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WARNING: If the instructions 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 or 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 gas supplier.



NOTE: This appliance must be installed solely and exclusively by a qualified technician. Any technical procedures must be carried out by an authorized technician.



Important Safety Instructions



READ AND SAVE THESE INSTRUCTIONS - Your safety and the safety of others are very important.

We have provided many important safety messages throughout this manual and on the appliance.

Read all the instructions before using the appliance and always obey all safety messages.



RECOGNIZE SAFETY INFORMATION

This is a safety alert symbol. This symbol alerts you to potential hazards that can result in severe personal injury or loss of life.

UNDERSTAND SIGNAL WORDS

A signal word - DANGER, WARNING or CAUTION - is used with the safety alert symbol. DANGER denotes the most serious hazards. It means you could lose your life or be seriously injured if you do not immediately follow the instructions. WARNING means you could lose your life or be seriously injured if the instructions are not followed. CAUTION indicates a potentially hazardous situation which, if not avoided, could result in minor to moderate injury.

WARNING



- **This appliance is intended for use in the home only.**
- **Use this appliance only for its intended purpose. The manufacturer cannot be held liable for damage caused by improper use of this appliance.**
- **This appliance complies with current safety regulations. Improper use of this appliance can result in personal injury and material damage.**
- **Read all the instructions before installing or using the appliance for the first time.**
- **Keep these operating instructions in a safe place and pass them on to any future user.**

The safety messages will inform you of potential hazards, on how to avoid the risk of injury and what can occur if the instructions are not followed.

Important Safety Instructions



IMPORTANT: Installation, gas connections and grounding must conform to applicable codes. Observe all codes and ordinances in force.



NOTE: This appliance is manufactured for use with natural gas. To convert the appliance to LP/Propane gas, see the instructions in the "Conversion to Propane Gas (LPG)" section.

The proper gas supply connection must be available. See "Gas supply requirements".

WARNING: For your safety, the instructions contained in this manual must be followed to minimize the risk of fire or explosion and to prevent property damage, personal injury or loss of life.



NOTE: This appliance is NOT designed for installation in manufactured (mobile) homes or in recreational vehicles (RVs).

DO NOT install this appliance outdoors. Improper installation is not covered by the warranty.

WARNING



- If the information in this manual is not followed exactly, fire or shock may result causing property damage or personal injury.
- Do not repair, replace or remove any part of the appliance unless specifically recommended in the manuals. Improper installation, service or maintenance can cause injury or property damage. Refer to this manual for guidance. All other servicing should be done by an authorized servicer.
- To reduce the risk of fire, electrical shock, personal injury, or damage when using the appliance, follow basic safety precautions, including the following.

- **IMPORTANT:** THE APPLIANCE MUST BE INSTALLED BY A QUALIFIED INSTALLER.
- **INSTALLER:** LEAVE THESE INSTRUCTIONS WITH THE APPLIANCE AFTER INSTALLATION IS COMPLETE.
- **IMPORTANT:** SAVE FOR THE LOCAL INSPECTOR'S USE.



Important Safety Instructions

- Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance. Explosions or fires could result.
- Read all instructions
- Proper installation is your responsibility. Have a qualified technician install and ground this appliance in accordance with these installation instructions.
- Any additions, changes or conversions required in order for this appliance to satisfactorily meet the application needs must be made by a qualified technician.
- It is the responsibility of the installer to comply with installation information specified on the model/serial ID plate. The ID Plates are visibly located on the back of the appliance. These ID plates must never be removed.
- Do not store items of interest to children in the cabinets above the appliance. Children could be seriously burned if they climb on the appliance to reach items.
- To eliminate the need to reach over the surface burners, cabinet storage space above the burners should be avoided.
- Make sure the wall coverings around the rangetop can withstand the heat generated by rangetop.



WARNING

Never leave children alone or unattended in the area where an appliance is in use. As children grow, teach them the proper, safe use of all appliances.



CAUTION: To eliminate the risk of burns or fire caused by reaching over hot surface burners, do not store items directly above the rangetop surface.

- Test the appliance immediately after installation, following the instructions in this booklet. If the appliance does not work properly, disconnect it from the electrical power supply and call the service center. **DO NOT** attempt to repair the appliance.
- All adjustments and servicing must be performed by qualified installers or service technicians.
- Do not leave the packing material around the home. Sort the various items of waste and take them to the nearest specialized waste collection facility.

Safety codes and standards

This appliance complies with one or more of the following Standards:

ANSI Z21.1 / CSA 1.1 Household Cooking Gas Appliances.

- It is the responsibility of the owner and the installer to determine if additional requirements and/or standards apply to specific installations.
- Installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54 or, in Canada, the Natural Gas and Propane Installation Code, CSA B149.1.

Important Safety Instructions



EN

- **ELECTRICAL GROUNDING REQUIRED:** The appliance must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, NFPA 70 latest edition or, in Canada, the Canadian Electric Code, CSA C22.1-02. section.
- Make sure your appliance is installed and grounded properly by a qualified installer or service technician.
- To ensure that the electrical system is adequate and conforms with the national ANSI / NFPA 70 ELECTRICAL CODE – latest edition – Or the CANADIAN ELECTRICAL CODE, C22.11 – 1 and C22.2 No. 01982 – or latest edition – and all local codes and ordinances. **IMPORTANT:** Observe all codes and ordinances in force.
- For appliances equipped with a cord and plug, do not cut or remove the ground prong. It must be plugged into a matching grounding type receptacle to avoid electrical shock. If there is any doubt as to whether the wall receptacle is properly grounded, the customer should have it checked by a qualified electrician.
- Do not use an extension cord.
- Do not use an adapter.
- If required by the National Electrical Code (or Canadian Electrical Code), this appliance must be installed on a separate branch circuit.
- The circuit breaker should have a contact separation of at least 3 mm on all poles.
- **INSTALLER** – show the owner the location of the circuit breaker or fuse. Mark it for easy reference.
- Refer to rating label for more information.

Electric Safety



WARNING

Before you plug the electrical cord into an outlet, make sure that all the appliance controls are in the OFF position.

- Personal injury or death from electrical shock may occur if the appliance is not installed by a qualified installer or electrician.
- Be sure your appliance is properly installed and grounded by a qualified technician. Installation, electrical connections and grounding must comply with all applicable codes.
- Before installing, turn power OFF at the service panel.
- Lock service panel to prevent power from being turned ON accidentally.

Gas safety



WARNING

Burning gas cooking fuel generates some by-products which are on the list of substances which are known by the State of California to cause cancer or reproductive harm. To minimize exposure to these substances, always operate this unit according to the instructions contained in this booklet and provide good ventilation.

- Install a gas shutoff valve near the appliance. It must be easily accessible in an emergency.



Important Safety Instructions

- Leak testing must be conducted by the installer according to the instructions in this manual.
- The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing at pressures in excess of ½ psi (3.5 kPa).
- The appliance 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 ½ psi (3.5 kPa).
- The minimum supply pressure must be 1" water column above the manifold pressure printed on the rating label. The maximum supply pressure must not exceed 14.0 inches water column (34.9 Millibars).

Proposition 65 Warning:

This product may contain a chemical known to the State of California, which can cause cancer or reproductive harm. Therefore, the packaging of your product may bear the following label as required by California:



State of California Proposition 65 Warning:

Cancer or Reproductive Harm -
www.P65Warnings.ca.gov

Related Equipment Safety

- The appliance should only be used if installed by a qualified technician in accordance with these installation instructions and all applicable regulations and codes. The manufacturer is not responsible for damages resulting from incorrect

installation.

- Remove all tape and packaging before using the appliance. Destroy the packaging after unpacking the appliance. Never allow children to play with packaging material.
- Never modify or alter the construction of the appliance. For example, do not remove adjustable legs, panels, wiring or anti-tip brackets/screws.



CAUTION: This unit is designed as a cooking appliance. For safety purposes, never use it for warming the room or as a space heater.

- To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a hood that projects horizontally a minimum of 5 inches (127 mm) beyond the bottom of the cabinet. Verify that cabinets above the cooktop are a maximum of 13" (330 mm) deep.
- When installing the appliance over a single oven, be sure to follow both the oven's and cooktop's installation manuals.

Ventilation Recommendations

- Do not obstruct air vents or openings for heat exhaust.
- Never use your rangetop for warming or heating the room. Prolonged use of the rangetop without adequate ventilation can be dangerous.

Important Safety Instructions



- We strongly recommend the installation of a ventilation hood above this appliance. The hood must be installed according to instructions furnished with the hood.
- **CAUTION:** The appliance should not be installed with a ventilation system that blows air downward toward the burners. This type of ventilation system may cause ignition and combustion problems with the gas cooking appliance resulting in personal injury or unintended operation.

Propane Gas Installation

- The propane gas tank must be equipped with its own high pressure regulator. In addition, the regulator supplied with this unit must also be used.
- The appliance is shipped from the factory for use with natural gas. It must be converted for use with propane. A qualified technician or installer must do the conversion.
- This appliances can operate up to an altitude of 10,000 ft. (3048 m.) elevation above sea level. To use with propane gas, the appliance must be converted in accordance with the propane conversion instructions.

High altitude installation

- This appliances can operate up to an altitude of 10,000 ft. (3048 m.) elevation above sea level. If desired, for altitudes above 2,000 ft (610 m) elevation above sea level, adjustments may be made.
- Burners should be checked at the lowest setting, if the flame is not stable the simmer should be increased until the flame is stable. This can be done by

adjusting the bypass screw in the valve. If flame performance is satisfactory, adjustment will not be required.

- It is required that a Certified Professional make the high altitude adjustments during installation.

For Massachusetts Installation

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

- Installation must be performed by a qualified or licensed contractor, plumber or gas fitter qualified or licensed by the state, province or region where this appliance is being installed.
- Shut-off valve must be a "T" handle gas cock.
- Flexible gas connector must not be longer than 36 inches.
- Installer - show the owner where the gas shut-off valve is located.



Important Safety Instructions

How to read the user manual

This user manual uses the following reading conventions:

Installation



Information for the qualified technician: installation, operation and inspection.



Safety instructions



Information



Advice

1. Use instruction sequence.

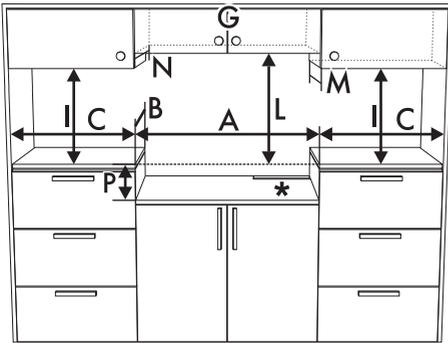
- Single use instruction.

SAVE THESE INSTRUCTIONS



1 Installation

1.1 Cabinet clearances



	36" models		30" models	
A	min. 36"	min. 914 mm	min. 30"	min. 762 mm
B	min. 24" - min. 610 mm			
C¹	min. 20" - min. 508 mm			
G²	min. 36"	min. 914 mm	min. 30"	min. 762 mm
I³	min. 18" - min 457 mm			
L⁴	See note 4.			
M⁵	max. 13" - max. 330 mm			
N⁵	max. 13" - max. 330 mm			
P	7" 3/8 - 187 mm			

1. min. clearance from the sides of appliance to side wall or other combustible material;
2. min. cabinet opening width;
3. upper cabinet to countertop;

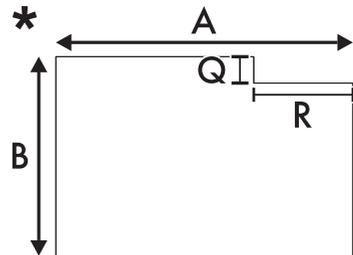
4. Min. 36" (914 mm) clearance between the top of the cooking surface and the bottom of an unprotected wood or metal cabinet. Min. 30" (762 mm) when bottom of wood or metal cabinet is protected by not less than 1/4" (0.64 cm) flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" (0.4 mm) stainless steel, 0.024" (0.6 mm) aluminum or 0.020" (0.5 mm) copper. 35" (889 mm) min. clearance between the top of the cooking surface and the bottom of an unprotected wood or metal cabinet.

5. max. upper cabinet depth.



It is not allowed to install adjacent products.

Countertop cutout for gas and electric connections



	36" models		30" models	
A	min. 36"	min. 914 mm	min. 30"	min. 762 mm
B	min. 24" - min. 610 mm			
Q	min. 4" - min. 102 mm			
R	min. 12" - min. 305 mm			

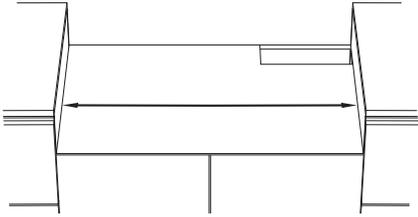


Installation

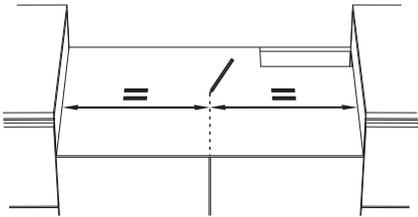
Mounting the safety bracket

The safety bracket is a device designed to prevent the appliance from being accidentally extracted to the outside.

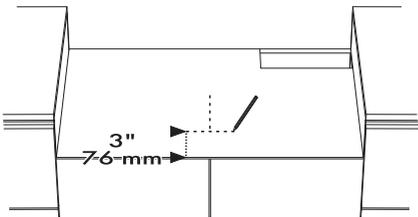
1. Measure the width of the slot for the appliance (see "Cabinet clearances" clearance **A**).



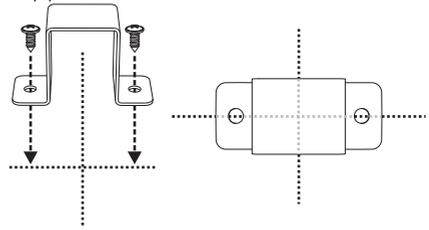
2. Divide the measurement in half and draw the midline on the surface of the cabinet.



3. Measure 3" (76mm) from the front edge of the cabinet and draw a line perpendicular to the midline.



4. Position the safety bracket centered in the intersection point of the two lines just drawn and then fix it with the two supplied screws.

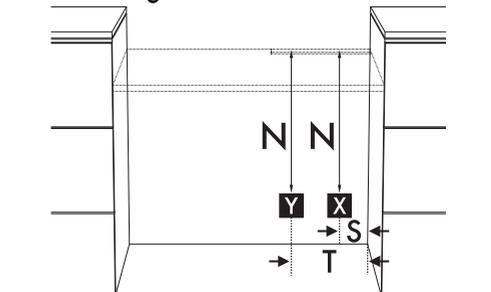


5. Place the appliance on the cabinet recess.

Notes:

- The appliance must sit securely in the cut-out and must not be able to move around (e.g. during cleaning).
- To help prevent cosmetic damage place plastic shipping cover back over appliance prior to loading into cabinetry.
- If additional construction is nearby the plastic shipping cover can be used to preserve cosmetic finish.

Location of gas and electric outlets



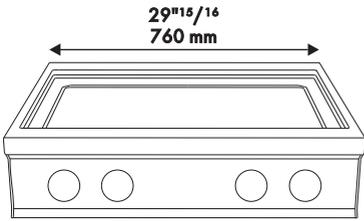
N	24" - 28" / 610 mm - 711 mm
S	2" - 4" / 51 mm - 101 mm
T	8" - 12" / 203 mm - 305 mm

X: Gas Supply Line

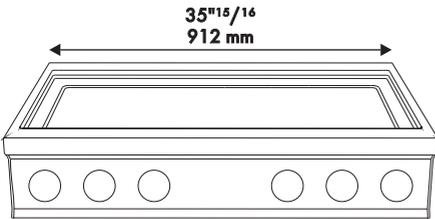
Y: Grounded Outlet



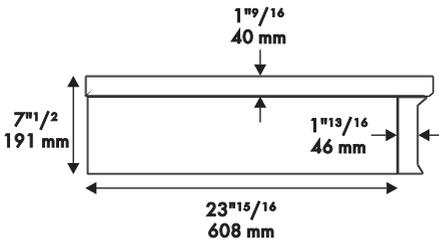
1.2 Overall dimensions



30" models



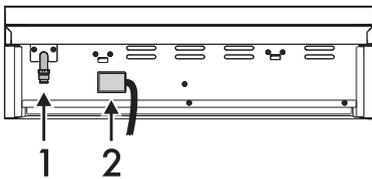
36" models



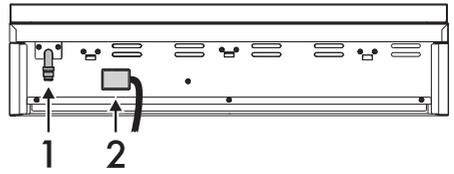
30" and 36" models

Location of gas and electric outlets (back view)

30" models:



36" models:



1: Gas connection

2: Electrical connection

Check the location where the appliance is to be installed. The appliance should be positioned for convenient access in the kitchen.



NOTE: Observe all governing codes and ordinances.

Any openings in the wall or floor where the appliance is to be installed must be sealed.

Some cabinet and building materials are not designed to withstand the heat that the appliance produces during baking. Check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage.

The cabinet opening dimensions that are shown must be used. The indicated dimensions are the minimum clearances. When installing the rangetop under existing cabinets that do not satisfy the minimum cabinet clearances, install a hood over the cooking surface to avoid burn hazards.



Installation

An air curtain or other overhead hood, which operates by blowing a downward airflow onto a rangetop, shall not be used in conjunction with the gas rangetop unless the hood and rangetop have been designed, tested in accordance with ANSI Z21.1 and listed by an independent testing laboratory for combination use. This type of ventilation system may cause ignition and combustion problems with the gas cooking appliance resulting in personal injury or unintended operation.

1.3 Electrical requirements



WARNING

Electrical shock hazard

- This appliance is equipped with a three-prong grounding plug to protect you against the risk of shocks and it should be plugged directly into a properly grounded receptacle. Do not cut or remove the grounding prong from this plug.
- Do not cut or remove the grounding prong.
- Do not use an adaptor.
- Do not use an extension cord.
- Check with a qualified electrician if you are not sure whether the appliance is grounded.



FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN LOSS OF LIFE, FIRE OR ELECTRICAL SHOCK.

Make sure that the power line rating matches the specifications indicated on the ID plate. The ID Plates are visibly located on the back of the appliances.

These ID plates must never be removed.

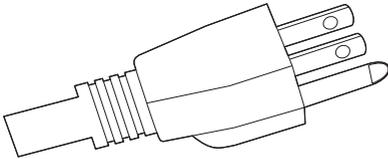
- Wire size and connections must conform to the requirements of the National Electrical Code, ANSI/NFPA 70 ELECTRICAL CODE (*) – last edition or CSA Standard C22.1-94, Canadian Electrical code, Part 1 (***) and CSA C22.2 No. 0-91 or latest edition and all local codes and ordinances for the kilowatt rating of the appliance. **IMPORTANT:** Observe all governing codes and ordinances.
- Your local codes and ordinances, of course, take precedence over these instructions. Complete electrical connections according to local codes and ordinances.
- If codes permit and a separate grounding wire is used, it is recommended that the suitability of the ground path be checked by a qualified electrician.
- Check with a qualified electrician if you are not sure whether the appliance 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.



Recommended Grounding Method

For your personal safety, this appliance must be grounded. This appliance is equipped with a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong grounding receptacle, grounded in accordance with the National ANSI/NFPA 70 Electrical Code (latest edition*) or the Canadian Electrical Code (CSA)** and local codes and ordinances.

If a mating receptacle 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, 1 Batterymarch Park, Quincy, Massachusetts 02169-7471

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

1.4 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 technician ensure that the gas pressure does not exceed a 14" W.C.P.
- Examples of qualified technicians include licensed heating personnel, authorized gas company personnel, and authorized service personnel.
- Failure to do so can result in loss of life, explosion, or fire.



NOTE:

- Observe all codes and ordinances in force.
- The appliance must be connected to a standard gas supply.

This installation must conform with all local codes and ordinances. In the absence of local codes, installation must conform to American National Fuel Gas Code, ANSI Z223.1/NFPA 54 or, in Canada, the Natural Gas and Propane Installation Code, CSA B149.1.

If local codes permit, a flexible metal appliance conductor with the new AGA or CSA design certified, 4-5 feet (1.2-1.5 m) long, $\frac{1}{2}$ " or $\frac{3}{4}$ " ID NPT, is recommended for connecting this appliance to the gas supply line.



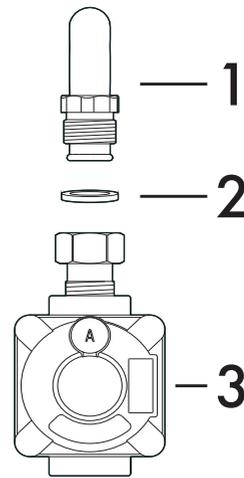
Installation

Do not bend or damage the flexible connector when moving the appliance. The pressure regulator has 3/8" female pipe threads. You will need to determine the fittings required, depending on the dimension of your gas supply line, the flexible metal connector and the shut-off valve. The appliance should be installed in rooms that have a permanent air supply in accordance with the standards in force. The room where the appliance is installed must have enough air flow for the regular combustion of gas and the necessary air change in the room itself. The air vents, protected by grilles, must be the right size to comply with current regulations and positioned so that no part of them is obstructed, not even partially. The room must be kept adequately ventilated in order to eliminate the heat and humidity produced by cooking: in particular, after prolonged use, you are recommended to open a window or to increase the speed of any fans.

Gas connection

The appliance is shipped from the factory for use with natural gas at a pressure of 5" of the water column. When checking for proper operation of the regulator, the inlet pressure must be at least 1" greater than the operating (manifold) pressure above. When used with natural gas, the pressure supplied to the regulator must be between 6" and 10,5" of the water column. To convert the appliance to propane gas see "Conversion to Propane Gas (LPG)". A qualified technician or installer must do the conversion. The gas inlet to the unit is located at the right rear of the appliance. Install the pressure regulator (supplied with unit) to gas inlet.

Position the gasket (supplied with unit) in between the inlet and the regulator. Position the regulator to have its cap easily accessible. Turn the nut on gas inlet to hand tighten plus 1/3 turn. Install the gas pipe to the regulator using Teflon tape or pipe joint compound (resistant to propane gas and natural gas). Turn to hand tighten plus 1/3 turn. Do not exceed 1 turn for alignment, to prevent possible damage to the gas pressure regulator. Check inlet fittings and regulator for leaks.



- 1 - Gas inlet (attached to the appliance)
- 2 - Gasket
- 3 - Pressure regulator

WARNING: Do not attempt any adjustment of the pressure regulator, except when converting to propane. Adjustments could lead to leaks or cause incorrect gas pressure to the appliance.



Test for Gas Leaks

WARNING



FIRE HAZARD

Use a soapy solution to check that it is leak-tight. Never test for gas leaks with a match or other flames. Failure to follow this instruction can result in loss of life or fire.

Follow these instructions to leak test the appliance:

Use a brush and liquid detergent to test all gas connections for leaks. Bubbles around connections indicate a leak. If a leak appears, shut off the gas valve controls and adjust the connections. Then check the connections again.

Remove all the detergent product from the appliance. Replace the parts on the burner and turn the knobs on the gas tap valves.

NEVER TEST FOR GAS LEAKS WITH A MATCH OR OTHER FLAMES.

Check the appearance of the flames

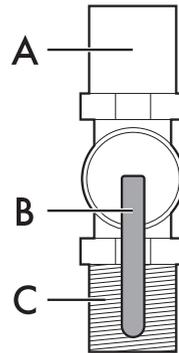
- Yellow flames: Further adjustment is required.
- Yellow tips on outer cones: Normal for LPG Gas.
- Soft blue flames: Normal for Natural Gas.
- Orange flames: Can be normal if certain types of humidifiers are used in the home. Flames should return to blue without the humidifier running.

If the flame is completely or mostly yellow, verify that the regulator is set for the correct fuel. Retest after adjustment.

Some yellow streaking is normal during the initial startup. Allow the appliance to operate for 4–5 minutes and reevaluate before making adjustments.

Shut-off valve

The supply line must be fitted with an approved shut-off valve. This valve should be located in the same room as the appliance and should be in a location where it can be easily opened and closed. Do not block access to the shut-off valve. The valve is necessary for turning the gas to the appliance on or off.



- A - To appliance
- B - Shutoff valve "open" position
- C - Gas Supply Line



Installation

1.5 Burner and nozzle characteristics table

To adjust the appliance for LP gas or to return to Natural Gas use, refer to the charts below.

Natural Gas		Rapid	Dual Flame
QT (BTU)		12000	18000
Injector Ø (mm)		1.52	1.80 + 0.75
QR (BTU)		750	750
LPG		Rapid	Dual Flame
QT (BTU)		12000	18000
Injector Ø (mm)		1.05	1.17 + 0.48
QR (BTU)		750	750
By-pass (mm)		45	55 + 30
Model	Total Rated Input (BTU)		
RTU304GX (30")	54000		
RTU366GX (36")	84000		



NOTE: Save the nozzles that were removed from the appliance along with these instructions for possible future use.

- Connect the gas supply line to the unit pressure regulator using a 1/2" flex gas line connector between the manual shutoff valve and the pressure regulator. A metal flex line or fixed metal pipe must be used to connect the gas to the appliance. If a metal gas line cannot be used, consult your local certified electrician or local electric codes for proper grounding.
- Check the supply line connections for leaks using a soap solution or noncorrosive leak detection fluid. Do not use a flame of any sort.

Important notes for Gas Connection

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

Final operations

- Completely fill out the Gas Conversion label (part no. 92849A078) and attach it to the rear or bottom of the appliance. Do not cover any other labels with the Gas Conversion label.
- Over time the gas taps may become difficult to turn and get blocked. Clean them internally and replace the lubrication grease.



NOTE: Lubrication of the gas taps should be performed by a specialized technician.

- Save the nozzles removed from the appliance along with these instructions for possible future use.
- For installation of the appliance at high altitude, please consult your local gas company for their recommendation on the correct orifice sizes and any other necessary adjustments that will provide proper gas combustion at specified altitudes.



Incoming line pressure

Incoming line pressure upstream from the regulator must be 1" (2.5 cm) W.C.P. higher than the manifold pressure in order to check the regulator. Incoming line pressure to the regulator should be as follows for operation and checking the regulator setting:

- **Natural Gas:** Set pressure to 5" W.C.P. Incoming line pressure of 6" - 10 1/2" W.C.P. maximum.
- **LP Gas:** Set pressure to 10" W.C.P. Incoming line pressure 11" - 13" W.C.P. maximum.

1.6 Conversion to Propane Gas (LPG)

WARNING

This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.



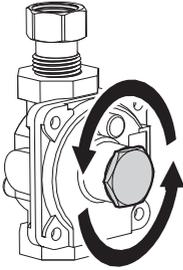
CAUTION: The gas supply shall be shut off prior to disconnecting the electrical power, before proceeding with the conversion.



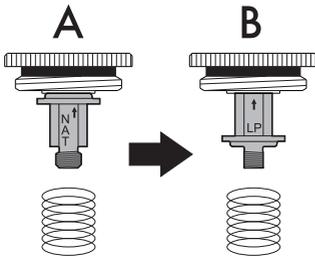
Installation

To convert the regulator to the type of gas used, the following must be done:

1. Unscrew the cover of the pressure regulator.



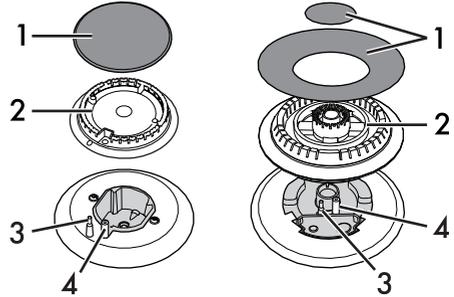
2. Unscrew the plastic regulator stem from the regulator cap. The configuration "A" is for Natural Gas.
3. Invert the plastic regulator stem to achieve the configuration "B" for Propane Gas and screw it in tightly.



4. Screw in the regulator stem and cap into its place.

Replacing the burner nozzles

1. Remove all the grates and all the burner caps (1) and heads (2);

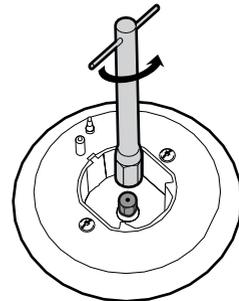


Make sure that the holes of the flame-spreader crowns are aligned with the thermocouples (3) and igniters (4).

2. Replace the nozzles

Rapid burner

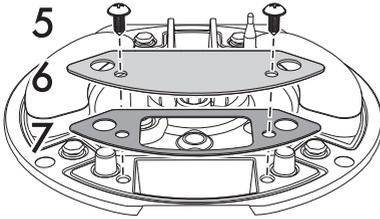
Unscrew the burner nozzles with a 7 mm socket wrench and replace them according to the type of gas to be used and the description in section "Burner and nozzle characteristics table".



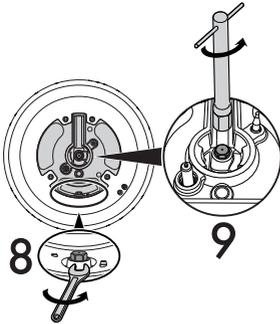


Dual Flame burner

1. Remove the tightening screws (5), the cover plate (6) and the gasket (7).



2. Remove the internal (8) and external (9) nozzles and replace them according to the type of gas to be used and the description in section "Burner and nozzle characteristics table".



3. Refit the burner components correctly.



NOTE: There are no burner parts under the cooktop to clean, disassemble or adjust.

Test for gas leaks

After the conversion it is important to verify the leakages and correct appearance of the flames. (see page 16).

Conversion kit list of components

The conversion kit consists of the following components, based on the model:

Both 30" and 36" models:

- One Gas Conversion label:

THIS APPLIANCE WAS CONVERTED ON:

Cet appareil a été converti le:

_____ (DAY, MONTH, YEAR) (jour, mois, année)

TO GAS/au gaz _____ WITH KIT N°/avec le kit n°: _____

BY/par _____

(name and address of organization making this conversion)
(nom et adresse de l'organisme effectuant cette conversion)

**WHICH ACCEPTS THE RESPONSIBILITY THAT THIS
CONVERSION HAS BEEN PROPERLY MADE**

**Qui accepte la responsabilité que cette conversion
a été effectuée de manière adéquate**

THIS PRESSURE REGULATOR HAS BEEN

CONVERTED FOR USE WITH GAS: _____

Ce régulateur de pression a été converti pour

l'utilisation avec le gaz: _____ Cod. 92849A/078

- One seal gasket 12.5x18.5x2 (mm) - 0.5x0.73x0.08 (in).

For 30" models only:

- One label for LPG injectors.

KIT INJECTORS FOR L.P.G. GAS

N°: 691131500 FOR MODEL

Injecteurs kit pour le gaz P.L.

N°: 691131500 pour le modèle

RTU304GX

- One injector \varnothing 1.17 mm for the Dual Flame burner (outer ring).
- One injectors \varnothing 0.48 mm for the Dual Flame burner (inner ring).
- Three injectors \varnothing 1.02 mm for the Rapid burners.



Installation

For 36" models only

- One label for LPG injectors.

KIT INJECTORS FOR L.P.G. GAS

N°: 691131499 FOR MODEL

Injecteurs kit pour le gaz P.L.

N°: 691131499 pour le modèle

RTU366GX

913093067

- Two injectors \varnothing 1.17 mm for the **Dual Flame** burners (outer ring).
- Two injectors \varnothing 0.48 mm for the **Dual Flame** burners (inner ring).
- Four injectors \varnothing 1.02 mm for the **Rapid** burners.

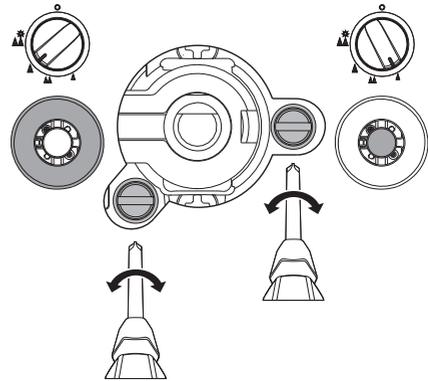
At the end of the conversion procedure completely fill out the Gas Conversion label (part no. 92849A078) and attach it to the rear or bottom of the appliance. Do not cover any other labels with the Gas Conversion label.

1.7 Minimum adjustment

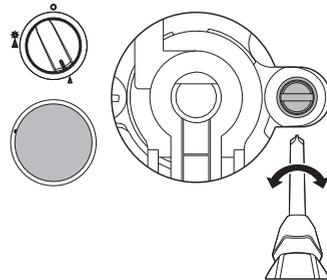
For natural Gas:

Light the burner and turn the knob to the minimum position. Remove the gas tap knob and turn the adjustment screw at the side of the tap rod until the desired minimum flame is achieved. Refer to the following pictures.

- Dual Flame burner:



- Rapid burner:



Refit the knob and verify the correct ignition and burner flame stability (when turning the knob rapidly from the maximum to the minimum position the flame must not go out). Repeat this operation on the remaining gas taps on the cooktop.

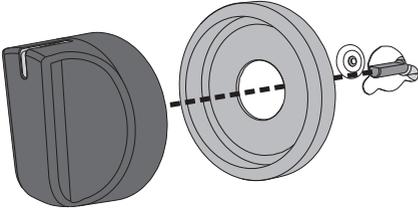
For LP Gas:

Turn off the burners and unplug the appliance from the electrical power supply. For regulating the minimum with LP, the screws at the side of the tap rod must be turned clockwise all the way. Once the regulation has been completed, replace the seal on the by-passes using paint or similar materials.



Lubricating the surface burner gas valves

Over time, the surface burner gas valves may become stiff or jam. Clean them internally and relubricate. This operation must be carried out by a qualified technician.



1.8 For the installer

- The plug must remain accessible after the installation is complete. Do not kink or trap the mains connection cable.
- The appliance must be fitted according to the installation diagrams.
- Do not attempt to turn or stress the threaded elbow on the manifold. You risk damage to this part of the appliance which may void the manufacturer's warranty.
- Before leaving check all connections for gas leaks with soap and water. DO NOT use a naked flame for detecting leaks.
- Ignite all burners individually and concurrently to ensure correct operation of the gas valves, burner and ignition.
- Turn the gas knobs to the low position and observe stability of the flame for each burner individually and all together.
- In case the appliance fails to operate correctly after all checks have been carried out, refer to the Authorised Assistance Centre in your area.
- When satisfied with the appliance, please instruct the user on the correct method of operation.

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