GAS WALL OVEN INSTALLATION INSTRUCTIONS

INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER.
IMPORTANT: SAVE FOR LOCAL ELECTRICAL INSPECTOR'S USE.
READ AND SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

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

FOR YOUR SAFETY:

— Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

— WHAT TO DO IF YOU SMELL GAS:

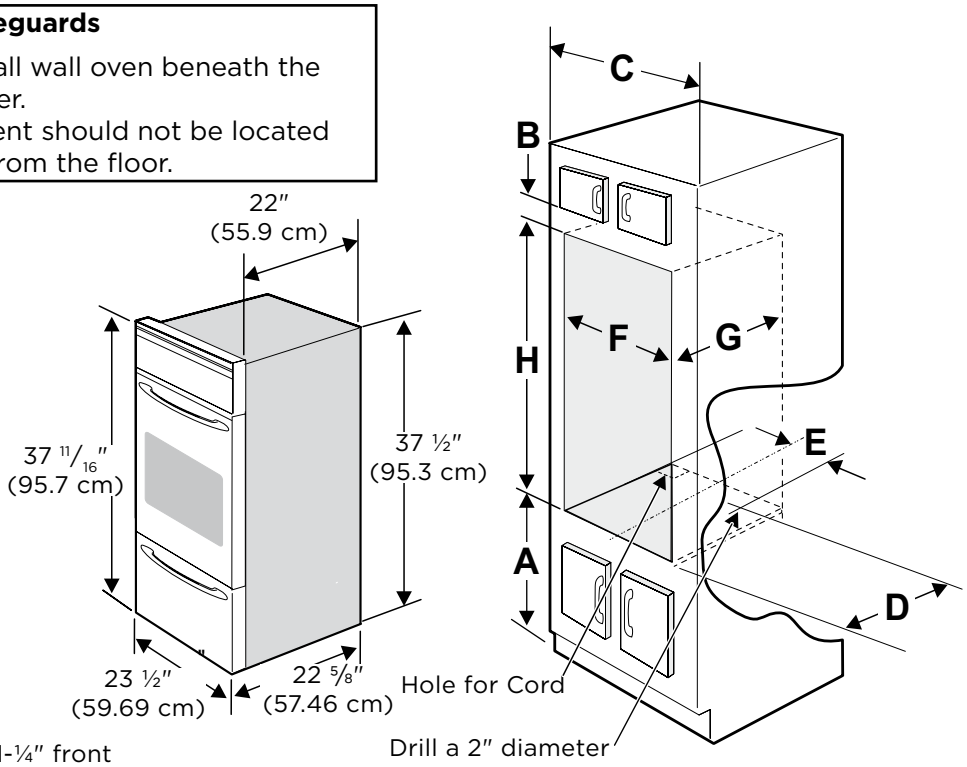
- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

— Installation and service must be performed by a qualified installer, service agency or the gas supplier.

SINGLE WALL OVEN INSTALLATION

Additional Safeguards

- Do not install wall oven beneath the work counter.
- The oven vent should not be located under 36" from the floor.



* Allow at least 21-¼" front clearance for complete door opening.

Figure 1: 24" Single Wall Ovens

CABINET DIMENSIONS				CUT-OUT DIMENSIONS			
A	B	C	D	E	F	G	H
10" Min (25.4 cm Min.)	1 ½" Min. (3.8 cm Min.)	24" Min. (61 cm Min.)	19 7/16" (49.4 cm)	4 5/16" (11 cm)	22 ½" (57.2 cm)	23 ½" (59.7 cm)	37 ½" Min. (95.3 Min)
27 ½" Max. (69.9 cm Max.)							38" Max. (96.5 Max.)

All dimensions are in inches (cm).

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Important Notes to the Installer

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

Important Note to the Consumer

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

Save these instructions for local inspectors.

IMPORTANT SAFETY INSTRUCTIONS

⚠ CAUTION POWER FAILURE

Do not attempt to operate the oven in the event of a power failure. If power failure should occur during operation, turn the oven control to the OFF position. Failure to turn the oven control off will result in oven operation upon resumption of power to the unit.

Installation of these appliances must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1—latest edition.

These appliances have been design certified by CSA Group. As with any appliance using gas and generating heat, there are certain safety precautions you should follow. You will find them in the Use and Care Guide, read it carefully.

- Be sure your wall oven is installed and grounded properly by a qualified installer or service technician.
- These wall ovens must be electrically grounded in accordance with local codes or, in their absence, with the National Electrical Code ANSI/NFPA No. 70—latest edition. See grounding instructions farther in this manual.
- The installation of appliances designed for manufactured (mobile) home installation must conform with Manufactured Home Construction and Safety Standard Title 24CFR, Part 3280 [Formerly the Federal Standard for Mobile Home Construction and Safety, Title 24, HUD, (Part 280)] or when such standard is not applicable the Standard for Manufactured Home Installation 1982 (Manufactured Home Sites, Communities and Set-Ups), ANSI Z225.1/ NFPA 501-Alatest edition, or with local codes.
- This oven is not intended to be installed in recreational vehicles or trailers.

⚠ CAUTION Do not store items or food of interest to children in the cabinets above the appliance. Children could be seriously burned or injured if they climb on the appliance to reach these items.

- Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance. Explosions or fires could result.
- Be certain all packing materials are removed from the unit before operating, to prevent fire or smoke damage should the packing material ignite.
- Do not leave children alone in the kitchen when the appliance is in use. They should not be allowed to sit or stand on any part of the appliance, as injury or burns could result. Keep children from touching the oven door or glass window when the appliance is operating, as the door or window could get hot enough to cause serious burns.
- Remove broiler tray and other utensils from oven before using the self-clean cycle (if equipped).
- Do not use the oven as a store space. This creates a potentially hazardous situation.
- The appliance requires fresh air for proper burner combustion. Do not obstruct the flow combustion air at the oven vent or around the base or beneath the lower front panel of the appliance. Avoid touching the oven openings or nearby surfaces, as they may become hot.
- Remember, your oven is not designed to heat your kitchen. Such abuse could result in fire and/or damage to the unit and will void your warranty.

1. Connect Electricity to Gas Wall Oven

For personal safety, these appliances must be properly grounded.

WARNING This appliance is equipped with a three-prong grounding plug for your protection against shock hazard and must be plugged directly into a properly grounded receptacle. Do not cut or remove grounding prong from this plug.

120 volt, 60 Hertz, properly grounded dedicated circuit protected by a 15 amp circuit breaker or time delay fuse.

Do not use an extension cord with this range.

The wall receptacle should be located in the cabinet beneath the installation cutout. The receptacle should be easily accessible for service and removal of power from appliance (see Figure 2).

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

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

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

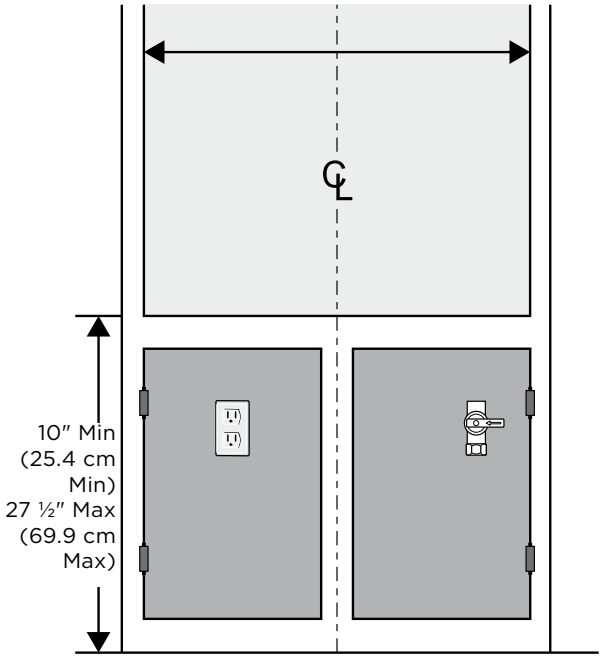


Figure 2

If an external electrical source is used, the appliance, when installed, must be electrically grounded in accordance with local codes or in their absence of local codes with the National Electric Code ANSI/ NFPA No. 70-1987 or latest edition.

Check all code rules and regulations for connecting the wall oven to be certain the installation conforms with all local, municipal and state codes as well as local utility regulations.

Preferred Method

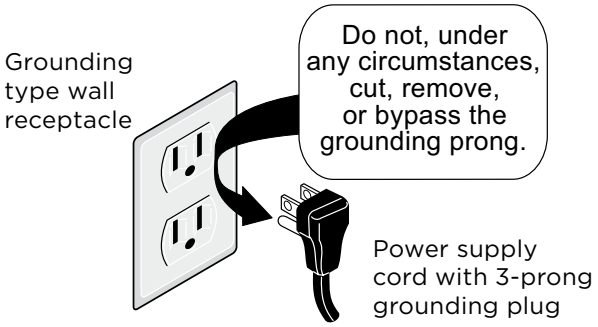


Figure 3

Failure to comply with the above could result in a serious shock hazard.

NOTE: All hook-ups and adjustments shall be performed by qualified technicians.

CAUTION Disconnect electrical supply cord from wall receptacle before servicing wall oven.

CARPENTRY and SUPPORT

Refer to Figure 1 for the dimensions of your appliance and the cabinet cutouts and space needed to fit the oven.

The oven support or base surface must be solid plywood, solid wood, or a material verified to meet the temperature and strength requirements needed for your installation. No fiberboard, laminated/coated wood or other material should be used that is not verified to meet temperature and strength requirements.

All materials used in installation must withstand temperatures of 194 °F (90 °C).

The support surface must be level and flat from side to side, and from front to rear.

If the cabinet does not have a solid floor or support surface, braces may be installed in the cabinet. Bracing may also be used under the cabinet floor for added strength and support. Braces must run front to rear, meet all material and temperature requirements, and be flat and level. The bracing should be 2″ (5 cm) minimum width to support the oven side rails. Standard 2″ x 4″ (5 cm x 10 cm) studs are recommended.

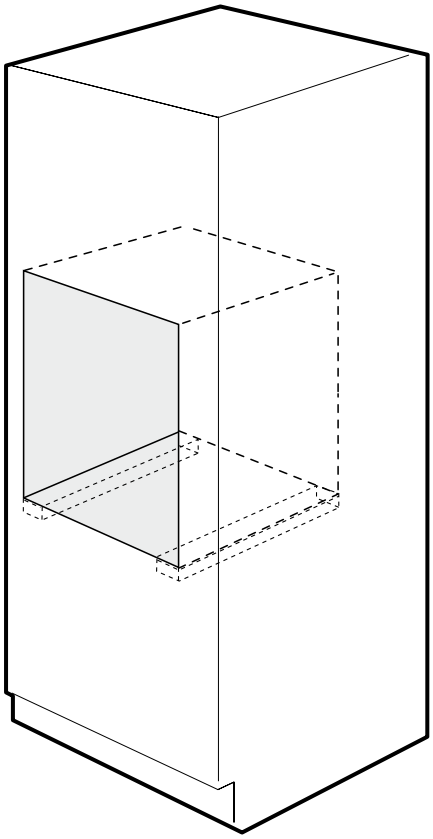


Figure 4
Wall Oven Braces

Single Wall Ovens

1. Base must be capable of supporting 150 pounds (68 kg).
2. Solid plywood or solid wood must be at least ½” (1.3 cm) thick.

2. Cabinet Installation

Installing the Oven

1. Knock out hole on the bottom of the oven, as shown in figure 5.
2. Insert the oven into the cabinet opening.
3. Pull the cord and gas line through the hole.
4. Push the oven in and against the cabinet.
5. Find the anti-tip mounting screws included in the screw package and set aside.

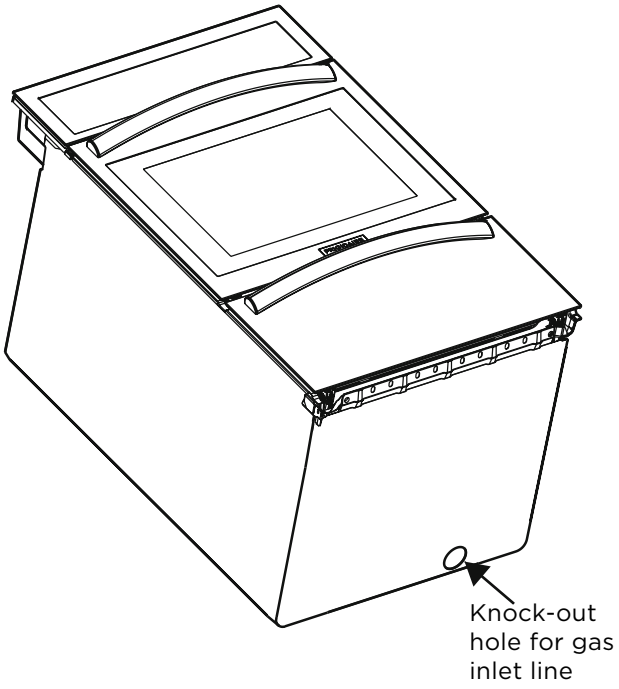


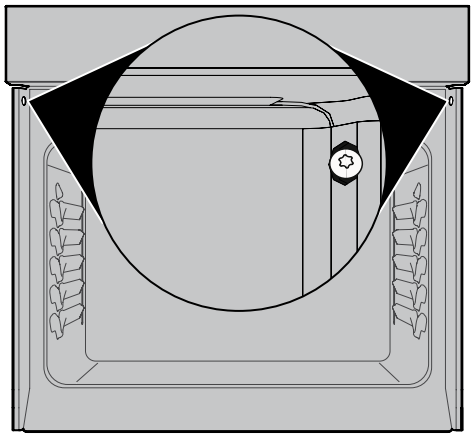
Figure 5

Installing the Anti-tip Mounting Screws

⚠ WARNING The wall oven can tip when the door is open. The anti-tip mounting screws supplied with the wall oven must be installed to prevent tipping of the wall oven and injury to persons.

A. Locate the appliance mounting screw holes (see figure 6).

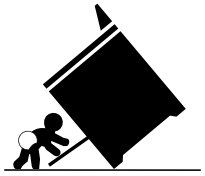
B. Use the screws supplied to fix the appliance to the cabinet.



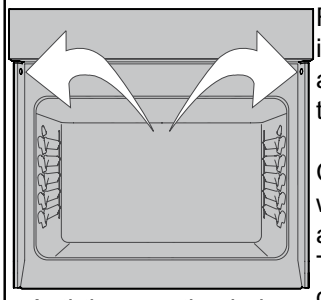
Anti-Tip Mounting Holes

Figure 6

⚠ WARNING **Tip Over Hazard**



- **A child or adult can tip the oven and be killed.**
- **Install the anti-tip device to oven and/or structure per installation instructions.**
- **Ensure the anti-tip device is re-engaged when the oven is moved.**
- **Do not operate the oven without the anti-tip device in place and engaged.**
- **Failure to follow these instructions can result in death or serious burns to children and adults.**



Anti-tip mounting holes

Refer to the installation instructions supplied with your appliance for proper installation.

Check for proper installation with a visual check that the anti-tip screws are present. Test the installation with light downward pressure on the open oven door. The oven should not tip forward.

3. Provide an Adequate Gas Supply

Important: Read these instructions carefully before connecting this unit to a gas supply.

The units covered in these instructions are designed to operate on natural gas at 4″ of manifold pressure or on LP gas at 10″ of manifold pressure.

A convertible pressure regulator is connected in series with the manifold of the wall oven unit and must remain in series with the supply line, regardless of which type of gas is being used.

For proper operation, the maximum inlet pressure to the regulator must not exceed 14″ of water column (W.C.) pressure.

To check the regulator, the inlet pressure must be at least 1″ (or 3.4 kPa) greater than the regulator pressure setting. If the regulator is set for 4″, the inlet pressure must be at least 5″. If the regulator is set for 10″, the inlet pressure must be at least 11″.

A manual shut-off valve must be installed on the gas supply line external to the unit and where it can be easily reached for the purpose of turning the gas to the unit on and off. The recommended location for the shut-off valve is in the cabinet beneath the installation cutout (see Figure 7).

The gas supply line to the unit should be ½″ (1.3 cm) or ¾″ (1.9 cm) pipe.

Close all openings in the cabinet cavity that encloses this unit. All openings around gas service outlets must be closed at the time of installation.

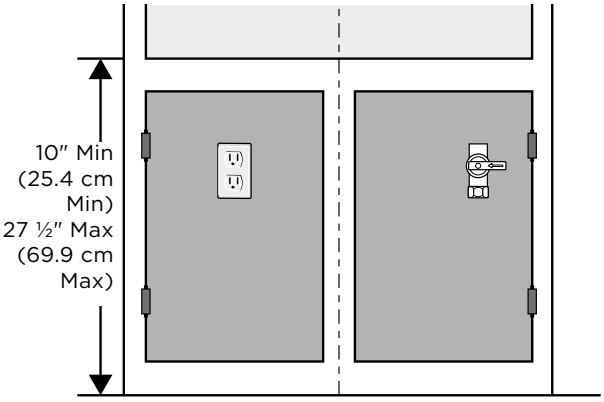


Figure 7

4. Connection to Gas (see figure 8)

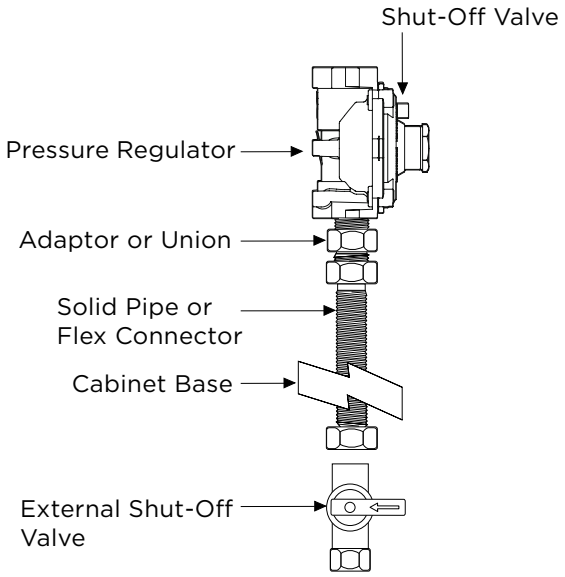


Figure 8

BEFORE CONNECTING THE UNIT

Remove all packing material and literature from wall oven before connecting gas and electrical supply to the appliance.

Open the oven storage compartment door.

The fuel regulator on this appliance has a built-in shut-off valve. Make sure the valve is UP in the OPEN position (see Figure 9b and 9c).

Check for leaks. After connecting gas, check system for leaks with a manometer. If a manometer is not available shut all pilots off (if present), turn on the gas supply to the unit and use a liquid leak detector at all joints and connections.

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

IMPORTANT: A pipe joint sealant resistant to the action of LP Gas must be used on all pipe connections.

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

Disconnect the oven and its individual shutoff valve from the gas supply piping system during any pressure test greater than ½ psig.

Isolate the wall oven 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 psig.

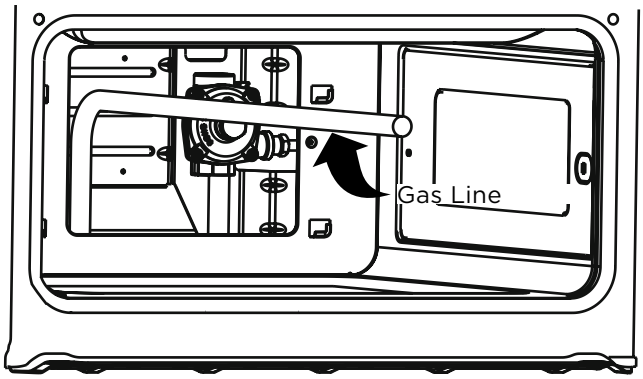


Figure 9
Tuck the gas inlet hose down the knock-out hole

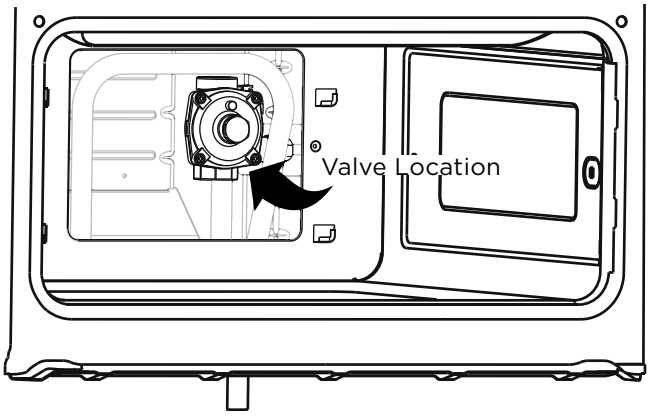


Figure 9a

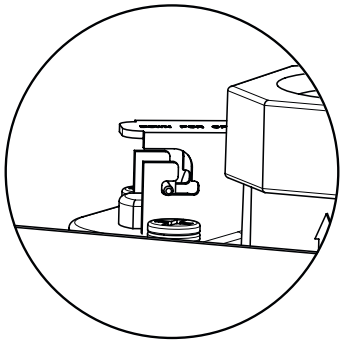


Figure 9b

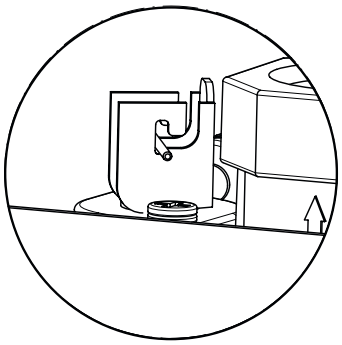


Figure 9c

5. LP/Propane Gas Conversion

A. Pressure Regulator Conversion

NOTE: Do not remove the Pressure Regulator. These models have an electric broiler element. No adjustments are required to this element during fuel type conversion.

Convert the Pressure Regulator for use with LP Gas (see Figure 10).

Open storage compartment door.

Locate pressure regulator on lower back wall and convert as shown in Figure 10.

1. Remove the cap from the pressure regulator.
2. Remove the plunger.
3. Turn the plunger upside down with the enlarged end **TOWARDS** regulator.
4. Replace the plunger inside the cap. The letters LP or 10" W.C. should be visible on the exposed end of the plunger.
5. Replace the cap on the pressure regulator.

NOTE: The type of gas pressure the regulator is set for is indicated on the top of the plunger.

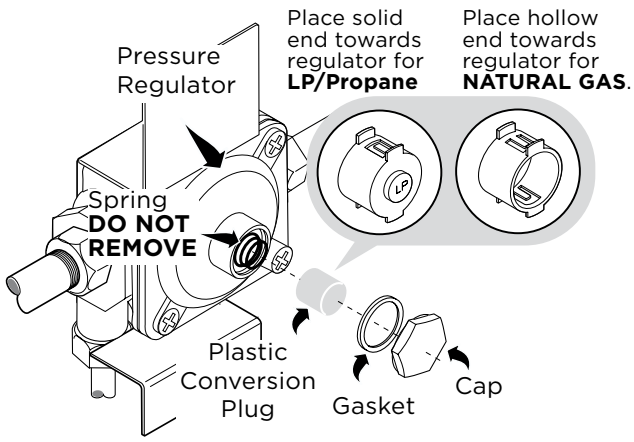


Figure 10

NOTE: For conversion of the pressure regulator from LP to Natural Gas, turn the hollow end of the plunger towards the regulator (refer to figure 10).

B. Changing Burner Orifice to LP

1. Remove the oven door. Refer to Care and Cleaning section of the User and Care Guide.
2. Remove one screw from the burner cover then remove the burner cover (Figure 11a).
3. Remove the three screws (A,B and C) holding the burner assembly and remove the assembly from the mounting plate out of the cavity.
4. Remove the three screws from the burner mounting plate then rotate the mounting plate 90˚ towards the oven opening and rotate to the right, resting it against the oven wall as shown in figure 11c.
5. Using 9/32" (7 mm) socket, remove the orifice.
6. Install the LP version orifice. Do not overtighten. Refer to Table A for orifice part number.
7. Install all the removed parts in reverse order of dissassembly.

NOTE: While re-installing the burner mounting Plate, make sure to install it in the right position (below the cavity), from where it was removed, failure to do so would cause misalignment of the burner and the orifice.

NOTE: Allign the screw holes on the burner (A & B in figure 11b) with holes on the mounting plate before installing the screws.

NOTE: Save the orifices removed from the appliance for future use.

Gas Type	Part Number
LP/Propane	082
Natural Gas	150

Table A

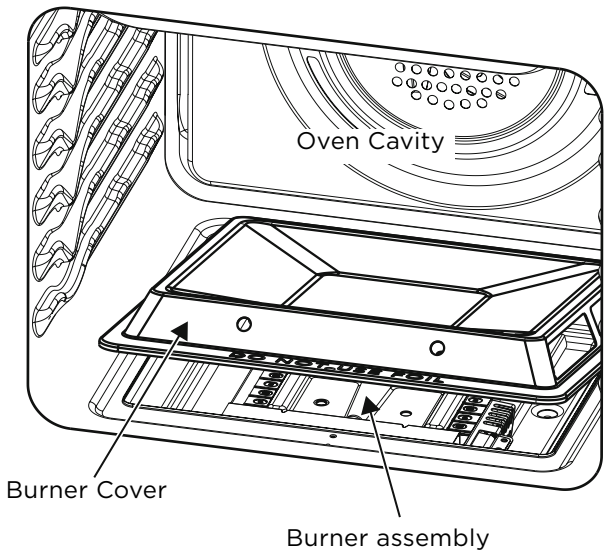


Figure 11a

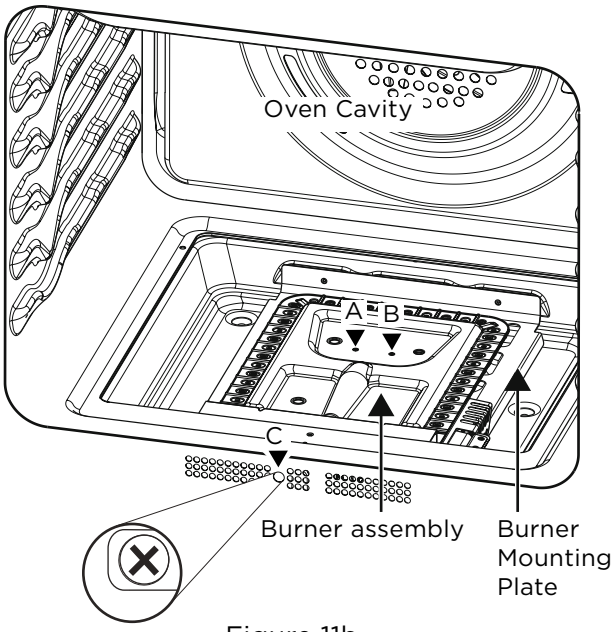


Figure 11b

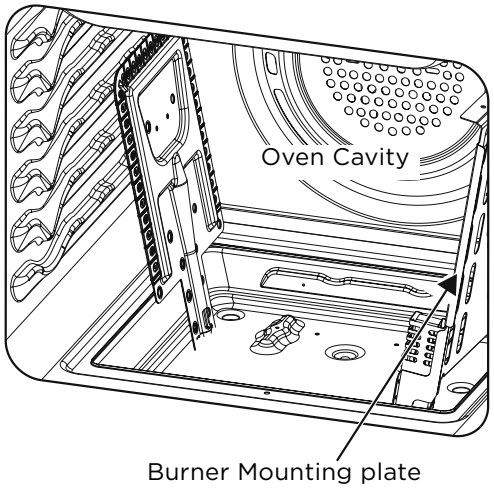


Figure 11c

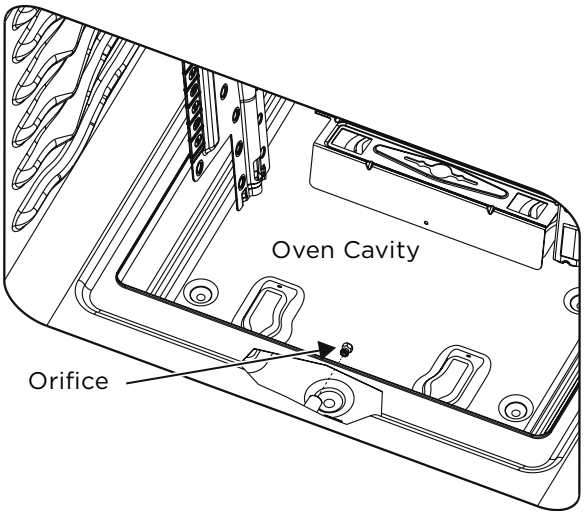


Figure 11d

6. Check Operation

Refer to the Use and Care Guide packaged with the wall oven for operating instructions and for care and cleaning of your appliance.

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

1. **Check the Igniters (some models)**
   Operation of electric igniters should be checked after oven and supply line connectors have been carefully checked for leaks and oven has been connected to electric power.
2. **Oven Igniter System**
   Close the door and turn the Oven Temperature to 300°F. In approximately 60 seconds, the burner should ignite and stay on until oven reaches 300°F. Burner should then cycle on and off to maintain an average temperature of approximately 300°F.

When All Hookups are Complete

Make sure all controls and programmable timer are left in the OFF position.

Reset all controls to the "OFF" position after using a programmable timing operation.

Model and Serial Number Location

The serial plate is visible when the door is opened. (Figure 12).

When ordering parts for or making inquires about your wall oven, always be sure to include the model and serial numbers and a lot number or letter from the serial plate of your appliance.

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

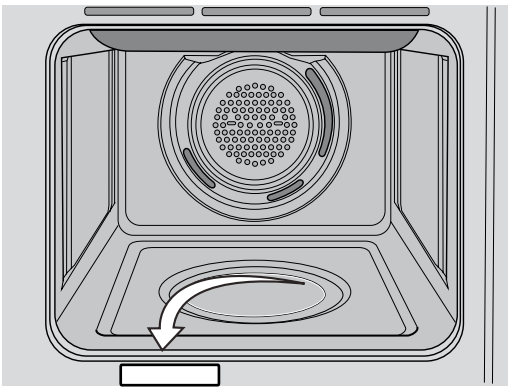


Figure 12

⚠ WARNING

- Stepping, leaning or sitting on the oven door or drawer can result in serious injuries and also cause damage to the appliance.
- Be sure to keep appliance clear of combustible materials, gasoline and other flammable vapors and liquids.

Before You Call for Service

Read the Avoid Service Checklist and operating and cleaning instructions in your Use and Care Guide.

Check to make sure the house fuse or circuit breaker for your wall oven is not blown or open.

Care, Cleaning and Maintenance for Wall Ovens

If removing the wall oven is necessary for cleaning or maintenance, shut off gas supply. Disconnect the gas and electric supply. Remove the installation screws from front frame and lower trim. Pull out only as far as necessary to disconnect the electric supply line. After disconnecting the gas and electric supply, finish removing the unit for servicing and cleaning. Reinstall in reverse order and make sure that appliance is level; check gas connection for leaks.

NOTE: If the burner does not light then check the regulator (figure 9 b & c) and manual valve (figure 8) are open.