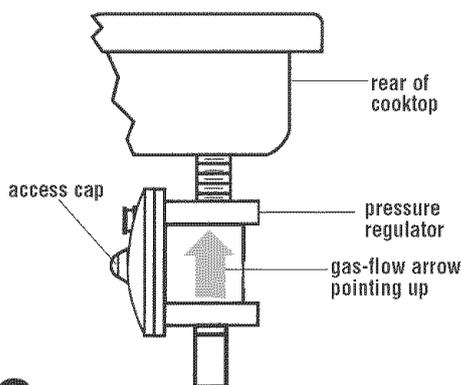


**5.** Remove two screws from left and right bottom edges of burner box. Place brackets on top of burner box. Position brackets as shown and hand-tighten one screw into each bracket.

**6.** Reinsert the cooktop into countertop opening. Check that cooktop is parallel to front edge of countertop. Lift entire cooktop to make adjustments.

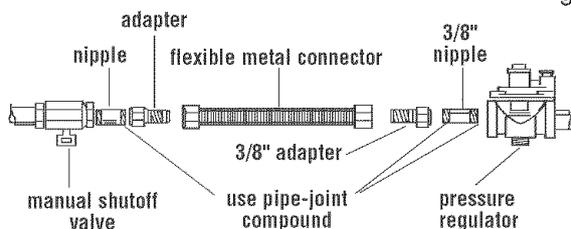


**7.** Rotate brackets away from burner box. Install second screw into each bracket and tighten brackets to burner box. Insert the 2-1/2" (6.4 cm) clamping screws into the brackets. Use a screwdriver to tighten clamping screws against the underside of countertop. **Do not overtighten screws.**



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

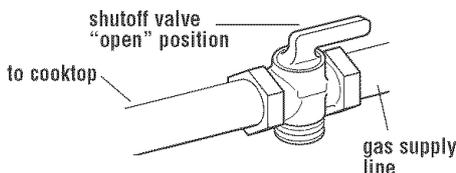
**IMPORTANT:** All connections must be wrench-tightened. Do Not make connections to the gas regulator too tight. Making the connection too tight may crack the regulator and cause a gas leak. Do Not allow the regulator to turn on the pipe when tightening fittings.



**All connections must be wrench-tightened.**

**9.** Assemble flexible metal connector from the gas supply pipe to the pressure regulator. You will need to determine the fittings required, depending on the size of your gas supply line, flexible metal connector and shutoff valve.

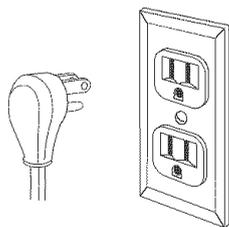
**10.** Use pipe-joint compound made for use with NATURAL and L.P. gas. If flexible metal connector is used, be certain tubing is not kinked.



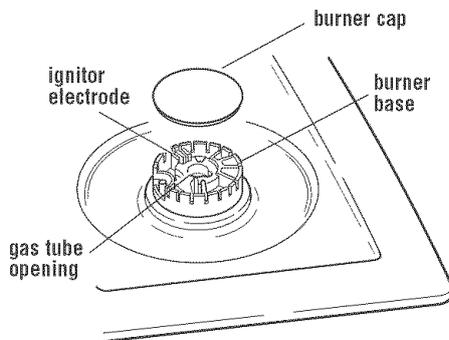
**11.** Open shutoff valve in the gas supply line. Wait a few minutes for gas to move through the gas line.

**12.** Leak testing of the appliance shall be conducted according to the following instructions:

Use a brush and liquid detergent to test all gas connections for leaks. Bubbles around connections will indicate a leak. If a leak appears, shut off gas valve controls and adjust connections. Then check connections again. **NEVER TEST FOR GAS LEAKS WITH A MATCH OR OTHER FLAME.** Clean all detergent solution from cooktop.



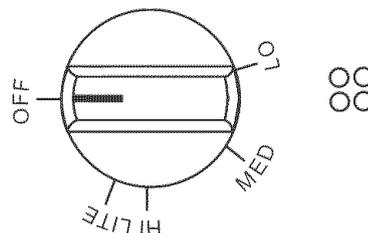
**13.** Plug power supply cord into grounded outlet.



**14.** Put burner caps on each burner base. Place burner grates over burner bases and caps.

## Electronic Ignition System — initial lighting

Cooktop burners use electronic igniters in place of standing pilots. When the cooktop control knob is pushed in and turned to the "LITE" position, the system creates a spark to light the burner. This sparking continues until the control knob is turned to the desired setting.



**15.** Check operation of the cooktop burners. Push in and turn each control knob to "LITE" position. The flame should light within 4 seconds. **Do Not leave the knob in the "LITE" position after burner lights.**

If burners do not light properly, turn control knob to the "OFF" position. Check that burner cap is in the proper position. Check that power supply cord is plugged in and that circuit breaker or house fuse has not blown. Check that the shutoff valve is in the "ON" position. Check operation again. If a burner does not light at this point, contact your Whirlpool dealer for assistance.

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

- Turn control to "LITE" until burner ignites.
- Quickly turn knob down to **LOWEST POSITION**.
- If burner goes out, readjust valve as follows:

Remove the surface burner control knob. Insert a flat-blade screwdriver into the hollow valve stem and engage the slotted screw. Flame size can be increased or decreased by turning the screw. Adjust flame until you can quickly turn knob from "LITE" to **LOWEST POSITION** without extinguishing the flame. Flame should be as small as possible without going out.

## If cooktop does not operate:

- Check that the circuit breaker is not tripped or the house fuse blown.
- Check that the power supply cord is plugged into the outlet.
- Check that gas valves are turned to the "ON" position.
- See Use and Care Guide for troubleshooting list.

## If you need assistance:

If you have questions about operating, cleaning or maintaining your cooktop:

- Refer to Use and Care Guide.
- Call the Consumer Assistance Center. Check your Use and Care Guide for the number to call or call the dealer from whom you purchased this appliance. The dealer is listed in the Yellow Pages of your phone directory under "Appliances — Household — Major — Service and Repair."

## If you need service:

Maintain the quality built into your cooktop by calling an authorized service company.

To obtain the name and number of the authorized service company:

- Contact the dealer from whom you purchased your cooktop; or
- Look in the Yellow Pages of your telephone directory under "Appliances — Household — Major — Service and Repair;" or
- Call the Consumer Assistance Center. The number is listed in your Use and Care Guide.

When you call, you will need:

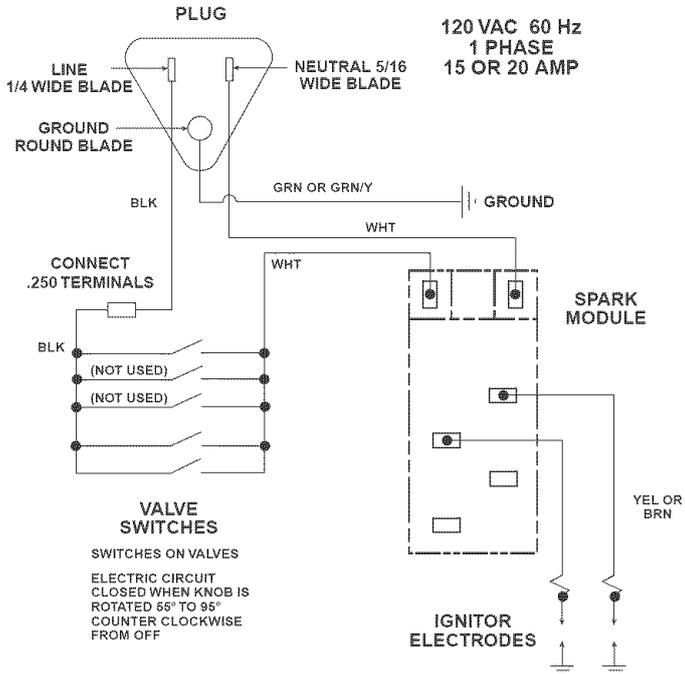
- The cooktop model number.
- The cooktop serial number.

Both numbers are listed on the model/serial rating plate located on the underside of cooktop burner box.

## Cleaning and maintenance

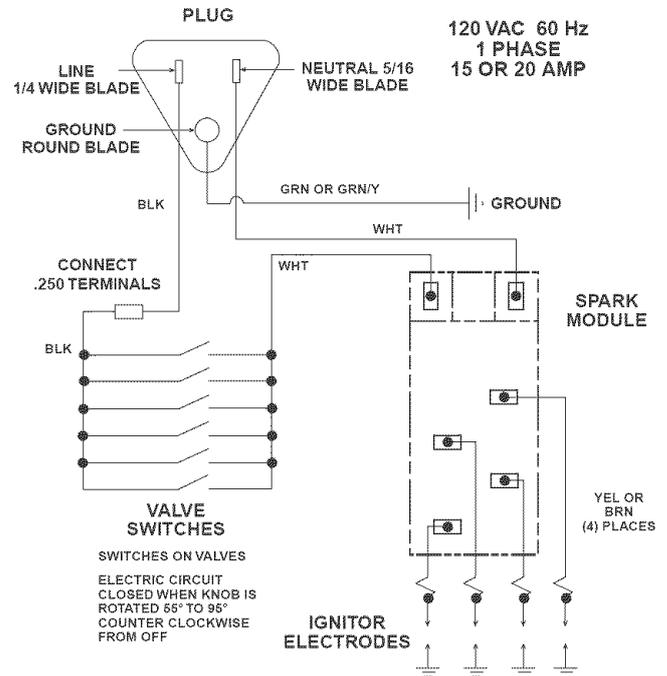
If removing the cooktop is necessary for cleaning or maintenance, shut off gas supply. Disconnect the gas and electric supply. Remove the mounting brackets on the right and left side of burner box. After disconnecting the gas and electric supply, finish removing the unit for cleaning and servicing. Reinstall in reverse order and check gas connection for leaks.

THE POWER CORD ON THIS APPLIANCE IS EQUIPPED WITH A THREE PRONGED (GROUNDING) PLUG WHICH MATES WITH STANDARD THREE PRONGED (GROUNDING) WALL RECEPTACLES



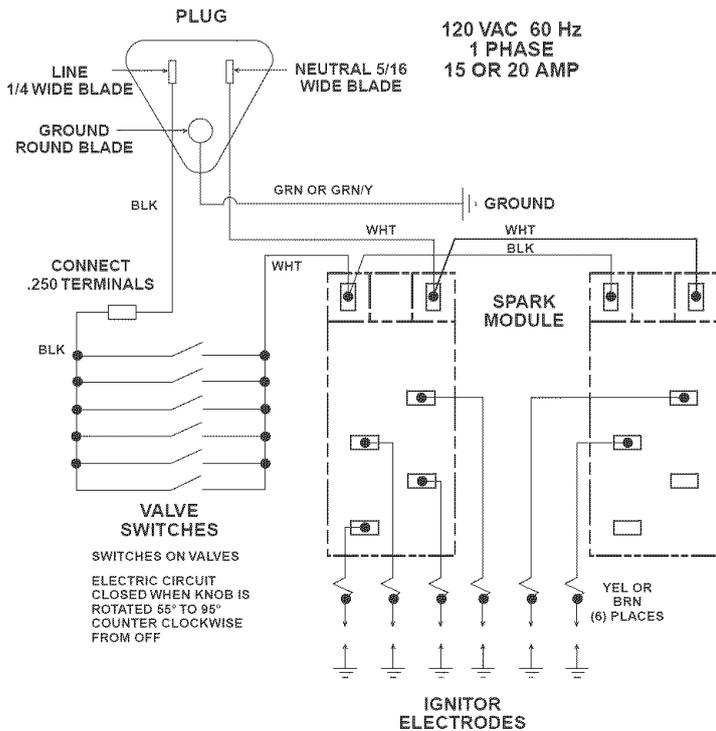
Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

THE POWER CORD ON THIS APPLIANCE IS EQUIPPED WITH A THREE PRONGED (GROUNDING) PLUG WHICH MATES WITH STANDARD THREE PRONGED (GROUNDING) WALL RECEPTACLES



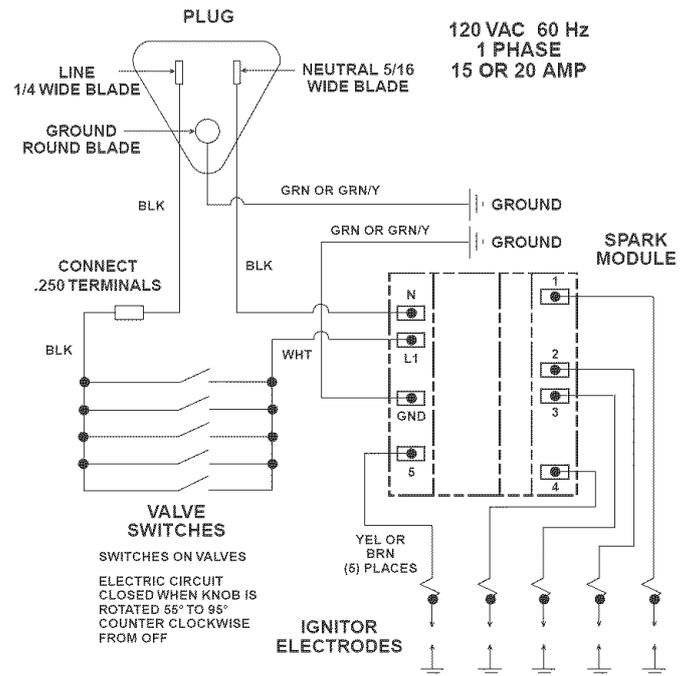
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