

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.

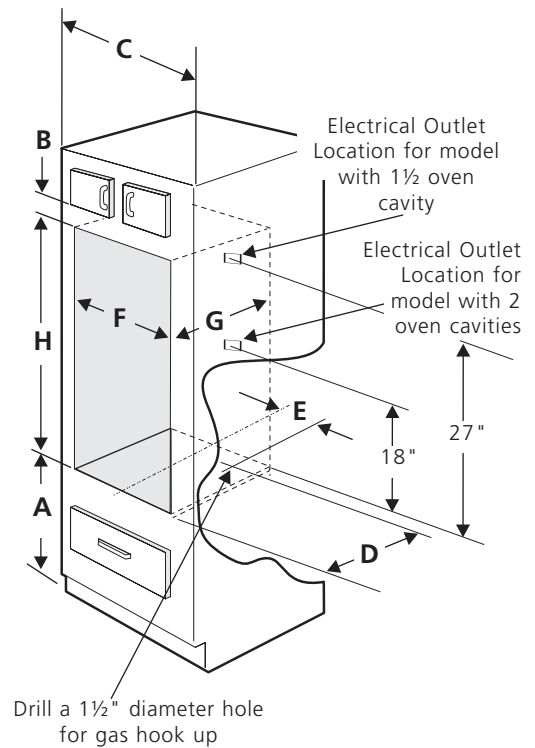
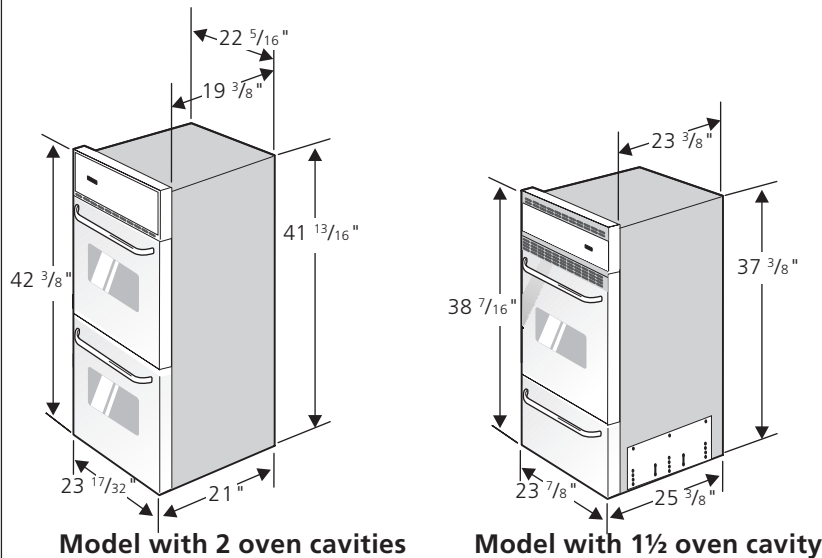
⚠ WARNING If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

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.

Additional Safeguards

- Do not install wall oven beneath the work counter.
- The flue charge shall not be located below the 36" level.



Clearance for complete door opening:

- For model with 2 cavities allow at least 17 5/8".
- For model with 1 1/2 cavity allow at least 19 3/8".

Figure 1

MODEL	CABINET DIMENSIONS					CUTOUT DIMENSIONS		
	A	B	C	D	E	F	G	H
Model with 2 cavities	19 1/2" Min.	2 1/2" Min.	24" Min.	16 3/4"	7 1/8"	22 1/2"	24" Min.	42 1/8"
Model with 1 1/2 cavity	10" Min. 27 1/2" Max.	1 1/2" Min.	24" Min.	20"	7 5/8"	22"	23 1/2" Min.	37 1/2" Min. 38" Max.

NOTE: Wiring diagrams for these appliances are enclosed in this booklet.

GAS WALL OVEN INSTALLATION INSTRUCTIONS

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 broiler 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. Note: 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 American Gas Association (A.G.A.). 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-A- latest edition, or with local codes.

⚠ 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 event 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. Carpentry

- Refer to figure 1 for the dimensions applicable to your appliance, and the space necessary to receive the oven. Corners must be square.
- Floor cabinet must be able to support 150 pounds and must be flush with bottom of opening.
- Bricked opening (for model with 2 cavities only): If oven is to be installed in brick or stone, first construct a rectangular wooden frame with ½" sides and ¼" top and bottom. The inside dimensions of this frame must be the same as the opening dimensions in the figure 1. Place frame flush in brick opening which shall be snug fit with the outside of frame. Secure frame to brick. Overhang of oven trim will cover brick and wood and will not be exposed. Proceed as in "Cabinet Installation" section farther.

GAS WALL OVEN INSTALLATION INSTRUCTIONS

2. 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.

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

Preferred Method

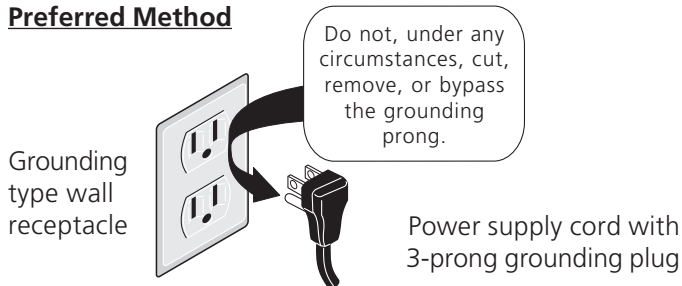


Figure 2

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.

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.

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

Note: All hookups and adjustments shall be performed by qualified technicians.

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

3. Alternate construction

(Model with 1½ oven cavity only)

Installation Instructions for installing a 1½ cavity oven into an existing 2 cavity opening with dimensions 42 1/8" height by 22 1/2" Width.

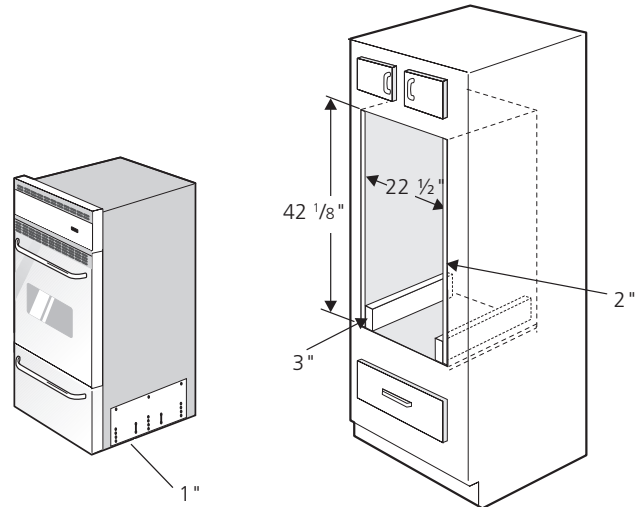


Figure 3

1. Height adjuster - lower height adjuster 1".
2. If width opening is too wide to secure unit to cabinet with mounting screws, add filler strips.
3. 2" X 4" (standard 1 1/2" X 3 1/2") 22" minimum - stand upright and flush with front cabinet. Secure to floor or wall.
4. Lower trim (not shown) - overlap cabinet front (at bottom of cutout 1/4" minimum).

GAS WALL OVEN INSTALLATION INSTRUCTIONS

4. Adjusting Oven Height

(Model with 1 ½ oven cavity only)

Remove and lay aside the lower vent decorative trim that is taped to the side or to the top of the oven. The decorative trim will be fastened to the lower front of the oven after it has been installed in the cabinet.

There is a 1 ½" height adjustment on models with extension panel (see figure 4). With this adjustment and a ½" trim overhang, a unit can be installed in existing openings 37 ½" to 39" high.

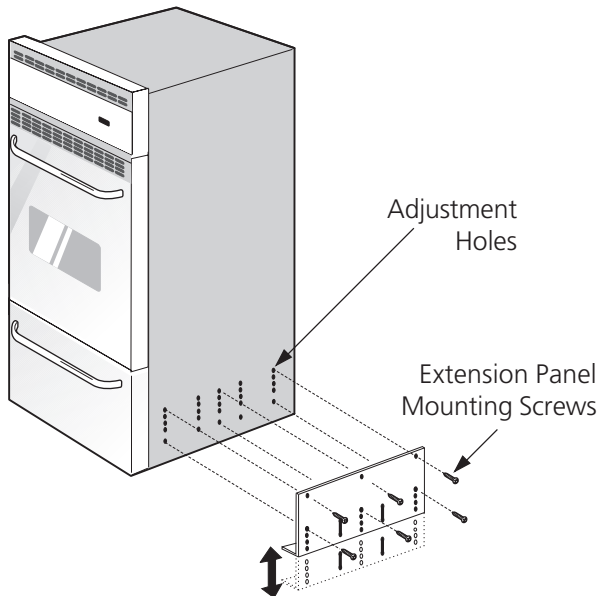


Figure 4

To adjust oven height:

1. Lay oven on its back (see figure 5).
2. Remove the 6 screws that fasten the side extension panel to the bottom sides of the oven.
3. Move each panel down to the position that increases the oven height to fit your opening. Each position changes oven height approximately ½".
4. Line up the appropriate holes in the side extension panels and sides of the oven. Put the 6 screws back.
5. Proceed with oven installation. Return to upright position.

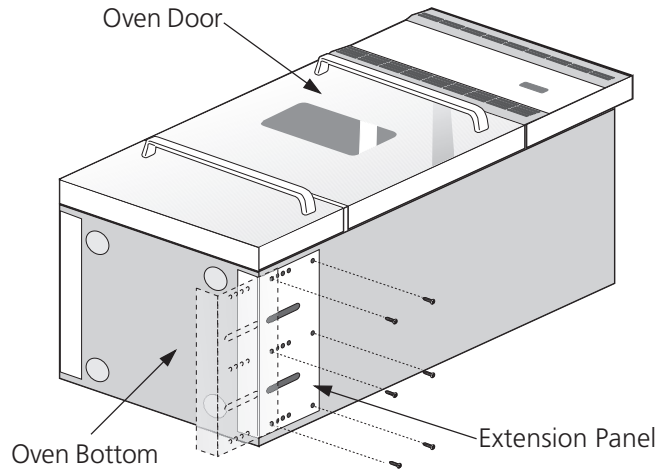


Figure 5

5. Cabinet Installation

A. Model With 1½ Oven Cavity

Insert appliance into cutout. Use the 4 mounting screws provided to fasten the front frame of the appliance to the cabinet (steps 1 below). Keep the 2 decorative screws to fix the decorative trim to the cabinet (step 2 below). The mounting holes in the front frame of appliance may be used as a template to locate the appliance mounting screw holes on the cabinet.

To fasten the appliance to the cabinet (figure 6):

1. Use 4 mounting screws supplied to secure the appliance to the cabinetry. 2 holes are located under the center vent trim on each side, the 2 other holes are visible when the drawer is opened.
2. **Optional:** Install the decorative trim under the appliance (as shown on figure 6) using the 2 decorative screws supplied with the appliance.

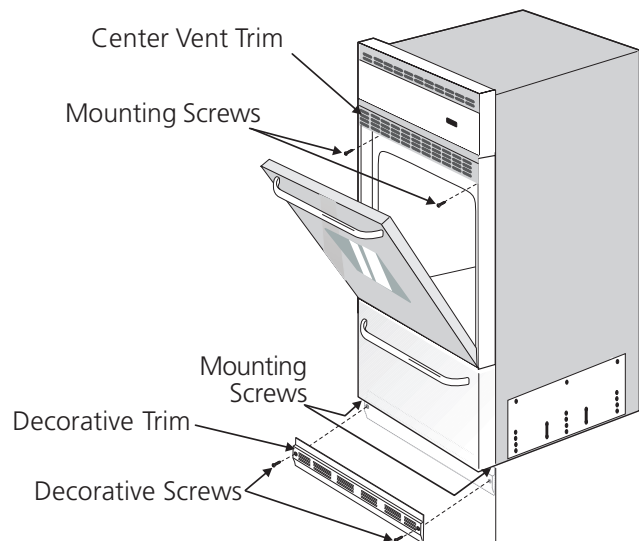


Figure 6

GAS WALL OVEN INSTALLATION INSTRUCTIONS

B. Model With 2 Oven Cavities

Insert appliance into cutout. The unit must be secured in place. Use the 2 screws provided in the miscellaneous parts bag, for mounting the appliance in the mounting holes on each side trim aside the central vent trim (figure 7).

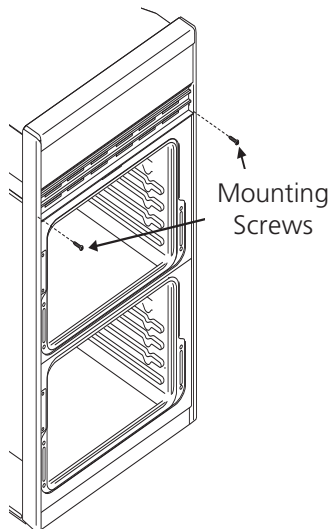


Figure 7

6. Externally Vented Installations Model With 2 Oven Cavities only

IMPORTANT: Refer to the serial plate for information on type of venting, if marked vented, see proper instructions.

NOTE: In some areas, outside venting is required or preferred. For specified models with outside venting provided (see specification sheet), use the following instructions for proper installation of outside venting. Vent pipe must be mechanically fastened to flue collar.

1. Before the oven is placed in the cabinet opening:
 - A. Remove knockout on the top cover of the unit and bend tab up at right angle to the cover.
 - B. Remove the cap that covers the vent by removing the screw.
2. Ease the oven into opening.
 - A. Place the pipe on the vent outlet and drill a 3/32" diameter hole at point "A" (see figure 8). Hole must be drilled so that holes in pipe and flue collar line up.
 - B. Fasten the pipe to flue collar with one screw. (see figure 8).

In order to fasten pipe to flue collar, it will be necessary to move control panel out of the way and reach in to drive screw.

Maintain minimum 1" clearance between the vent pipe and surrounding combustible surfaces as stated on serial plate.

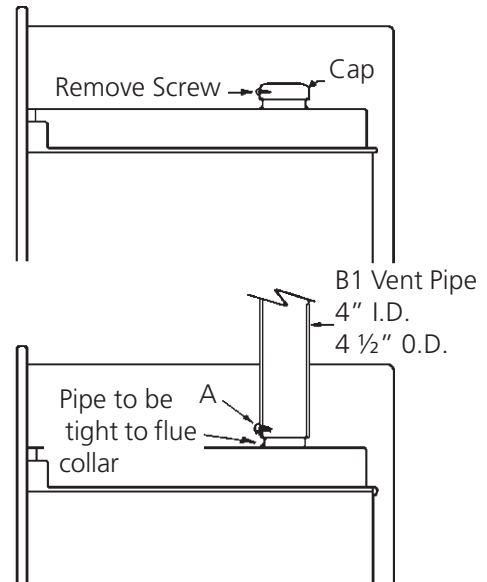


Figure 8

7. 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 manifold pressure setting. If the regulator is set for 4" of manifold pressure, 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 gas supply line to the unit should be 1/2" (1.3 cm) or 3/4" (1.9 cm) pipe.

To avoid pilot outage (if applicable) 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.

GAS WALL OVEN INSTALLATION INSTRUCTIONS

8. Connection to gas

A. Model with 1 ½ oven cavity (see figure 9)

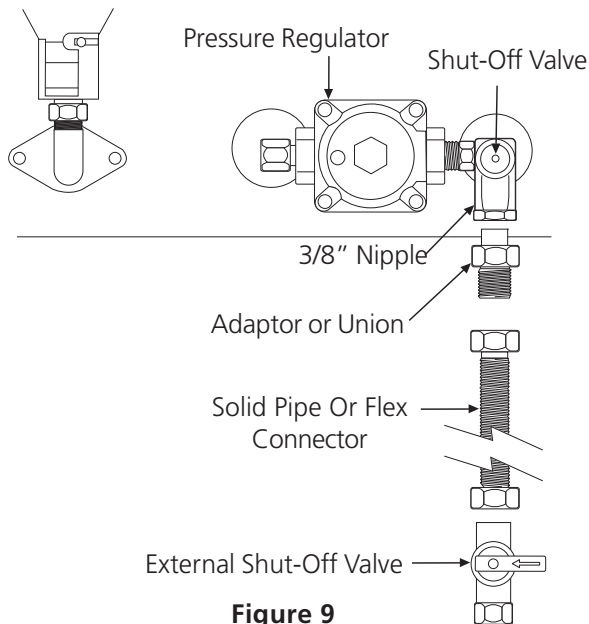


Figure 9

If flexible gas connector is used, gas line must be A.G.A. design certified.

B. Model with 2 oven cavities (see figure 10)

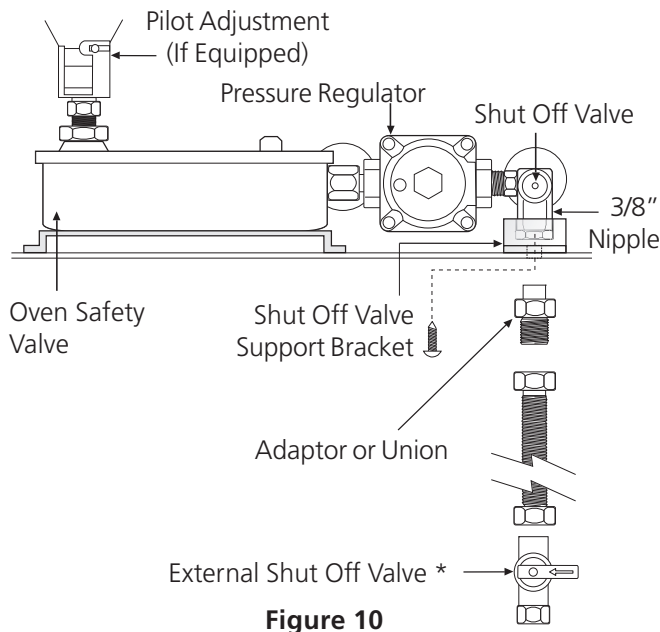


Figure 10

IMPORTANT: Prior to attaching gas piping to the oven, move the shut-off valve support bracket to the left as far as possible and tighten its mounting screw from underneath the oven. This keeps the safety valve/pressure regulator assembly from moving.

BEFORE CONNECTING THE UNIT

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

If applicable, remove broiler or storage drawer by pulling drawer out to stops. Lift drawer front to clear stops and pull out.

Leak testing of the appliance shall be conducted according to the manufacturer's instructions.

Check for leaks. After connecting gas, check system for leaks with a manometer. If a manometer is not available shut all pilots off, turn the gas supply on 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.

9. LP/Propane Gas Conversion

A. Pressure Regulator Conversion

Note: Do not remove the Pressure Regulator.

Convert the Pressure Regulator for use with LP Gas (see figure 11)

If applicable, remove broiler or storage drawer by pulling drawer out to stops. Lift drawer front to clear stops and pull out.

Locate pressure regulator on lower back wall and convert as shown in figure 11.

A. Remove the cap from the pressure regulator.

B. Remove the plunger.

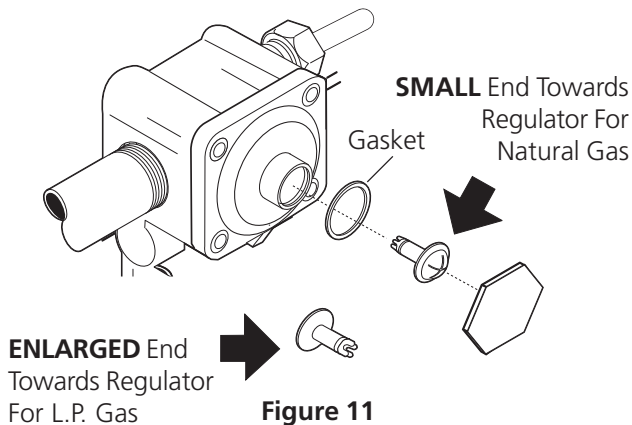
C. Turn the plunger upside down with the enlarge end **TOWARDS** regulator.

D. Replace the plunger inside the regulator. The letters LP or 10" W.C. should be visible on the exposed end of the plunger.

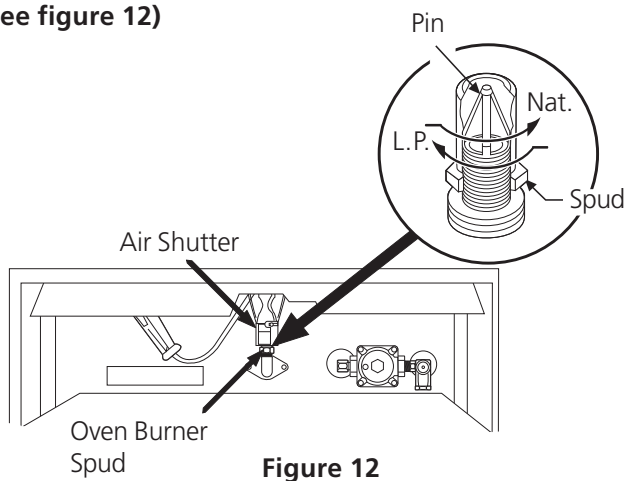
E. Replace the cap on the pressure regulator.

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

GAS WALL OVEN INSTALLATION INSTRUCTIONS

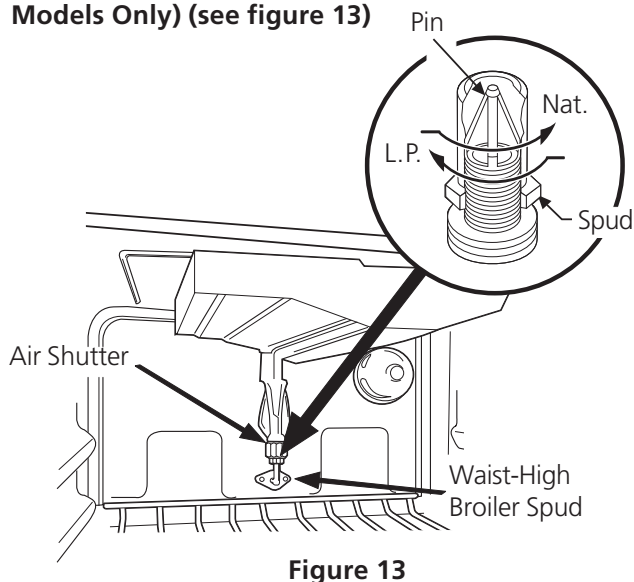


B. Adjust Oven Burner Orifice (see figure 12)



Using a ½" wrench, turn down the adjustable spud which injects gas into the oven burner. Spud approximately 2½ turns until snug against the LP metering pin. Do not overtighten (see figure 12).

C. Adjust Broiler Burner Orifice (Self-Cleaning Models Only) (see figure 13)



Using a ½" wrench, turn down the adjustable spud which injects gas into the oven burner. Spud approximately 2½ turns until snug against the LP metering pin. Do not overtighten (see figure 13).

10. Natural Gas Conversion

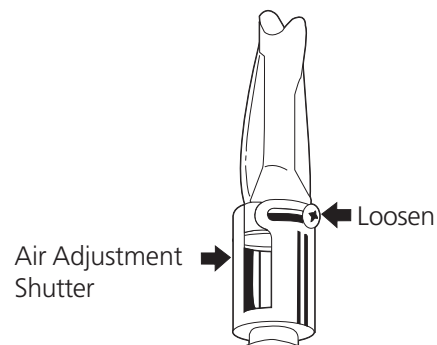
Convert the Pressure Regulator for use with Natural Gas (see figure 11)

- Remove the cap from the pressure regulator.
- Remove the plunger.
- Turn the plunger upside down with the enlarge end **UP**.
- Replace the plunger inside the regulator. The letters NAT or 4" W.C. should be visible on the exposed end of the plunger.
- Replace the cap on the pressure regulator.
- Turn the valve hoods approximately 2 1/2 turns counterclockwise. This will move the hood away from the mixer pin.
- Apply gas, adjust pilots and burner air shutter for proper flame.
- There should be 4" WC pressure in the manifold after conversion for proper operation on Natural Gas.

11. Adjustments

Oven/Broiler Flame Adjustment

The air shutter adjustment is located on the venturi tube, which sets on the hood of the valve, and is locked in place with a Phillips head screw. If the air shutter needs adjusting, loosen the screw and rotate the shutter to allow more or less air to the burner tube (see figure 14).



For Natural Gas, the air shutter should be approximately half open. For LP Gas, the air shutter nearly full open.

Too much air will cause the flame to lift away from the burner. Too little air will cause the flame to turn yellow at the outer edges and soot to form.

Remember, the oven will be shipped from the factory set for Natural Gas, unless otherwise stated. If connecting to LP gas, be sure to follow procedure under "Conversion" to change the regulator and burner orifice to the LP setting.

GAS WALL OVEN INSTALLATION INSTRUCTIONS

Observe the oven burner flame to determine if it is right. It should be steady with a blue cone approximately 1" and should not extend out over the edges of baffle. For LP Gas, this will most likely occur when the air adjustment shutter is completely open (see figure 15). Turn Oven Temperature to 300°F and allow oven to cycle on and off.

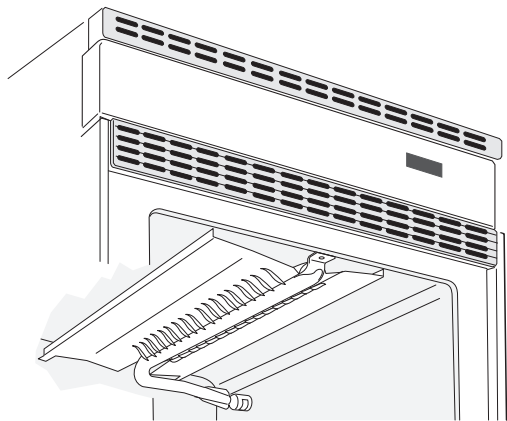


Figure 15

To replace broiler drawer or lower bottom, reverse steps taken for removal. Replace oven rack and/or broiler pan.

12. 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 burner. 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 located on the left side inner trim of the oven for the model with 1 ½ oven cavity and on the lower oven frame for the model with 2 oven cavities. When ordering parts for or making inquiries 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.

⚠ 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 making sure to level the appliance; check gas connection for leaks.