

 **PROLINE**
RANGE HOODS



Proline PLST Gas Cooktops
PLST 30G, 36G & 48G

INSTALL MANUAL

Table of Contents

Warranty Information and Return Policy	2	Product Specifications	13
Important Safety Instructions	3	Cabinet Cut-out Dimensions	14
Gas Supply and Electrical Connection	6	Gas Range Top Specifications	15
Gas Supply	7	Gas Connection	16
Gas Connection	8	Liquid Propane Conversion	20
Electrical Safety	9	Installing Parts	27
Included Parts	10	Range Knob Usage	28
Dimensions and Clearances	12	Finish Installation	30

Warranty Information and Return Policy

Proline 1-Year Warranty

All Proline gas cooktops are covered by a three-year limited warranty.

For the first year, we cover parts and labor. This does not include installation. For the second and third years, we cover parts only.

This warranty covers all components of the cooktop except the following:

- Burner caps and grates
- Cooktop surface damage (scratches, dents, or cosmetic wear)
- Damage resulting from improper installation, misuse, or lack of maintenance

If your cooktop is not operating properly and is outside of the warranty period, please contact us at (801) 973-3959. Our team can often help troubleshoot issues or provide replacement parts at a reasonable cost.

Proline Return Policy

For the most accurate and up-to-date return policy, please scan the QR code at the back of this manual or visit our website. Printed materials may occasionally be outdated. Always refer to our online support section for the latest information.

We want you to be completely satisfied with your purchase. Please review the following before installation or discarding packaging:

1. Damaged or Defective? Notify Us Within 5 Days

If your cooktop arrives damaged or defective, you must notify us within 5 business days of delivery. We will work with you to

repair, replace, or fully refund the item at no cost. Claims made after 5 business days will not be accepted.

2. Changed Your Mind? 30-Day Return Window

If the product is not damaged but you wish to return it, you may request a return within 30 days of delivery. Approved returns are subject to a 20% restocking fee.

3. No Returns After 30 Days

Returns are not accepted under any circumstance beyond 30 days from delivery.

4. Installed Products Are Not Eligible for Return

Products that have been installed or show any signs of installation are not eligible for return.

5. Retain Original Packaging

All returns must include the original packaging. Returns without original packaging will not be accepted.

6. Photo Documentation Required

To process a return request, photo documentation is required:

- If the box has been opened: Provide 6 clear photos showing all sides of the cooktop, including top and bottom, outside of the packaging.
- If the box is unopened: Provide photos showing the factory seal is intact.

Ensure the product is uninstalled, repackaged in the original box with all accessories, and in new condition.

Important Safety Instructions

Read all instructions carefully before installation or use. Keep this manual for future reference. Installation and service must be performed by a qualified installer, service agency, or gas supplier.

1. Gas Emergency Procedures

WARNING — IF YOU SMELL GAS

Do not try to light any appliance.
Do not touch any electrical switch.
Do not use any phone in the building.
Immediately call your gas supplier from a neighbor's phone and follow their instructions.
If you cannot reach your gas supplier, call the fire department.
Leave the building immediately.

Additional gas emergency reminders:

- Do not store or use gasoline or other flammable vapors and liquids near this appliance.
- Gas leaks cannot always be detected by smell. Use a gas detector approved by UL or CSA. Contact your gas supplier for recommendations.
- Never use an open flame to check for leaks — use a soap solution (75% water, 25% dish soap) only.
- Know how to shut off the gas supply at the meter and how to disconnect electrical power at the circuit breaker. Your installer should show you the location of the appliance gas shut-off valve.
- Never use this appliance as a space heater. Doing so may result in carbon monoxide poisoning.

2. Installation Safety

Qualified Installer Requirement

WARNING

Installation and service must only be performed by a qualified installer, service agency, or gas supplier. Improper installation voids the warranty and may result in fire, explosion, injury, or death.

- Always disconnect gas and electrical power before servicing this product.
- Do not repair or replace any part of the appliance unless specifically recommended in this manual. All other servicing should be done by a qualified technician.

- Never modify or alter the appliance by removing panels, wire covers, or any other part of the product.
- The manufacturer is not responsible for damage caused by incorrect installation, improper use, or failure to follow the warnings in this manual.

Gas Supply Requirements

This appliance is factory set for natural gas. LP gas conversion must be performed by a qualified technician. See the LP Conversion section of this manual.

	Natural Gas	Liquid Propane
Supply Pressure	5" (12.5 mb)	10" (25 mb)
Minimum Line Pressure	7" (17.5 mb)	11" (27.4 mb)
Maximum Regulator Pressure	14" (34.9 mb) / 0.5 psi	14" (34.9 mb) / 0.5 psi

- Use a new CSA International approved gas supply line. Never reuse an old connector.
- Install an approved manual gas shut-off valve in an accessible location in the same room as the appliance.
- Apply Teflon tape or LP-resistant thread compound to all threaded connections.
- Use a flexible metal connector no longer than 36" (914 mm). In Massachusetts, flexible connectors must not exceed 36" and ball valves must be T-handle type.
- If installed at high altitude, consult your local gas company before use — gas pressure issues may affect performance.

Electrical Requirements

All models require: 120 VAC, 60 Hz — 15-amp dedicated circuit — 3-prong NEMA 5-15P grounded outlet.

- Do not use a 2-prong adapter or extension cord.
- Do not use a GFCI outlet — this is not recommended.
- Ensure correct polarity. Reverse polarity causes continuous electrode sparking. Have a qualified electrician verify if unsure.
- The electrical outlet must remain accessible after the appliance is installed.

Placement & Clearances

- Maintain 28"–36" (711–914 mm) clearance between the cooktop surface and the bottom of the ventilation hood.
- Maintain at least 6" (152 mm) side clearance from combustible vertical surfaces above 36" counter height.

- Wall coverings, countertops, and cabinets near the appliance must withstand at least 200°F (93°C).
- If cabinetry is installed above the cooktop, maintain a minimum clearance of 30" (762 mm) between the cooking surface and combustible materials. This clearance may be reduced to 24" (610 mm) when a properly installed range hood or protected noncombustible surface is provided. Always follow local codes and hood manufacturer requirements.
- Do not install with a downdraft ventilation system. Use ducted hoods only.
- Do not hang long curtains or blinds near a window adjacent to the appliance — they can blow over burners and ignite.
- All openings in the wall or floor at the installation location must be sealed.

3. Cooktop Use Safety

DANGER — BURN AND FIRE HAZARDS

Never leave surface burners unattended while in use. Do not touch cooking surfaces, burners, grates, or nearby areas — these remain hot even after flames are off. Keep children away from the appliance at all times.

Fire Safety

- Smother grease fires with a pan lid, baking soda, or a dry chemical/foam extinguisher. Never use water on grease fires.
- If a fire occurs, keep away from the appliance and call the fire department immediately.
- When heating fat or grease, watch it closely — it can ignite if overheated.
- Keep the appliance and surrounding area free of combustible materials: paper, plastic, cloth, cookbooks, aerosol cans, and towels.
- Clean the appliance regularly — grease buildup in hoods, filters, or on the cooktop can catch fire.
- Turn the range hood fan on whenever the cooktop is in use.

Burn Prevention

- Do not wear loose-fitting or hanging garments while cooking.
- Use only dry potholders and oven mitts — damp ones on hot surfaces cause steam burns.
- Turn pot and pan handles inward so they do not extend over adjacent burners or the cooktop edge.

- Do not heat unopened food containers — pressure buildup can cause them to burst.
- Do not step, lean, or sit on this appliance.

Burner Operation

- Know which knob controls which burner. Visually confirm the burner has lit, then adjust the flame so it does not extend beyond the edge of the pot or pan.
- Always use properly sized cookware with flat bottoms large enough to cover the burner.
- Do not use decorative surface burner covers — if a burner is accidentally turned on, covers will overheat, may melt, and block airflow, causing combustion problems.
- Do not use stove top grills on sealed gas burners — incomplete combustion can produce carbon monoxide above safe levels.
- Do not use aluminum foil to line any part of the appliance. Use it only to cover food during cooking.
- Only glass, ceramic, earthenware, or glazed cookware rated for stovetop use should be placed on burners — sudden temperature changes can crack unsuitable materials.

Children's Safety

- Never leave children unattended in the kitchen while the cooktop is in use.
- Do not allow children to climb, play, sit, or stand on or near the appliance.
- Do not store items of interest to children in cabinets above the cooktop.

4. Ventilation Safety

Proper ventilation is required for both safe operation and air quality. This cooktop must be used with a ducted range hood — do not use with a recirculating or downdraft system.

- Always turn on the ventilation hood when the cooktop is in use.
- For intensive or extended cooking sessions, increase ventilation by opening a window or increasing hood fan speed.
- Keep range hood grease filters clean. Grease accumulation in the fan or filters is a fire hazard.
- Combustion air must flow naturally into the room through unobstructed openings in exterior walls — do not block ventilation air intakes.
- Properly adjusted burners burn with a blue flame. Yellow or orange flames indicate incomplete combustion — contact a qualified technician to adjust.

- Gas appliances can produce trace amounts of benzene, carbon monoxide, formaldehyde, and soot from incomplete combustion. Proper ventilation minimizes exposure.

5. State-Specific Requirements

Massachusetts

- All installation and repairs must be performed by a licensed contractor, plumber, or gas fitter licensed by the State of Massachusetts.
- Ball valves, if used, must be T-handle type.
- Flexible gas connectors must not exceed 3' (914 mm).

California — Proposition 65 Notice

WARNING — STATE OF CALIFORNIA

This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Gas appliances can cause minor exposure to benzene, carbon monoxide, formaldehyde, and soot — primarily from incomplete combustion. Proper burner adjustment and ventilation minimize exposure.

BEFORE INSTALLATION

GAS SUPPLY AND ELECTRICAL CONNECTION

GAS SAFETY



DANGER

Explosion hazard conditions will exist unless you perform ALL of the following; failure to do so can result in death, explosion, or fire.

- Use a new CSA International approved gas supply line.
- Install a manual gas shut-off valve.
- Securely tighten all gas connections.
- Examples of a qualified person include:
 - Licensed heating personnel
 - Authorized gas company personnel
 - Authorized service personnel
- 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/NFPA 54—latest edition, or CAN/CGA B149—latest edition.
 - In Canada, installation must conform to the current natural gas installation code, CAN 1-1.1-M81, and with local codes where applicable. This appliance has been design-certified according to ANSI Z21.1b-201 latest edition. A statement of the maximum gas supply pressure in accordance with the inlet pressure rating of the gas appliance pressure regulator is supplied.
 - **IMPORTANT:** Leak testing of the appliance must be conducted according to the manufacturer's instructions.
- The appliance should be connected to the supply line with a 1/2" or 3/4" (depending on model) metal gas line or a certified flexible type stove connector. To prevent gas leaks, put an approved sealing compound that is resistant to liquefied petroleum gases on all threaded connections.

BEFORE INSTALLATION

GAS SUPPLY

NATURAL GAS:

- This appliance is designed for use with natural gas or, after proper conversion, for use with liquid propane gas.
- This appliance is factory set for use with natural gas. The model/serial rating plate has information on the types of gas that can be used.

LIQUID PROPANE GAS:

- Conversions must be done by a qualified service technician. Go to page 25 for liquid propane conversion instructions.
- Do not attempt to convert the appliance from the gas specified on the model/serial rating plate for use with a different gas without consulting the local gas company.

GAS REQUIREMENTS - ALL MODELS	
NATURAL GAS	WC
Supply Pressure	5" (12.5 mb)
Minimum Line Pressure	7" (17.5 mb)
Maximum Regulator Pressure	14" (34.9 mb), 0.5 psi (3.5 kPa)
LIQUID PROPANE GAS	WC
Supply Pressure	10" (25 mb)
Minimum Line Pressure	11" (27.4 mb)
Maximum Regulator Pressure	14" (34.9 mb), 0.5 psi (3.5 kPa)

BEFORE INSTALLATION

GAS CONNECTIONS

- **IMPORTANT:** Do not apply pressure directly to the appliance manifold pipe when tightening supply connections. The manifold pipe should be held securely at the pressure regulator to prevent twisting. Hold the pressure regulator with a wrench during tightening, or the manifold pipe may be twisted and split and cause a dangerous leak.
- **NOTE:** Check all piping connections on the unit for leaks. Use a soap solution, 75% water, 25% dish soap. It is possible for connections made at the factory to leak, due to vibration encountered in shipping. Make certain you have checked them all, and repair any connections that leak.



NEVER use an open flame to check for leaks from gas connections. Checking for leaks with a flame may result in a fire or explosion.

- 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 psig (3.5 kPa).

GAS LINE SHUT-OFF VALVE

- To reduce the possibility of gas leaks, apply Teflon tape or a thread compound approved for use with liquid propane or natural gases to all threaded connections.
- Install an agency-approved, properly-sized manual gas line shut-off valve in the gas line in an easily accessed location outside the range in the gas piping external to the appliance for the purpose of turning on or shutting off gas to the appliance.
- This valve is not shipped with the appliance and must be provided by the installer.
- For PLST30 and PLST36 series ranges, install a male 1/2" flare union adapter to 1/2" FPT internal thread at the regulator's inlet.
- For PLST30, PLST36, and PLST48 series ranges, install a male 3/4" flare union adapter to the 3/4" FPT internal thread at the regulator's inlet.
- Use a wrench on the regulator fitting to avoid damage.
- Install a male 1/2" or 3/4" flare union adapter to the MPT internal thread of the manual shut-off valve, taking care to secure the shut-off valve to keep it from turning.

BEFORE INSTALLATION

ELECTRICAL SAFETY



ELECTRIC SHOCK HAZARD

DANGER

- Failure to follow these instructions can result in death, fire, or electrical shock.
- Any additions, changes, or conversions required to properly operate this appliance must be made by a qualified service technician in accordance with the manufacturer's instructions and all codes and requirements of the local governing authority.
- Failure to follow the instructions could result in serious injury or property damage. The qualified agency performing this work assumes responsibility for the conversion.
- DO NOT operate this appliance using a 2-prong adapter. DO NOT use an extension cord. If a 2-prong wall receptacle is the only available outlet, it is the responsibility of the consumer to have it replaced with a properly grounded 3-prong wall receptacle installed by a qualified electrician.
- Using an outlet with a ground fault circuit interrupter (GFCI) is not recommended.
- Severe shock or damage to the range may occur if the appliance is not installed by a qualified installer or electrician.
- The power supply must be the correct polarity. Reverse polarity will result in continuous sparking of the electrodes, even after flame ignition. If unsure whether the power supply has the correct polarity or is properly grounded, have it checked by a qualified electrician.

ELECTRICAL REQUIREMENTS - ALL MODELS	
Electrical Supply	120 VAC, 60 Hz
Circuit	15-amp dedicated circuit
Total Amps	3



WARNING

Ranges are equipped with a 3-prong NEMA 5-15P plug for your protection against shock hazard and should be plugged directly into a properly grounded receptacle. Do not cut or remove the prong from this plug.



CAUTION

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

BEFORE INSTALLATION

INCLUDED PARTS

- Burner caps
- Burner rings
- Standard grates
- Knobs
- LPG orifices
- Pressure regulator
- AC plug

TOOLS AND ADDITIONAL PARTS NEEDED (NOT INCLUDED)

- Tape measure
- Phillips-head screwdriver
- Flat head screwdriver
- 1/8" (3 mm) flat head screwdriver
- Level
- Hand or electric drill
- Wrench or pliers
- Pipe wrench
- 15/16" (24 mm) combination wrench
- 1/8" (3 mm) drill bit
- Marker or pencil
- Pipe-joint compound resistant to LP gas
- Noncorrosive leak-detection solution
- 7 mm socket wrench or nut driver
- 10 mm socket wrench or nut driver
- Manual gas line shut-off valve
- Male 1/2" or 3/4" flare union adapter
- 1/2" or 3/4" MPT internal thread elbow

BEFORE INSTALLATION

ADDITIONAL PARTS

- Check local codes, consult your gas supplier, and check the existing gas/electrical supply prior to beginning the installation process.
- See the “Electrical Safety” and “Gas Connection” sections of this manual for further information and guidance on the additional parts a qualified installer will need to perform this installation.

RANGE TOP PLACEMENT

- The measurements on page 12 must be used. Given dimensions are minimum clearances from combustible surfaces. For additional cabinet cut-out details, see page 14.
- Working areas adjacent to the appliance should have 18" (457 mm) minimum clearance between countertop and cabinet bottom (see diagram on page 12 for reference).
- All openings in the wall or floor where appliance will be installed must be sealed.
- A grounded electrical supply is required. See the “Electrical Supply” section on page 9 for requirements and additional safety precautions.
- Proper gas supply connection must be available. See “Gas Connection” section on pages 6–8, as well as additional gas supply requirements on page 12.
- Reference the diagram on page 12 for the appropriate locations for gas and electrical hookups. Electrical cord length for all range tops and sizes is 71" (1803 mm).
- The range top should only be installed below ducted ventilation hoods. Do not install with a downdraft ventilation system.



WARNING

The range top may not sit flush to the back wall if the gas or electrical connections are installed outside of these dimensions.



WARNING

It is the responsibility of the installer to ensure the appliance is properly adjusted at the time of installation. Situations caused by improper adjustments or improper installation are not covered under warranty.

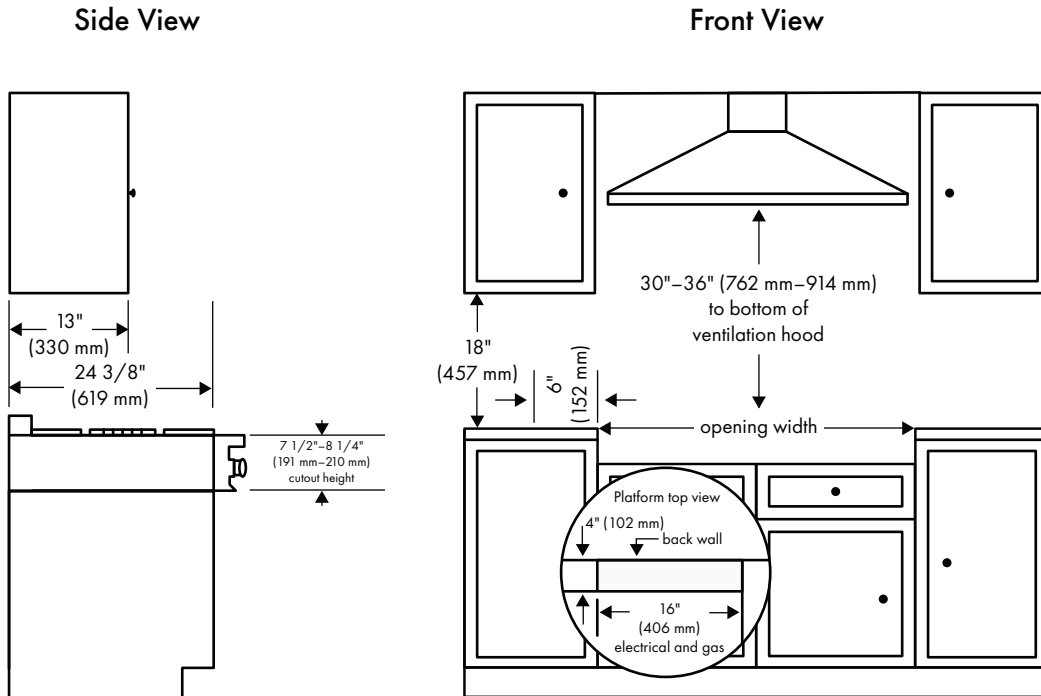


WARNING

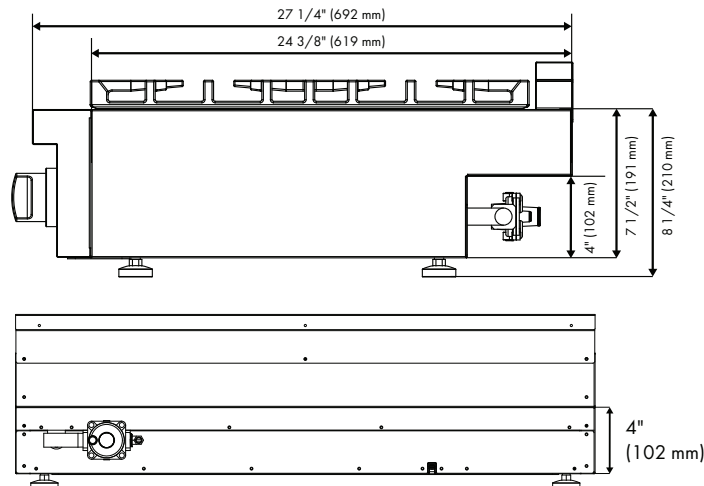
Items of interest to children should not be placed in cabinets above the range top. Children climbing on the range top to reach items could be seriously injured or burned.

BEFORE INSTALLATION

DIMENSIONS AND CLEARANCES



- Make sure the wall coverings, countertop and cabinets around the appliance can withstand heat up to 200 °F (93 °C) generated by the appliance.
- Cabinet opening dimensions that are shown must be used. Given dimensions are minimum clearances.
- Working areas adjacent to the range top should have 18" (457 mm) minimum clearance between countertop and cabinet bottom.



BEFORE INSTALLATION

RECOMMENDED CABINET CUT-OUT DIMENSIONS

Cut the opening in the countertop. To ensure accuracy, it is best to make a template for the opening. Make sure the sides are parallel and that rear and front cuts are exactly perpendicular to the sides. Observe all minimum clearances.

RANGE SERIES	WIDTH	DEPTH	HEIGHT
30" (762 mm) models	30 1/8" W (765 mm W)	24" D (minimum)–26" D (maximum)* 610 mm D (minimum)–660 mm D (maximum)*	7 1/2" H (minimum)–9 3/4" H (maximum)** 191 mm H (minimum)–248 mm H (maximum)**
36" (914 mm) models	36 1/8" W (918 mm W)		
48" (1219 mm) models	48 1/8" W (1222 mm W)		

* Depth can be a maximum of 26" (660 mm) for the front of the unit to be flush with the cabinetry.

** Height can be between 8 1/4"–9 3/4" (210 mm–248 mm) if you install the legs.



The use of cabinets for storage above the appliance may result in a potential fire hazard. Combustible items may ignite; metallic items may become hot and cause burns. If cabinet storage is necessary, the risk can be reduced by installing a range hood that projects horizontally a minimum of 5" (127 mm) beyond the bottom of the cabinets.

BEFORE INSTALLATION

GAS RANGE TOP SPECIFICATIONS

NOTE: Minimum clearance for back wall is 0" (0 mm) with backsplash (backguard) or high shelf.

- If a range hood is installed above the range top, maintain a 28" (762 mm) minimum clearance between the range top and the bottom of the range hood.
- The range top should only be used with ducted range hoods.
- Do not install with a downdraft ventilation system.
- The range top CANNOT be installed directly adjacent to sidewalls, tall cabinets, tall appliances, or other side vertical surfaces above 36" (914 mm) high. There must be a minimum of 6" (152 mm) side clearance from the range top to such combustible surfaces above the 36" (914 mm) counter height.
- Within the 6" (152 mm) side clearance to combustible vertical surfaces above 36" (914 mm), the maximum wall cabinet depth must be 13" (330 mm) and wall cabinets within this 6" (152 mm) side clearance must be 18" (457 mm) above the 36" (914 mm) high countertop.

PREPARE CUT-OUT



WARNING:

WARNING

- Items of interest to children should not be placed in cabinets above the cooktop.
- Children climbing on the cooktop to reach items could be seriously injured.

INSTALLATION IN AN ISLAND

- **NOTE:** There must be a minimum of 6" (152 mm) clearance from rear of range top to a combustible wall. Clearances from non-combustible materials are not part of the ANSI Z21.1 scope and are not certified by CSA. Clearances to non-combustible materials must be approved by the authority having jurisdiction.
- This range top may be installed directly adjacent to existing 36" (914 mm) high base cabinets.

INSTALLATION

GAS CONNECTION

- While range tops come factory ready to operate on natural gas (NG), the appliance can be converted for use on liquid propane gas (LPG). When using this range top on liquid propane gas, the conversion must be made by a qualified installer before attempting to operate the range top on that gas.
- All gas connections must comply with national and local codes. When connecting a flexible gas line connector to the regulator on the range top, be sure to position the range top to permit connection at the manual shut off valve.



The gas supply line must be equipped with an approved manual shut-off valve. The shut-off valve must be in an easily accessible location in the same room as the appliance. Do not block access to the shut-off valve. Be sure you know how and where to shut off the gas supply to the range top.

IMPORTANT:

- The pressure regulator located at the inlet of the appliance manifold must remain in the supply line regardless if natural gas or liquid propane gas is being used.
- The gas regulator has a clear plastic shield covering the inlet to protect against debris. Be certain this has been removed prior to connecting the supply line or coupler.
- A flexible metal appliance connector to connect the range top to the gas supply should be a maximum of 3' – 36" (914 mm) in length for easy installation.

INSTALLATION

GAS CONNECTION (CONTINUED)



EXPLOSION HAZARDS

WARNING

- Please read ALL safety precautions on pages 1 – 10 before beginning installation.
- Only use a CSA-approved gas supply line.
- You must install an approved manual shut-off valve.
- Securely tighten all connections if necessary to prevent gas leakage in the appliance or supply line.
- If connected to LPG, have a qualified person make sure gas pressure does not exceed 3.5 kPa/14" W.C.P. Examples of a qualified person include licensed heating personnel, authorized gas company personnel, and authorized service personnel.
- Failure to follow these warnings can result in death, explosion, or fire.

GAS INSTALLATION STEPS

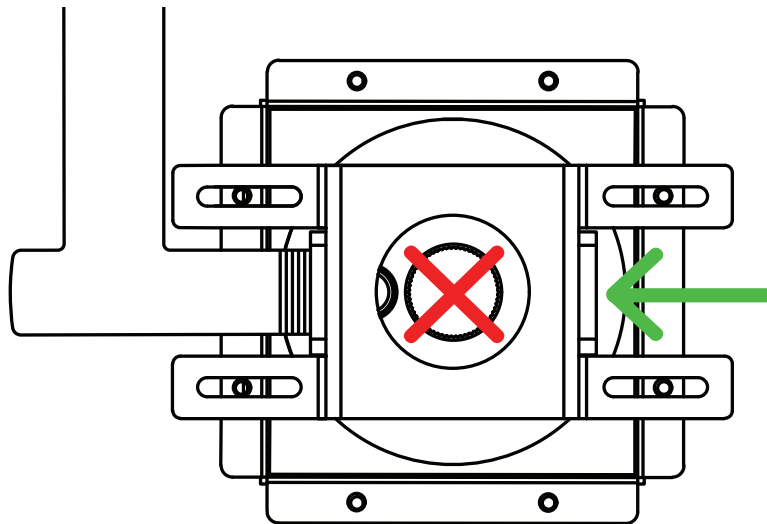
1. Shut off the main gas supply valve before removing the old cooking appliance (if applicable) and leave it off until the new hook-up has been completed. Don't forget to relight the pilots on other gas appliances when you turn the gas back on.
2. Because hard piping restricts movement of the appliance, the use of a CSA-certified flexible metal appliance connector is recommended unless local codes require a hard-piped connection. Never reuse an old connector when installing a new appliance. If the hard piping method is used, you must carefully align the pipe. To prevent gas leaks, use pipe joint compound resistant to gas on all male external pipe threads.
3. Use a flexible gas line to connect to the 1/2" or 3/4" (depending on model) regulator fitting, located on the bottom left corner underneath the appliance (when facing the rear of the range).
4. When all connections have been made, be sure all appliance controls are in the off position and turn on the main gas supply valve. Check for gas leaks by using a 75% water, 25% dish washing soap solution. If a gas leak occurs, shut off gas immediately, tighten all connections, and retest for leaks.

INSTALLATION

GAS CONNECTION (CONTINUED)



Only connect the gas line through the 1/2" or 3/4" (depending on model) fitting on the side of the pressure regulator, as outlined in the diagram on the following page. DO NOT attempt to connect gas by removing the regulator access cap — the regulator access cap is only used for liquid propane conversions and must stay on at all times.



Refer to this diagram for proper gas hookup on the right side of the regulator.

IMPORTANT: Regulator access cap is for LP conversion and pressure adjustment only. Gas hookup does not go here. Hand tighten regulator access cap only.

INSTALLATION

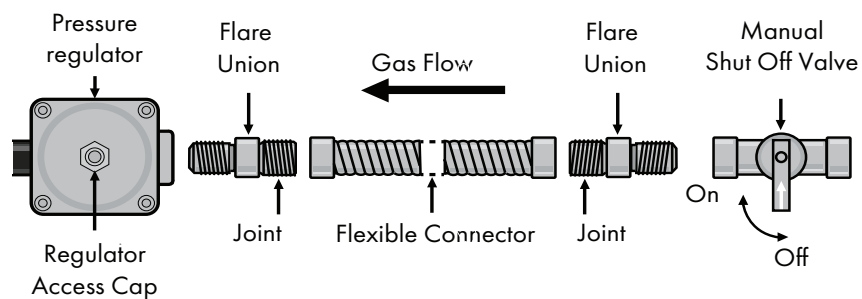
GAS CONNECTION (CONTINUED)



SAFETY AND EXPLOSION HAZARDS

DANGER

- Check alignment of control knob valves. A misalignment could result in a gas leak at the valve.
- The below figure demonstrates the proper gas hook-up flow for all range tops. The pressure regulator is located at the bottom right corner when facing the unit (bottom left corner when facing it from behind).
- **NOTE:** The pressure regulator and cap come pre-installed on the unit; the other parts in the figure below are not supplied and are the responsibility of the customer to obtain for a qualified installer to install to ensure a safe and effective gas hook-up.



INSTALLATION

LIQUID PROPANE GAS CONVERSION PROCEDURE (OPTIONAL)



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



CAUTION: Before proceeding with the conversion, shut off the gas supply to the appliance prior to disconnecting the electrical power.



IMPORTANT SAFETY MEASURES

- The conversion must be performed by a qualified service technician in accordance with the kit instructions and all local codes and requirements.
- When the appliance is converted for liquid propane gas, the LPG gas supply is required to provide a minimum of 2.5 kPa/10" W.C.P. to a maximum of 3.5 kPa/14" W.C.P. to the appliance regulator.



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 of the authority 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.

INSTALLATION

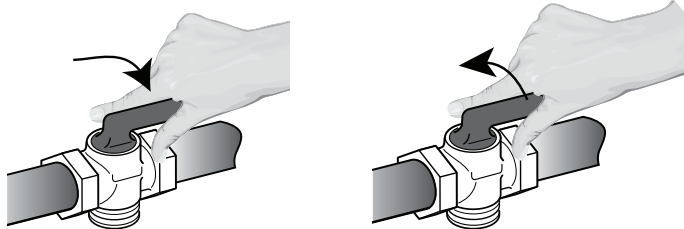
LIQUID PROPANE CONVERSION (CONTINUED)



Disconnect electrical power to the appliance before servicing. Failing to do so may result in death, fire, or electrical shock.

ADJUSTING THE REGULATOR PRESSURE

- Shut off the gas supply to the appliance by closing the manual shut-off valve (see images below). Purge the gas line by pushing in the range knobs several times to ensure no more gas is flowing through the system.



- Unscrew the regulator access cap by hand or with a proper-sized pipe wrench.
- Remove the regulator pin by pulling it out.

INSTALLATION

LIQUID PROPANE CONVERSION (CONTINUED)

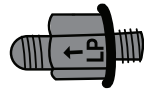


30" and 36" (762 mm and 914 mm) models



48" (1219 mm) models

- Unscrew the retainer pin, reverse it, and screw back into the regulator cap as outlined in the figures above and below.
 - For 30" and 36" (762 mm and 914 mm) models, pin is not attached to a spring.
 - For 48" (1219 mm) models, the pin is attached to a spring. When reversing the pin, ensure the spring is snug when tightening.



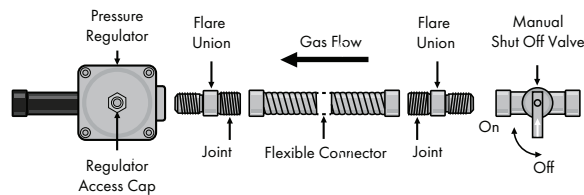
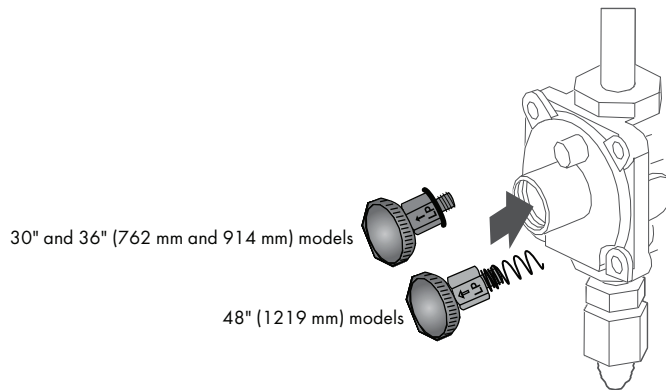
30" and 36" (762 mm and 914 mm) models



48" (1219 mm) models

- Screw the regulator access cap back into the regulator and re-attach it to the nipple and flare union as shown. **DO NOT** over-tighten (see figures below).

NOTE: The pressure regulator and cap come pre-installed on the unit; the other parts in the figure at bottom right are not supplied and are the responsibility of the customer to obtain for a qualified installer to install to ensure a safe and effective gas hook-up.

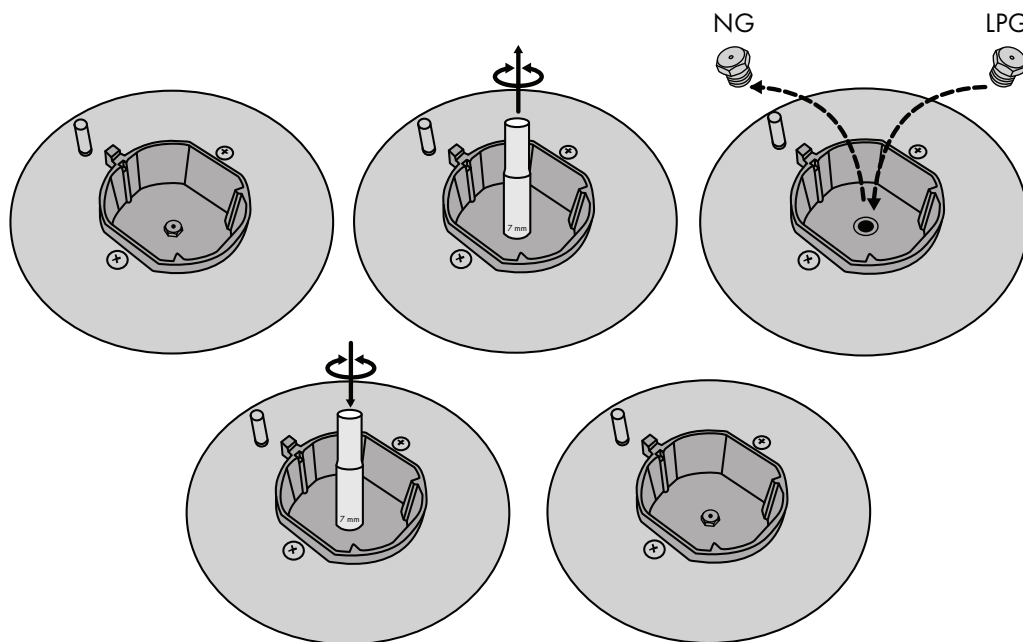


INSTALLATION

LIQUID PROPANE CONVERSION (CONTINUED)

CHANGING BURNER ORIFICES

- After removing the burner grates, burner caps, and burner spreads, use a 7 mm nut driver or wrench to remove the existing natural gas orifices as outlined in the figure below. Carefully read and observe each orifice label for correct location.
- **IMPORTANT:** DO NOT force or over-tighten orifices, as doing so may damage the burner base and affect the flame.
- **NOTE:** Not indicated in the images below are dual burner layouts. Each dual burner includes 3 orifices — 1 in the middle, like below, and 2 on the side. Use a 7 mm wrench to remove the side orifices.



Save the orifices removed from the appliance for future use. You should use the same process to re-convert to natural gas. Take extra care when handling steel parts.



Conserver les orifices retirés de l'appareil en vue d'une utilisation ultérieure.



Care should be taken when removing and replacing gas components. Use proper support to prevent damage to components.

INSTALLATION

LIQUID PROPANE CONVERSION (CONTINUED)

ORIFICE NUMBERS

INSTALLATION TIP: To prevent any mistakes during the conversion, remove ALL existing natural gas orifices first before replacing them with the LPG orifices.

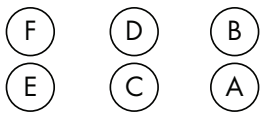
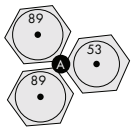
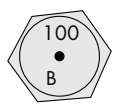

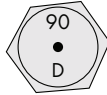
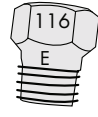
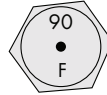
IMPORTANT: Each orifice has a number indicating its flow diameter printed on the body. Install the proper orifice in the exact locations as noted in the illustrations and table below for PLST30 series range tops. Note the dual burner includes 3 orifices to remove/replace — 1 in the middle and 2 on the side.

PLST30 SERIES ORIFICES				
BURNER LAYOUT	BURNER	PICTURE	NG	LPG
	A		1.36 (2) + 0.73	0.89 (2) + 0.53
	B		1.36	0.90
	C		1.79	1.16
	D		1.36	0.90

INSTALLATION

LIQUID PROPANE CONVERSION (CONTINUED)

IMPORTANT: Install the proper orifice in the exact locations as noted in the illustrations and table below for PLST36 series range tops. Note the dual burner includes 3 orifices to remove/replace – 1 in the middle and 2 on the side.

PLST36 SERIES ORIFICES				
BURNER LAYOUT	BURNER	PICTURE	NG	LPG
	A		1.36 (2) + 0.73	0.89 (2) + 0.53
	B		1.57	1.00
	C		1.07	0.74
	D		1.36	0.90
	E		1.79	1.16
	F		1.36	0.90

INSTALLATION

LIQUID PROPANE CONVERSION (CONTINUED)

IMPORTANT: Install the proper orifice in the exact locations as noted in the illustrations drtable below for PLST48 series range tops. Note the dual burner includes 3 orifices to remove/replace – 1 in the middle and 2 on the side.

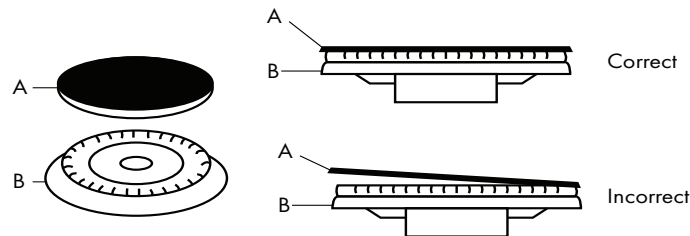
PLST48 SERIES PRIFICES				
BURNER LAYOUT	BURNER	PICTURE	NG	LPG
	A		1.36 (2) + 0.73	0.89 (2) + 0.53
	B		1.57	1.00
	C		1.07	0.74
	D		1.36	0.90
	E		1.36 (2) + 0.73	0.89 (2) + 0.53
	F		1.57	1.00
	G		1.07	0.74
	H		1.36	0.90

INSTALLATION

INSTALLING PARTS

BURNER SPREADS AND CAPS

- After unpacking the range top, set the cast iron grates aside and remove the burner spreads and caps from the parts storage location under the grates.
- Place each spread on the appropriate burner by making sure the hole fits over the white metal electrode spark tip. Next, place each burner cap on top until snug.
- Burners may only partially ignite or not light at all if burner spreads (B) or caps (A) are not properly installed, as outlined below:



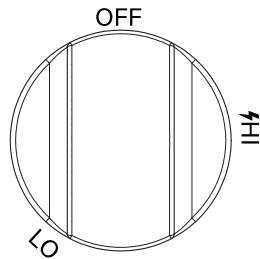
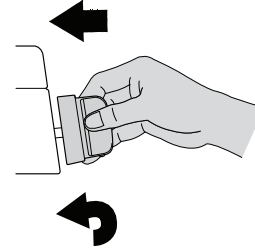
CAST IRON GRATES

- Next, place the cast iron grates on top the range top, using care to not scratch the porcelain cooktop. There are rubber feet on the bottom of each grate and slots on the cooktop where each grate fits into.

INSTALLATION

PLST30 SERIES RANGE TOP KNOBS (4 TOTAL)

- To install knobs, hold each in the "OFF" position and push straight onto the single valves protruding from the front of the cooktop, as outlined at right:



Burner Knobs (4)

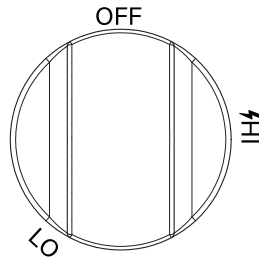


WARNING

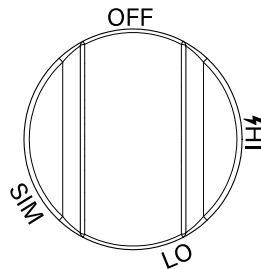
The PLST30 and PLST36 series range tops come with 1 brass dual function burner, and the PLST48 series range top includes 2 brass dual function burners. The burner knobs for those include a "SIM" setting, as outlined in the images below.

PLST36 SERIES RANGE TOP KNOBS (6 TOTAL)

The dual function knob goes on the far right side of the range top.



Burner Knobs (5)

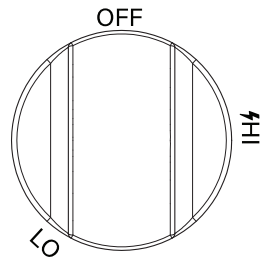


Dual Function Knob (1)

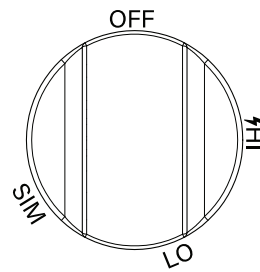
INSTALLATION

PLST48 SERIES RANGE TOP KNOBS (8 TOTAL)

Individual burner knobs go on each side.



Burner Knobs (6)



Dual Function Knobs (2)

INSTALLATION

FINISH INSTALLATION

1. After your gas connection is properly installed, plug the range top's NEMA 5-15 electrical cord into a properly grounded 3-prong outlet.



The electrical socket must be easily accessible with the appliance installed.

2. Slide the range top into place.

FINAL CHECKLIST

- Check that the white spark tip for each burner fits into the hole in each burner spread.
- Check that each burner cap is snug and level on the burner spread.
- Check that all grates are on the cooktop, being careful to not scratch the burner caps, burner spreads, or porcelain cooktop.
- Using a level, check that the range is even with the counter top and level, or uneven baking may result.
- When all connections have been made, check that all range controls are in the "OFF" position and turn on the main gas supply valve.



It may take a few minutes before gas will freely flow through the unit, so it could take a few attempts to light the cooktop.

NOTE: The installer should leave these instructions with the consumer who should retain for local inspectors' use and for future reference. Installers and consumers should refer to the User Manual for additional safety measures, operation tips, and troubleshooting.



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