

INSTALLATION INSTRUCTIONS

30" DUAL FUEL SLIDE-IN RANGE

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.

Table of Contents

Important Safety Instructions.....	2-3	LP/Propane Gas Conversion.....	10
Cabinet & Product Dimensions.....	3-4	Moving the Appliance for servicing and Cleaning.....	11
To Avoid Breakage.....	5	Range Installation.....	11-12
Factory Connected Power Supply Cord (Canada only) ..	6	Leveling the Range.....	12
Power Supply Cord Kit (U.S.A.).....	6	Check Operation.....	12-14
Access to Terminal Block & Grounding Strap (U.S.A.) ...	6	When All Hookups are Complete.....	14
Electrical Connection to the Range (U.S.A.)	7-8	Model and Serial Number Location	14
Cabinet Construction	9	Before You Call for Service.....	14
Gas Supply - Installation.....	9-10	Anti-Tip Brackets Installation	15-16

Important Notes to the Installer

1. Read all instructions contained in these installation instructions before installing range.
2. Remove all packing material from the oven and the drawer compartments before connecting the gas and electrical supply to the range.
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 owner's guide for the local electrical inspector's use and future reference.

Appliances Installed in the state of Massachusetts:

This Appliance can only be installed in the state of Massachusetts by a Massachusetts licensed plumber or gasfitter.

This appliance must be installed with a three (3) foot / 36 in. long flexible gas connector.

A "T" handle type manual gas valve must be installed in the gas supply line to this appliance.



CAUTION Cold temperature can damage the electronic control. When using the appliance for the first time, or when the appliance has not been used for an extended period, be certain the unit has been in temperatures above 32°F (0°C) for at least 3 hours before turning on the power to the appliance.

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

IMPORTANT SAFETY INSTRUCTIONS

This manual contains important safety symbols and instructions. Please pay attention to these symbols and follow all instructions given.

WARNING This symbol will help alert you to situations that may cause serious bodily harm, death or property damage.

CAUTION This symbol will help alert you to situations that may cause bodily injury or property damage.

Installation of this range must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1/NFPA54 or CAN/ACG-B149.1 and CAN/ACG-B149.2.

This range has been design certified by CSA international. 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.

- **Air curtain or other overhead hoods, which operate by blowing a downward air flow on to a range, shall not be used in conjunction with gas ranges other than when the hood and range have been designed, tested and listed by an independent test laboratory for use in combination with each other.**
- **Be sure your range is installed and grounded properly by a qualified installer or service technician.**
- **This range must be electrically grounded in accordance with local codes or, in their absence, with the National Electrical Code ANSI/NFPA No. 70—latest edition in United States or with CSA Standard C22.1, Canadian Electrical Code, Part 1 in Canada.**
- 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 Setups), ANSI Z225.1/NFPA 501A-latest edition, or with local codes in United States and with CAN/CSA-Z240 MH in Canada.
- **Make sure the wall coverings around the range can withstand the heat generated by the range.**
- **Before installing the range in an area covered with linoleum or any other synthetic floor covering, make sure the floor covering can withstand heat at least 90°F above room temperature without shrinking, warping or discoloring.** Do not install the range over carpeting unless you place an insulating pad or sheet of $\frac{1}{4}$ " (0,6 cm) thick plywood between the range and carpeting.

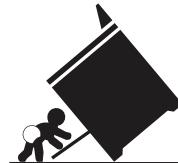
- **Do not obstruct the flow of combustion air at the oven vent nor around the base or beneath the lower front panel of the range.** Avoid touching the vent openings or nearby surfaces as they may become hot while the oven is in operation. This range requires fresh air for proper burner combustion.

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. Never leave the oven door open when the range is unattended.

WARNING Stepping, leaning or sitting on the doors or drawers of this range can result in serious injuries and can also cause damage to the range.

- **Do not store items of interest to children in the cabinets above the range.** Children could be seriously burned climbing on the range to reach items.
- **To eliminate the need to reach over the surface burners, cabinet storage space above the burners should be avoided.**
- **Adjust surface burner flame size so it does not extend beyond the edge of the cooking utensil.** Excessive flame is hazardous.

WARNING Tip Over Hazard



• A child or adult can tip the range and be killed.

• Verify the anti-tip device has been installed to floor or wall as per installation instructions.

- Ensure the anti-tip device is re-engaged to floor or wall when the range is moved.
- Do not operate the range 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.



To check if the anti-tip bracket is installed properly, use both arms and grasp the rear edge of range back. Carefully attempt to tilt range forward. When properly installed, the range should not tilt forward.

Refer to the anti-tip bracket **installation instructions** supplied with your range for proper installation.

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

- **Do not use the oven as a storage space.** This creates a potentially hazardous situation.
- **Never use your range for warming or heating the room.** Prolonged use of the range without adequate ventilation can be dangerous.
- **Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.** Explosions or fires could result.
- In the event of an electrical power outage, the surface burners can be lit manually. To light a surface burner,

hold a lit match to the burner head and slowly turn the Surface Control knob to LITE. Use caution when lighting surface burners manually.

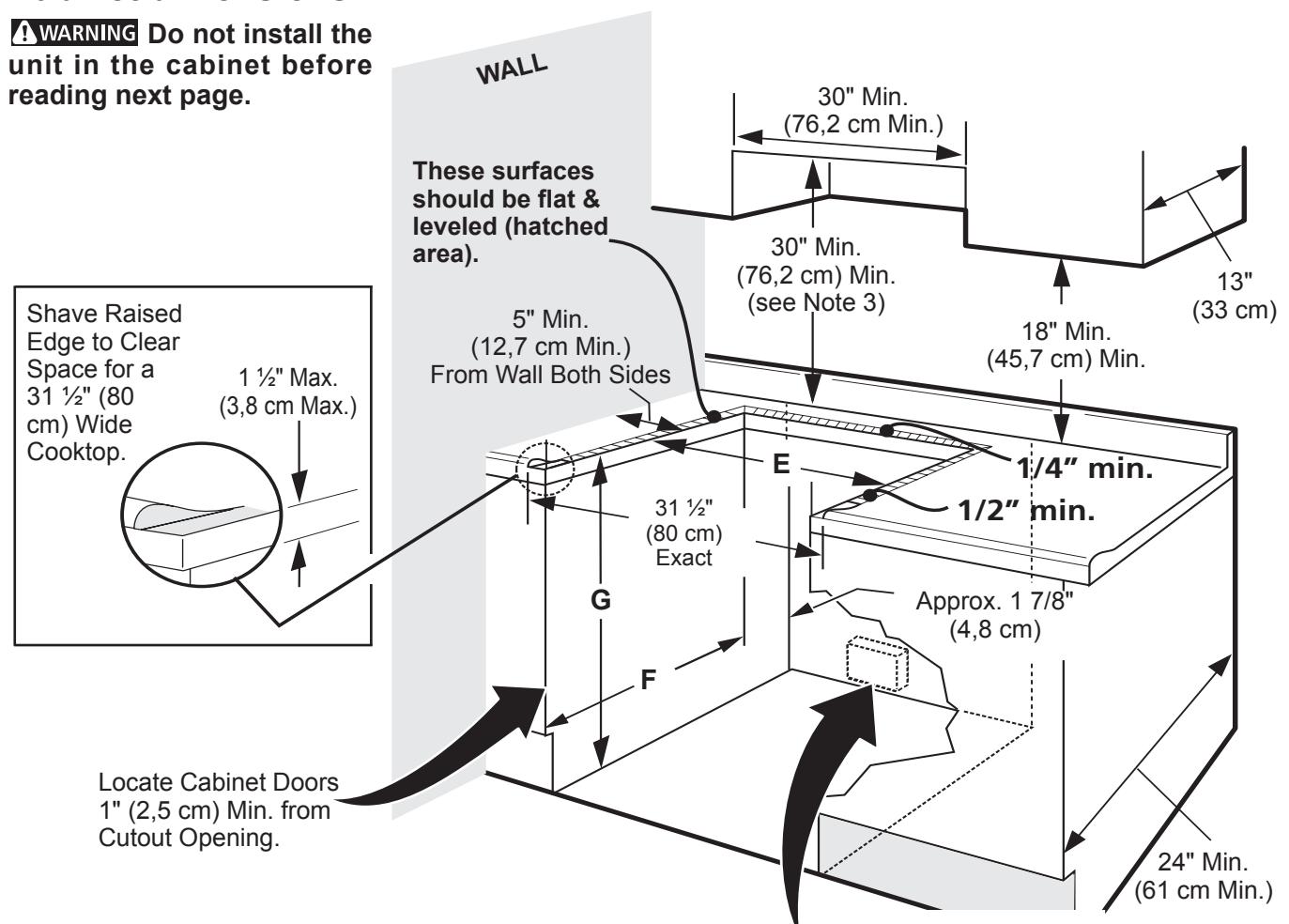
- **Reset all controls to the "off" position after using a programmable timing operation.**

FOR MODELS WITH SELF-CLEAN FEATURE:

- **Remove broiler pan, food and other utensils before self-cleaning the oven.** Wipe up excess spillage. Follow the precleaning instructions in the Use and Care Guide.

Cabinet dimensions

WARNING Do not install the unit in the cabinet before reading next page.



A. HEIGHT (Under Cooktop)	B. WIDTH	C. COOKTOP WIDTH	D. TOTAL DEPTH TO FRONT OF RANGE	E. CUTOUT WIDTH (Countertop and cabinet)	F. CUTOUT DEPTH	G. HEIGHT OF COUNTERTOP
35 7/8" (91,1 cm) 36 5/8" (93 cm)	30" (76,2 cm)	31 1/2" (80 cm)	28 5/16" (71,9 cm)	30±1/16" (76,2±0,15 cm)	21 3/4" (55,2 cm) Min. 22 1/8" (56,2 cm) Max 24" (61 cm) Min. with backguard	35 7/8" (91,1 cm) Min. 36 5/8" (93 cm) Max.

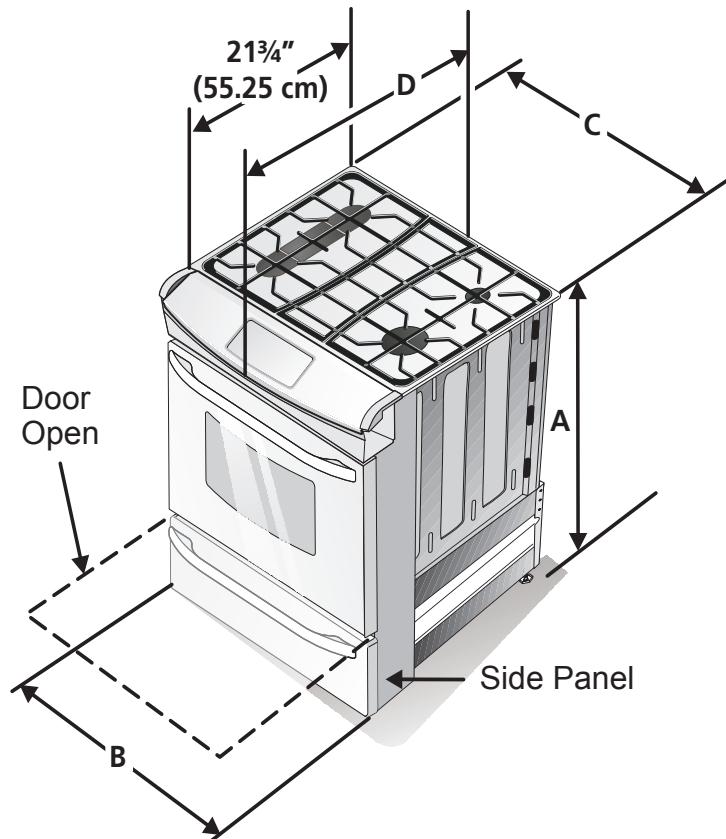
30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

Product dimensions

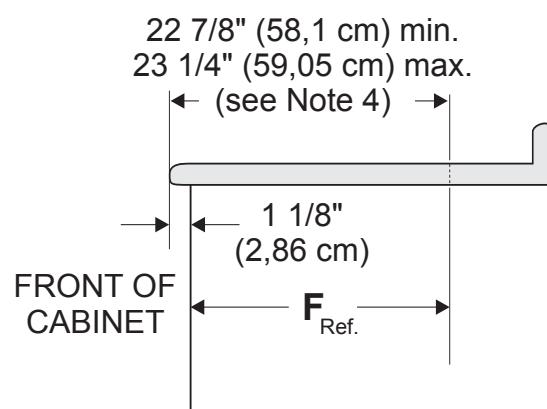
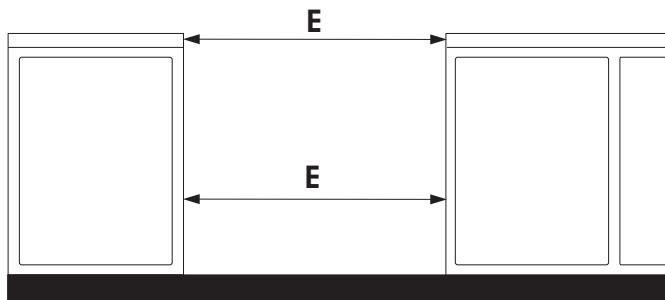
NOTE:

1. Do not pinch the power supply cord or the flexible gas conduit between the range and the wall.
2. Do not seal the range to the side cabinets.
3. 24" (61 cm) minimum clearance between the cooktop and the bottom of the cabinet when the bottom of wood or metal cabinet is protected by not less than $\frac{1}{4}$ " (0,64 cm) flame retardant millboard covered with not less than No. 28 MSG sheet metal, 0,015" (0,4 mm) stainless steel, 0,024" (0,6 mm) aluminum, or 0,020" (0,5 mm) copper. 30" (76,2 cm) minimum clearance when the cabinet is unprotected.
4. For cutouts below 22 7/8" (58,1 cm), appliance will slightly show out of the cabinet.
5. Allow at least 19 1/4" (48,9 cm) clearance for door depth when it is open.



* **IMPORTANT:** To avoid cooktop breakage for cutout width (E dimension) of more than 30 1/16" (76,4 cm), make sure the appliance is centered in the counter opening while pushing into it. Raise leveling legs at a higher position than the cabinet height (see page 3), insert the appliance in the counter and then level. Make sure the unit is supported by the leveling legs and NOT by the cooktop itself.

IMPORTANT: Cabinet and countertop width should match the cutout width.



A. HEIGHT (Under Cooktop)	B. WIDTH	C. COOKTOP WIDTH	D. TOTAL DEPTH TO FRONT OF RANGE	E. CUTOUT WIDTH* (Countertop and cabinet)	F. CUTOUT DEPTH	G. HEIGHT OF COUNTERTOP
35 7/8" (91,1 cm) 36 5/8" (93 cm)	30" (76,2 cm)	31 1/2" (80 cm)	28 5/16" (71,9 cm)	30±1/16" (76,2±0,15 cm)	21 3/4" (55,2 cm) Min. 22 1/8" (56,2 cm) Max 24" (61 cm) Min. with backguard	35 7/8" (91,1 cm) Min. 36 5/8" (93 cm) Max.

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

To avoid breakage: Do NOT handle or manipulate the unit by the cooktop.

1

The counter-top around the cut-out should be flat and leveled (see hatched area on illustration 1).

2

Before installing the unit, measure the heights of the two (2) cabinet sides (H1-4), front and back (see illustration 1) from the floor to the top of the counter.

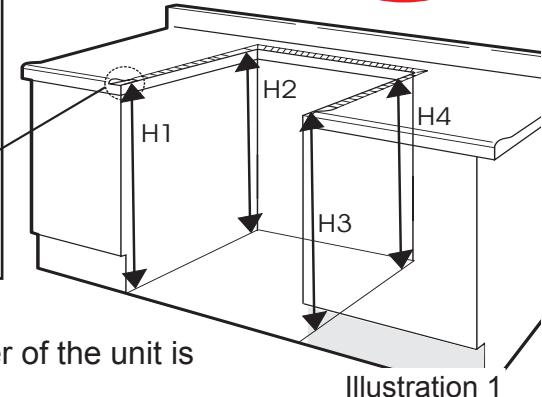
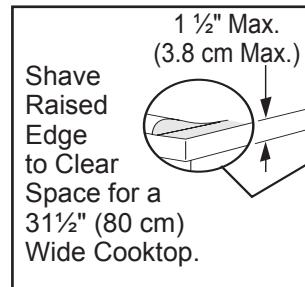


Illustration 1

3

Level the range using the four (4) leveling legs, so that the height from the floor to the underside of the metal flange is greater than the tallest cabinet measurement by at least 1/16" (0.16 cm) (see illustration 2).

4

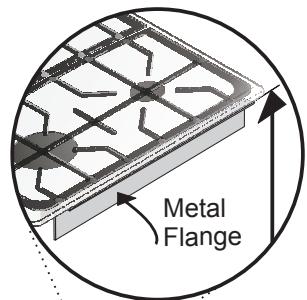
Slide the unit into the cabinet. Make sure the center of the unit is aligned with the center of the cabinet cut-out.

5

Remove the protective channels on each side of the cooktop (if provided).

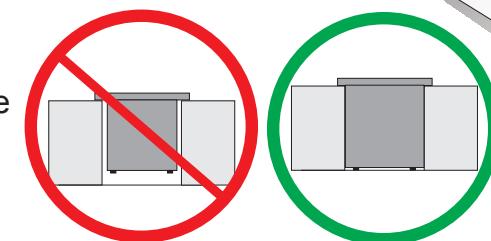
6

The metal flange under each side of the cooktop **MUST** be placed over the cabinet countertop for proper unit support. The cooktop should **NOT** rest directly on the countertop (see illustration 2) or else it could cause damage to the cooktop voiding the warranty. Level the unit if needed.



7

After the installation, **MAKE SURE** that the unit is supported by the two front leveling legs and the two adjustable leveling wheels and **NOT** by the cooktop.



To successfully install the range, the initial level height from floor to underside of cooktop frame should be at least 1/16" (0.16 cm) taller than cabinet sides as measured in step 2.

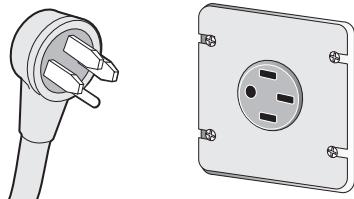
Illustration 2

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

1 Factory Connected Power Supply Cord (Canada only)

This range is equipped with a factory-connected power cord (see Figure 1). Cord must be connected to a grounded 120/240 volt or 120/208 volt range outlet. If no outlet is available, have one installed by a qualified electrician.



Canada Style
Figure 1

2 Power Supply Cord Kit (U.S.A.)

The user is responsible for connecting the power supply cord to the connection block located behind the back panel access cover.

This appliance may be connected by means of permanent "hard wiring"; flexible armored or nonmetallic shielded copper cable (when local code allow it) or by means of a power supply cord kit.

NOTE: Electric Slide-in Range is shipped from factory with 1 1/8" (2.9 cm) dia. hole as shown on figure 4. If a larger hole is required, punch out the knockout.

WARNING Risk of fire or electrical shock exists if an incorrect size range cord kit is used, the Installation Instructions are not followed, or the strain relief bracket is discarded.

For mobile homes, new installations or recreational vehicles, use only a power supply kit designed for a range at 125V/250V 30A recommended. Cord must have either 3 (when local code permits grounding through neutral) or 4 conductors. Terminal on end of wires must be either closed loop or open spade lug with upturned ends. Cord must have strain-relief clamp.

CAUTION Do not loosen the nuts which secure the factory-installed range wiring to terminal block while connecting range. Electrical failure or loss of electrical connection may occur.

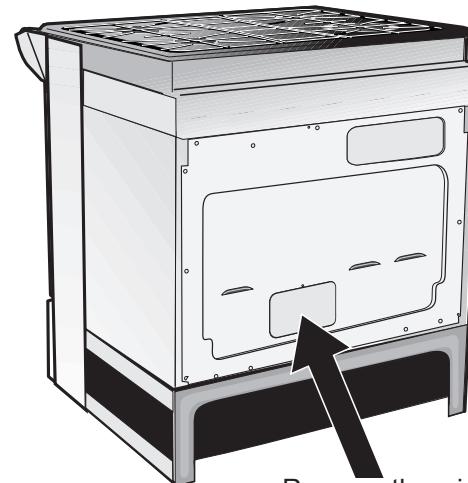
WARNING

Electrical Shock Hazard

- Electrical ground is required on this appliance.
- Do not connect to the electrical supply until appliance is permanently grounded.
- Disconnect power to the circuit breaker or fuse box before making the electrical connection.
- This appliance must be connected to a grounded, metallic, permanent wiring system, or a grounding connector should be connected to the grounding terminal or wire lead on the appliance.

Failure to do any of the above could result in a fire, personal injury or electrical shock.

3 Access to Terminal Block & Grounding Strap (U.S.A.)



Remove the wire cover here
for access to terminal block
Figure 2

WARNING This appliance is manufactured with the frame grounded by connection of a grounding strap between the neutral power supply terminal and the frame. If used in USA, in a new branch circuit installation (1996 NEC), mobile home or recreational vehicle, where local code do not permit grounding through neutral (white) wire or in Canada; remove the grounding strap from the frame and cut the other end, near the neutral terminal. Connect the appliance in usual manner.

4 Electrical Connection to the Range (U.S.A.)

Three Conductor Wire Connection to Range

If local codes permit connection of the frame grounding conductor to the neutral wire of the copper power supply cord (see Figure 3):

1. Remove the screw which is fixing the rear wire cover, then remove the rear wire cover (access cover) to expose range terminal connection block (see Figure 2).
2. Using the nuts supplied in the literature package, connect the neutral of the copper power supply cord to the center silver-colored terminal of the terminal block, and connect the other wires to the outer terminals. Match wires and terminals by color (red wires connected to the right terminal, black wires connected to the left terminal) (see figure 3).
3. Put back the rear wire cover using the screw removed on step 1.

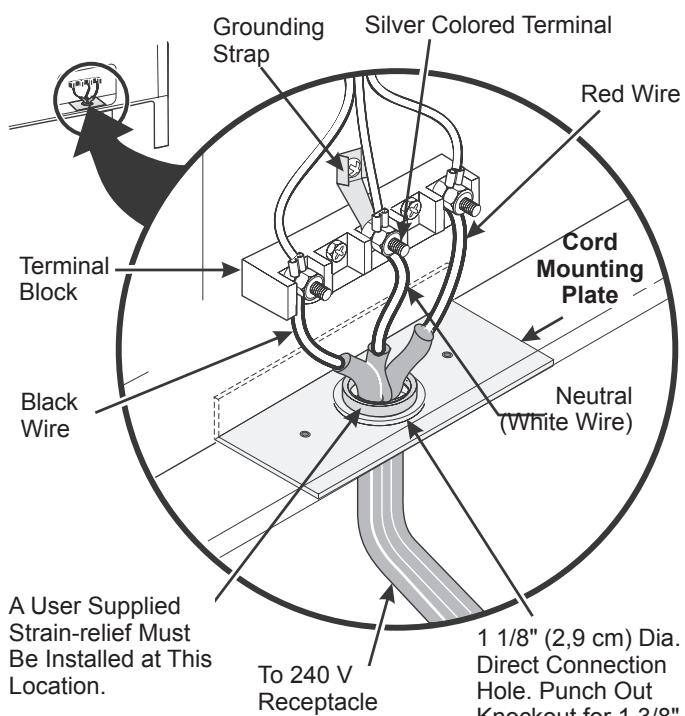


Figure 3

Four Conductor Wire Connection to Range

Where local codes does NOT permit connection of the frame grounding conductor to the neutral wire of the copper power supply cord (see Figure 4):

1. Remove the screw which is fixing the rear wire cover, then remove the rear wire cover (access cover) to expose range terminal connection block (see Figure 2).
2. Remove the grounding strap from the terminal block and from the appliance frame.
3. Using the nuts supplied with the literature package, connect the ground wire (green) of the copper power supply cord to the frame of the appliance with the ground screw, using the hole in the frame where the ground strap was removed (see Figure 4).
4. Connect the neutral of the copper power supply cord to the center silver-colored terminal of the terminal block, and connect the other wires to the outer terminals. Match wires and terminals by color (red wires connected to the right terminal, black wires connected to the left terminal).
5. Put back the rear wire cover using the screw removed on step 1.

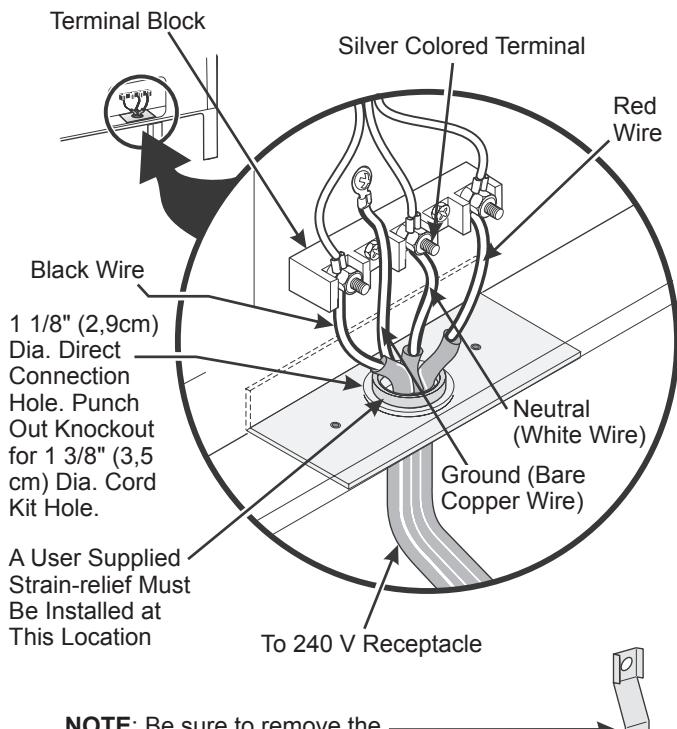


Figure 4

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

Direct Electrical Connection to the Circuit Breaker, Fuse Box or Junction Box

If the appliance is connected directly to the circuit breaker, fuse box or junction box, use flexible, armored or nonmetallic sheathed copper cable (with grounding wire). Supply a U.L. listed strain-relief at each end of the cable. At the appliance end, the cable goes through the Direct Connection Hole (see Figure 5) on the Cord Mounting Plate. Wire sizes (**copper wire only**) and connections must conform to the rating of the appliance. A 50A time-delay fuse or circuit breaker is recommended (minimum 40A).

Where local codes permit connecting the appliance-grounding conductor to the neutral (white) wire (see Figure 5):

1. Be sure that no power is supplied on the cable from residence.
2. Remove the grounding strap from the terminal block and from the appliance frame.
3. In the circuit breaker, fuse box or junction box:
 - a) Connect the green (or bare copper) wire, the white appliance cable wire, and the neutral (white) wire together.
 - b) Connect the 2 black wires together.
 - c) Connect the 2 red wires together.

Cable from Residence

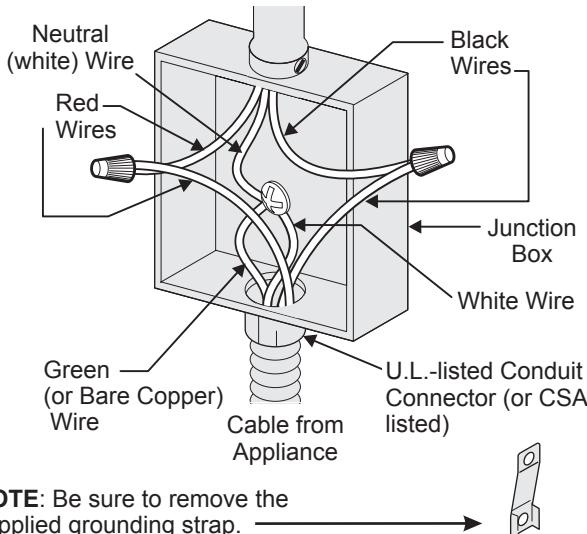


Figure 5
3-Wire (Grounded Neutral) Electrical System
(Example: Junction Box)

Where local codes DO NOT permit connecting the appliance-grounding conductor to the neutral (white) wire, or if connecting to 4-wire electrical system (see Figure 6):

1. Be sure that no power is supplied on the cable from residence.
2. Remove the grounding strap from the terminal block and from the appliance frame.
3. In the circuit breaker, fuse box or junction box:
 - a) Connect the white appliance cable wire to the neutral (white) wire.
 - b) Connect the 2 black wires together.
 - c) Connect the 2 red wires together.
 - d) Connect the green (or bare copper) grounding wire to the grounding wire of the circuit breaker, fuse box or junction box.

Cable from Residence

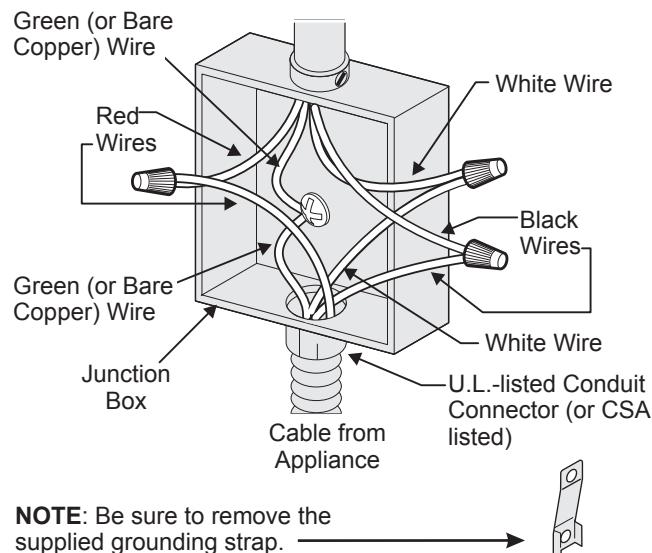


Figure 6 – 4-Wire Electrical System
(Example: Junction Box)

5 Cabinet Construction

CAUTION To eliminate the risk of burns or fire by reaching over heated surface units, do not have cabinet storage space above the range. If there is cabinet storage space above range, reduce risk by installing a range hood that projects horizontally a minimum of 5" (12,7 cm) beyond the bottom of the cabinet.

Countertop Preparation

- The cooktop sides of the range fit over the cutout edge of your countertop.
- If you have a **square finish (flat) countertop**, no countertop preparation is required. Cooktop sides lay directly on edge of countertop.
- **Formed front-edged countertops** must have molded edge shaved flat 3/4" (1,9 cm) from each front corner of opening (Figure 7).

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

- **Tile countertops** may need trim cut back $3/4"$ (1,9 cm) from each front corner and/or rounded edge flattened (Figure 7).

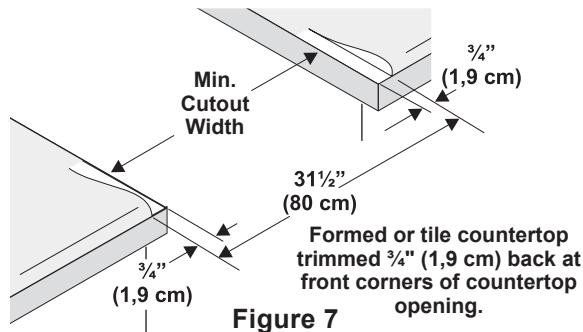


Figure 7

- If the existing cutout width is greater than $30\frac{1}{16}"$ (76,4 cm), reduce the $3/4"$ (1,9 cm) dimension.
- **Countertop must be level.** Place a level on the countertop, first side to side, then front to back. If the countertop is not level, the range will not be level. The oven must be level for satisfactory baking results. Cooktop sides of range fit over edges of countertop opening.

6 Gas Supply – Installation

When shipped from the factory, this unit is designed to operate on $4"$ (10,16 cm) water column (1,0 kPa) Natural gas manifold pressure. A convertible pressure regulator is connected to the range manifold and MUST be connected in series with the gas supply line. To access the regulator, remove the drawer.

For proper operation, the maximum inlet pressure to the regulator should be no more than $14"$ (35,6 cm) of water column pressure (3,5 kPa).

The inlet pressure to the regulator must be at least $1"$ (0,25 kPa) greater than the regulator manifold pressure setting. The regulator is set for $4"$ (10,2 cm) water column (1,0 kPa) Natural gas manifold pressure; the inlet pressure must be at least $5"$ (12,7 cm) water column (1,25 kPa) Natural gas. For LP/Propane gas, the regulator must be set for $10"$ (25,4 cm) water column (2,5 kPa) manifold pressure; the inlet pressure must be at least $11"$ (27,9 cm) water column (2,75 kPa).

The supply line should be equipped with an approved shutoff valve (see Figure 11). This valve should be located in the same room as the range and should be in a location that allows ease of opening and closing. Do not block access to the shutoff valve. The valve is for turning on or shutting off gas to the appliance.

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

The gas supply between the shutoff valve and the regulator may be connected by rigid piping or by

A.G.A./C.G.A.-approved flexible metallic union-connected piping where local codes permit use.

The gas supply piping can be through the back wall (Figure 8, zone 1) or through the floor (Figure 8, zone 2):

Zone 1 - Through the Back Wall (7" (17,8 cm) X 6" (15,2 cm)) - The best place to have your gas line in is between $1"$ (2,5 cm) and $8"$ (20,3 cm) from the floor and within $3"$ (7,6 cm) from the center line.

Zone 2 - Through the Floor (~2" (5,1 cm) X 24" (61 cm)) - The gas line can also come through the floor within $12"$ (30,5 cm) from the center line against the back wall.

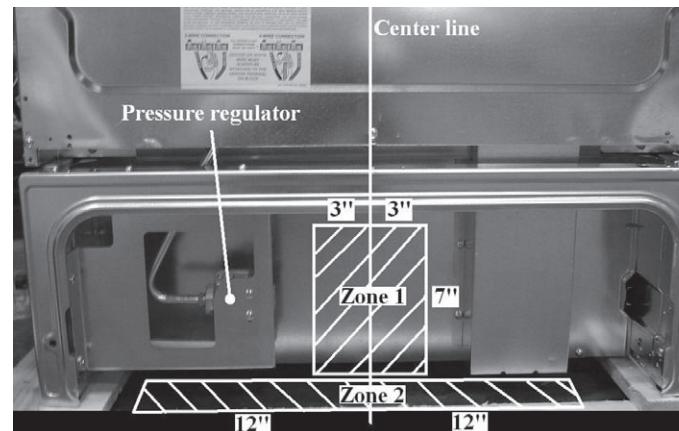


Figure 8

Seal the openings

Seal any openings in the wall behind the range and in the floor under the range after gas supply line is installed.

Connect the range to the gas supply

Important: Remove all packing material and literature from range before connecting gas and electrical supply.

To prevent leaks, put pipe joint sealant on all external pipe threads.

Your regulator is in location as shown in figure 9.

! CAUTION Do not allow regulator to rotate on pipe when tightening fittings.

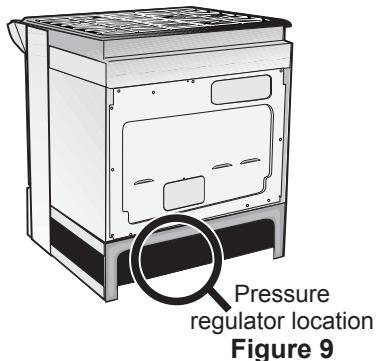
Connection to Pressure Regulator

The regulator is already installed on the appliance.

! CAUTION Do not make the connection too tight. The regulator is die cast. Overtightening may crack the regulator resulting in a gas leak and possible fire or explosion.

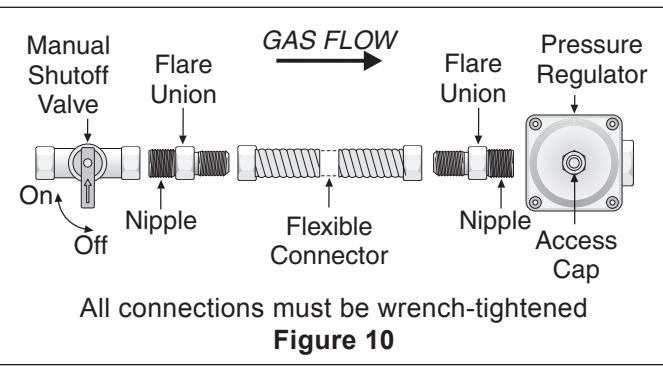
30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)



Pressure
regulator location

Figure 9



All connections must be wrench-tightened
Figure 10

Assemble the flexible connector from the gas supply pipe to the pressure regulator in the following order:

1. manual shutoff valve (not supplied)
2. 1/2" nipple (not supplied)
3. 1/2" flare union adapter (not supplied)
4. flexible connector (not supplied)
5. 1/2" flare union adapter (not supplied)
6. 1/2" nipple (not supplied)
7. pressure regulator (supplied)

The gas supply line to the shutoff valve should be 1/2" (1,27 cm) or 3/4" (1,9 cm) solid pipe.

The user must know the location of the main shutoff valve and have easy access to it.

When using flexible gas conduit on the range, allow sufficient slack to pull the range outside the cutout for cleaning or servicing.

NOTE: Do not allow the flexible conduit to get pinched between the wall and the range. To visually check, remove the range drawer.

Use pipe-joint compound made for use with Natural and LP/

Propane gas to seal all gas connections.

If flexible connectors are used, be certain connectors are not kinked.

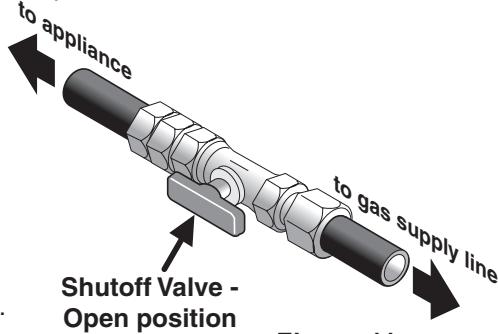


Figure 11

The supply line must be equipped with an approved manual shutoff valve. This valve should be located in the same room as the range and should be in a location that allows ease of opening and closing. Do not block access to the shutoff valve. The valve is for turning on or shutting off gas to the appliance.

Once regulator is in place, open the shutoff valve in the gas supply line. Wait a few minutes for gas to move through the gas line.

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

Check for leaks. After connecting the range to the gas supply, check the system for leaks with a manometer. If a manometer is not available, turn on the gas supply and use a liquid leak detector at all joints and connections to check for leaks.

WARNING 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.

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

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

Disconnect this range and its individual shutoff valve from the gas supply piping system during any pressure testing of the system at test pressures greater than 1/2 psig (3,5 kPa or 14" (35,56 cm) water column).

Isolate the range from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3,5 kPa or 14" (35,56 cm) water column).

7 LP/Propane Gas Conversion

This appliance can be used with Natural gas or LP/Propane gas. It is shipped from the factory for use with natural gas.

If you wish to convert your range for use with LP/Propane gas, use the supplied fixed orifices located in a bag containing the literature marked "FOR LP/PROPANE GAS CONVERSION". Follow the instructions packaged with the orifices.

The conversion must be performed by a qualified service technician in accordance with the manufacturer's instructions and all local codes and requirements. Failure to follow these instructions could result in serious injury or property damage. The qualified agency performing this work assumes responsibility for the conversion.

WARNING Failure to make the appropriate conversion can result in personal injury and property damage.

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

8 Moving the Appliance for Servicing and Cleaning

Turn off the range line fuse or circuit breakers at the main power source, and turn off the manual gas shut-off valve. Make sure the range is cold. Remove the service drawer (warmer drawer on some models) and open the oven door. Lift the range at the front and slide it out of the cut-out opening without creating undue strain on the flexible gas conduit. Make sure not to pinch the flexible gas conduit at the back of the range when replacing the unit into the cut-out opening. Replace the drawer, close the door and switch on the electrical power and gas to the range.

9 Range Installation

Important Note: Door removal is not a requirement for installation of the range, but is an added convenience.

Refer to the Use and Care Guide for oven door removal instructions.

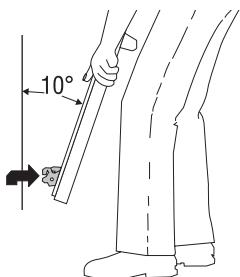


Figure 12

9.1 The range cooktop overlaps the countertop at the sides and the range rests on the floor. The cooktop is 31 1/2" (80 cm) wide.

9.2 Install base cabinets 30" (76,2 cm) apart. Make sure they are plumb and level before attaching cooktop. Shave raised countertop edge to clear 31 1/2" (80 cm) wide range top rim.

9.3 Install cabinet doors 31" (78,7 cm) min. apart so it will not interfere with range door opening.

9.4 Cutout countertop exactly as shown on page 3.

For models equipped with Leveling Device:

9.5 Make sure the front leveling legs and the rear leveling device are setup higher than the height of the cabinet.

9.6 **CAUTION** **Install the anti-tip bracket at this point before placing the range at its final position.** Follow the installation instructions on page 16 or on the anti-tip bracket template supplied with the range.

9.7 To provide an optimum installation, the top surface of the countertop must be level and flat (lie on the same plane) around the 3 sides that are adjacent to range cooktop. Proper adjustments to make the top flat should be made or gaps between the countertop and the range cooktop may occur.

9.8 **CAUTION** To reduce the risk of damaging your appliance, do not handle or manipulate it by the cooktop or control console. Manipulate with care.

9.9 Position range in front of the cabinet opening.

9.10 Make sure that the cooktop which overhangs the countertop clears the countertop. If necessary, raise the unit by lowering the leveling legs.

9.11 Slide the range into the cutout opening and center it before leveling it.

9.12 **Level the range** (see section 10). The floor where the range is to be installed must be level. Follow the instructions under "Leveling the Range-Models Equipped with Leveling Device".

9.13 Adjust leveling legs so that the underside of the cooktop is sitting on the countertop. Carefully screw in (refer to Leveling the range: Models equipped with Leveling Device") the back leveling leg until the cooktop overhang touches slightly the countertop. Then carefully screw in the front two leveling legs until the cooktop overhang touches slightly the countertop.

For models equipped with Leveling Leg only (no leveling device):

9.5 Make sure the four leveling legs (front and rear) are setup higher than the height of the cabinet.

9.6 **CAUTION** **Install the anti-tip bracket at this point before placing the range at its final position.** Follow the installation instructions on page 17 or on the anti-tip bracket template supplied with the range.

9.7 To provide an optimum installation, the top surface of the countertop must be level and flat (lie on the same plane) around the 3 sides that are adjacent to range cooktop. Proper adjustments to make the top flat should be made or gaps between the countertop and the range cooktop may occur.

9.8 **CAUTION** To reduce the risk of damaging your appliance, do not handle or manipulate it by the cooktop. Manipulate with care.

9.9 Position range in front of the cabinet opening.

9.10 Make sure that the cooktop which overhangs the countertop clears the countertop. If necessary, raise the unit by lowering the leveling legs.

9.11 **Level the range** (see section 10). The floor where the range is to be installed must be level. Follow the instructions under "Leveling the Range-Models Equipped with Leveling Legs".

9.12 Slide the range into the cutout opening.

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

IMPORTANT If Accessories Needed:

Installation With Backguard

The cutout depth of (21 3/4" (55.2 cm) Min., 22 1/8" (56.2 cm) Max.) needs to be increased to 24" (61 cm) when installing a backguard.

Installation With End Panel

A End Panel kit can be ordered through a Service Center.

Installation With Side Panels

A Side Panels kit can be ordered through a Service Center. Note: Install cabinet doors 31" (78.7 cm) min. apart so as not to interfere with range door opening.

10. Leveling the Range

10.1 Models Equipped with Leveling Device

Level the range after installation in the cutout opening.

1. Open the range drawer. The leveling screws control the height of the rear leg.
2. Adjust the appliance legs as follows until the underside of the cooktop (or cooktop glass) surface is sitting level on the countertop.
 - a. To adjust the front legs, use a wrench on the leg base and turn counterclockwise to lower or clockwise to raise the range.
 - b. To adjust the rear legs, use a ratchet or a nutdriver and turn the leveling screws counterclockwise to lower or clockwise to raise the range.
3. Check if the range is level by installing an oven rack in the center of the oven and placing a level on the rack (Figure 14).
4. Take 2 readings with the level placed diagonally in one direction and then the other. Level the range, if necessary, by adjusting the leveling legs.
5. If the range cannot be level, contact a carpenter to correct sagging or sloping floor.

10.2 Models Equipped with Leveling Legs

Level the range and set cooktop height before installation in the cut-out opening.

1. Install an oven rack in the center of the oven.
2. Place a level on the rack (see Figure 14). Take 2 readings with the level placed diagonally in one direction and then the other. Level the range, if necessary, by adjusting the 4 leg levelers with a wrench (see Figure 26).
3. Taking care to not damage the countertop, slide range into cutout opening and double check for levelness.

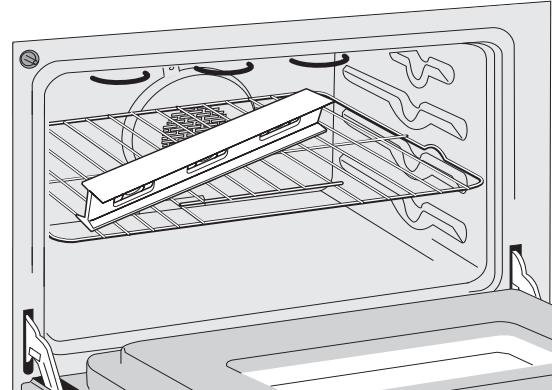


Figure 14

11 Check Operation

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

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

Remove all packaging from the oven before testing.

11.1 Check Burner Cap Placement

It is **very important** to be sure that all surface burner caps and burner grates are properly installed and in the correct locations **before** operating the appliance. Please note that the burner heads are secured to the cooktop. **The cooktop is not removable.** Do not attempt to remove or lift the cooktop.

WARNING To prevent flare-ups and avoid creation of harmful by-products, do not use the cooktop without all burner caps properly installed to insure proper ignition and gas flame size.

Always keep the burner caps and burner heads in place whenever the surface burners are in use. **DO not allow spills, food, cleaning agents or any other material to enter the gas orifice holder openings.**

Check and be sure the size of each burner cap matches the size of the burner head. Check and be sure that all round style burner caps are correctly in place on round burner heads.

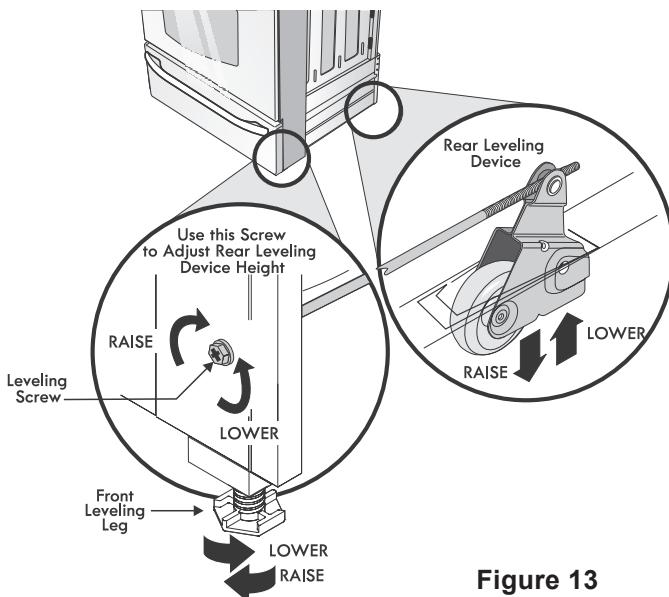


Figure 13

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

Check and be sure that all oval style burner caps are correctly in place on oval burner heads (if equipped). Check and be sure that all dual or twin style burner caps are correctly in place on dual or twin heads (if equipped).

On round style burners, the burner cap lip (Figure 15) should fit snug into the center of burner head and be level. Refer to figures 16 & 17 for correct and incorrect burner cap placement.

Once in place, you may check the fit by gently sliding the burner cap from side to side (Figure 18) to be sure it is centered and firmly seated. When the burner cap lip makes contact inside the center of the burner head you will be able to hear the burner cap click. Please note that the burner cap should NOT move off the center of the burner head when sliding from side to side.

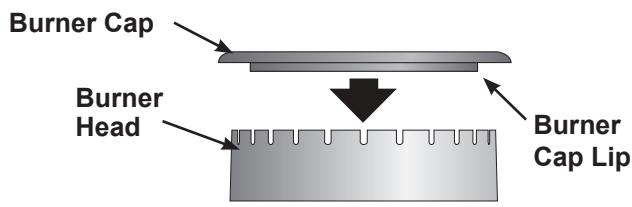
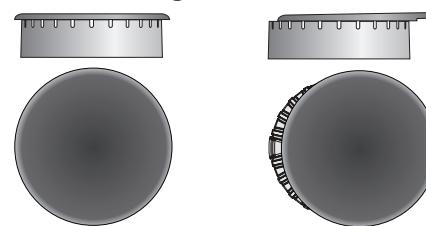


Figure 15



Correct Burner Cap Placement - Figure 16

Incorrect Burner Cap Placement - Figure 17

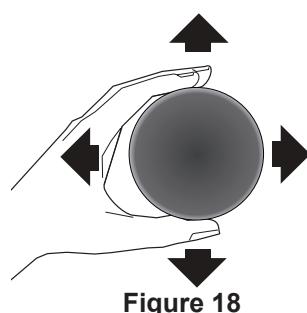


Figure 18

NOTE: There are no burner adjustments necessary on this range.

11.2 Turn on Electrical Power and Open Main Shutoff Gas Valve

11.3 Check the Igniters

Operation of electric igniters should be checked after range and supply line connectors have been carefully checked for leaks and range has been connected to electric power.

- a. To check for proper lighting, push in and turn a surface burner knob to the LITE position. You will hear the igniter sparking.
- b. The surface burner should ignite when gas is available to the burner. Purge air from supply lines by leaving knob in the LITE position until burner ignites. Each burner should light within four (4) seconds in normal operation after air has been purged from supply lines.
- c. Visually check that burner has a flame. Once the burner ignites, the control knob should be turned out of the LITE position.
- d. Try each surface control knob separately until all burner valves have been checked. Each burner location is equipped with a separate electrode.

11.4 Adjust the "LOW" Setting of Surface Burner Valves (linear flow)

Test to verify if LOW setting should be adjusted:

- a. Push in and turn control to LITE until burner ignites.
- b. Push in and quickly turn knob to lowest position.
- c. If burner goes out, reset control to OFF.
- d. Remove the surface burner control knob.

For all burner styles (except Dual and Bridge burner)

- e. Insert a thin-bladed screwdriver into the hollow valve stem and engage the slotted screw inside. Flame size can be increased or decreased with the turn of screw. Turn counterclockwise to increase flame size. Turn clockwise to decrease flame size (Figure 19). Adjust flame until you can quickly turn knob from LITE to lowest position without extinguishing the flame. Flame should be as small as possible without extinguishing.

For Dual and Bridge burner style adjustment only:

- e. The inner portion (Simmer) of the dual burner flame size or the rear portion of the bridge burner flame size can be increase or decrease with the turn of screw A. Use screw B to adjust flame size of the outer portion of the Dual Burner or the center portion of the Bridge Burner (Figure 20). Turn the screw counterclockwise to increase flame size. Turn clockwise to decrease flame size. Adjust flame size until you can quickly turn the knob from LITE to lowest position without extinguishing the flame. Flame should be as small as possible without going out.

Note: Air mixture adjustments are not required on surface burners.

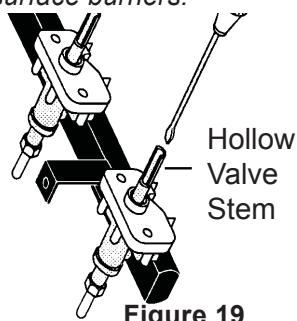


Figure 19

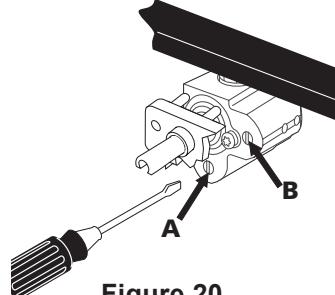


Figure 20

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

11.6 Operation of Oven Elements

The oven is equipped with an electronic oven control. Each of the functions has been factory checked before shipping. However, it is suggested that you verify the operation of the electronic oven controls once more. Refer to the Electronic Oven Control Guide for operation. Follow the instructions for the Clock, Timer, Bake, Broil, Convection (some models) and Clean functions.

Bake—Set the oven to 350°F (177°C) for baking, and check to see if the oven is heating.

Broil—When the oven is set to BROIL, the upper element in the oven should become red.

Clean—When the oven is set for a self-cleaning cycle, the upper element should become red during the preheat portion of the cycle. After reaching the self-cleaning temperature, the lower element will become red.

Convection (some models)—When the oven is set to CONV. BAKE/ROAST at 350°F (177°C), the convection element cycles on and off and the convection fan turns. The convection fan will stop turning when the oven door is opened during convection baking or roasting.

Warmer Drawer (some models)—Set the control knob to HI and check to see the drawer is heating.

When All Hookups are Complete

Make sure all controls are left on the OFF position.

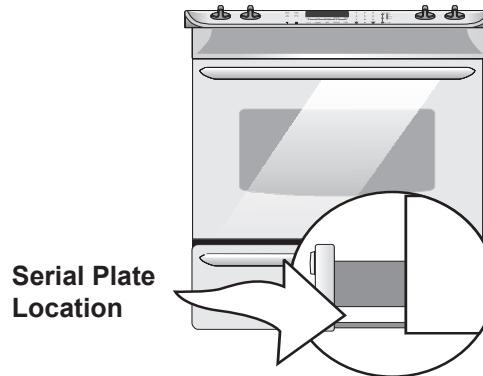
Make sure the flow of combustion and ventilation air to the range is unobstructed.

Model and Serial Number Location

The serial plate is located on the oven front frame behind the oven door (some models) or on the drawer side frame (some models).

When ordering parts for or making inquiries about your range, always be sure to include the model and serial numbers and a lot number or letter from the serial plate on your range.

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



Before You Call for Service

Read the Avoid Service Checklist and operating instructions in your Use and Care Guide. It may save you time and expense. The list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

Refer to the warranty and service information in your Use and Care Guide for phone number and address. Please call or write if you have inquiries about your range product and/or need to order parts.

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

12. Anti-Tip Brackets Installation Instructions

12.1 Models Equipped with Leveling Device

WARNING To reduce the risk of tipping of the range, the range must be secured to the floor by properly installed anti-tip bracket and screws packed with the range. These parts are located in the oven. Failure to install the anti-tip bracket will allow the range to tip over if excessive weight is placed on an open door or if a child climbs upon it. Serious injury might result from spilled hot liquids or from the range itself.

Follow the instructions below to install the anti-tip brackets.

If range is ever moved to a different location, the anti-tip brackets must also be moved and installed with the range.

Tools Required:

Adjustable Wrench

Ratchet

Drill & 1/8" (0,32 cm) bit

5/16" (0,8 cm) Nutdriver

Level

The anti-tip bracket attaches to the floor at the back of the range to prevent range from tipping. When fastening bracket to the floor, be sure that screws do not penetrate electrical wiring or plumbing. The screws provided will work in either wood or concrete.

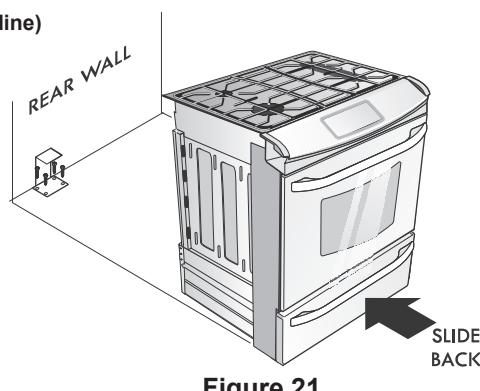
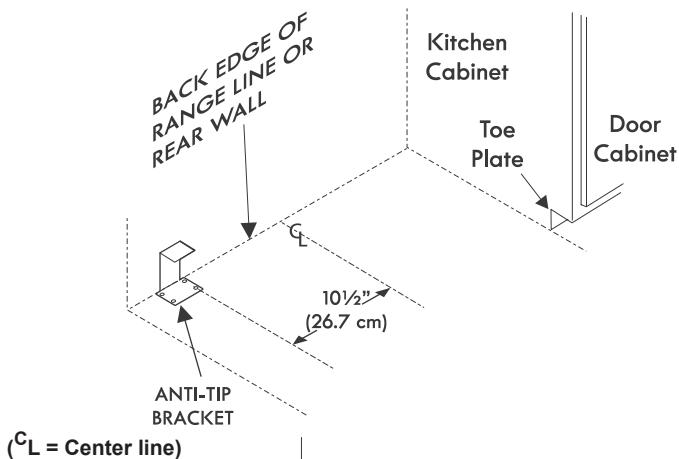


Figure 21

1. Draw a center line (CL) on the floor where the range should be installed. Also draw a line on the floor at the range back position if there is no wall.
2. Unfold paper template and place it flat on the floor with the right rear corner positioned exactly on the intersection of the center and back lines you just drew before. (Use the diagram below to locate brackets if template is not available (Figure 21)).
3. Mark on the floor the location of the 4 mounting holes shown on the template. For easier installation, 3/16" (0,48 cm) diameter pilot holes 1/2" (1,27 cm) deep can be drilled into the floor.
4. Remove template and place bracket on floor. Line up holes in bracket with marks on floor and attach with 4 screws provided. Bracket must be secured to solid floor (Figure 19). If attaching to concrete floor, first drill 3/16" (0,48 cm) dia. pilot holes using masonry drill bit.
5. Be sure the 4 leveling legs are at the highest position they can be.
6. Slide range into place making sure structure of the range is trapped by the anti-tip bracket (Figure 22). Lower the range by adjusting the 4 leveling legs until the underside of the cooktop is sitting level on the countertop. Refer to "Leveling the Range" section.
7. After installation, verify that the anti-tip bracket is engaged by grasping the top rear edge of the range and carefully attempt to tilt it forward to make sure range is properly anchored.

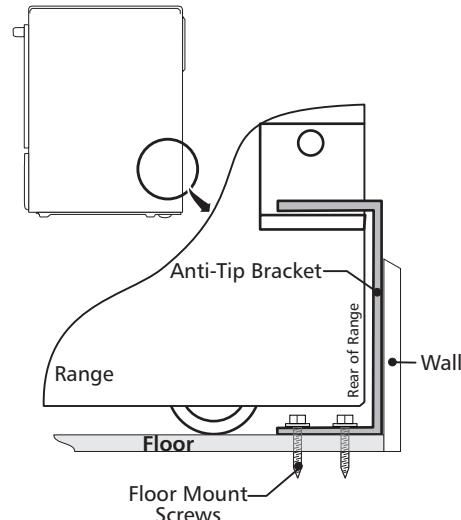


Figure 22

30" DUAL FUEL SLIDE-IN RANGE INSTALLATION INSTRUCTIONS

(Models with an Electric Oven and a Gas Cooktop)

12.2 Models Equipped with Leveling Legs

WARNING To reduce the risk of tipping of the range, the range must be secured to the floor by the properly installed anti-tip bracket and screws packed with the range. Failure to install the anti-tip bracket will allow the range to tip over if excessive weight is placed on an open door or if child climbs upon it. Serious injury might result from spilled hot liquids or from the range itself.

If range is ever moved to a different location, the anti-tip bracket must also be moved and installed with the range.

Instructions are provided for installation in wood or cement floor. When fastening to floor, be sure that screws do not penetrate electrical wiring, gas line or plumbing.

A. Locate the Bracket Using the Template - Locate the bracket position (right or left side) by placing the template symmetrically to the center of the final range position. Mark the location of the screw holes, shown on template.



Figure 23

B. Drill Pilot Holes and Fasten Bracket - Drill a 1/8" (0,3 cm) pilot hole where screws are to be located. If bracket is to be mounted to the wall, drill pilot hole at an approximate 20° downward angle. If bracket is to be mounted to masonry or ceramic floors, drill a 3/16" (0,5 cm) pilot hole 1-3/4" (4,4 cm) deep. The screws provided may be used in wood or concrete material. Use a 5/16" (0,8 cm) nut-driver or flat head screwdriver to secure the bracket in place.

FASTEN BRACKET (WALL OR FLOOR MOUNTING)

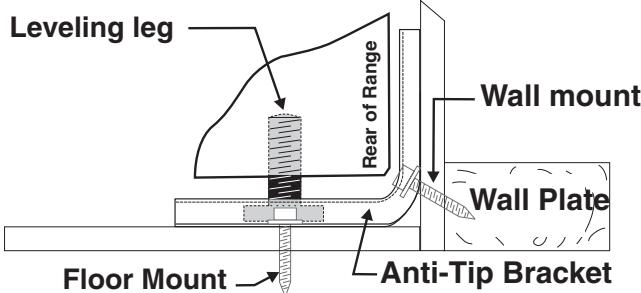


Figure 24

C. Level and position the range - Slide range to its final position. Insert the range leveling leg in the anti-tip bracket. Visually verify if the anti-tip bracket is engaged. Lower the range by adjusting the 4 leveling legs alternatively until the range is level. Check if the range is level by placing a spirit level on the oven rack. Take 2 readings with the spirit level placed diagonally; take a reading in one direction and then in the other direction. Level the range if necessary by adjusting the leveling legs.

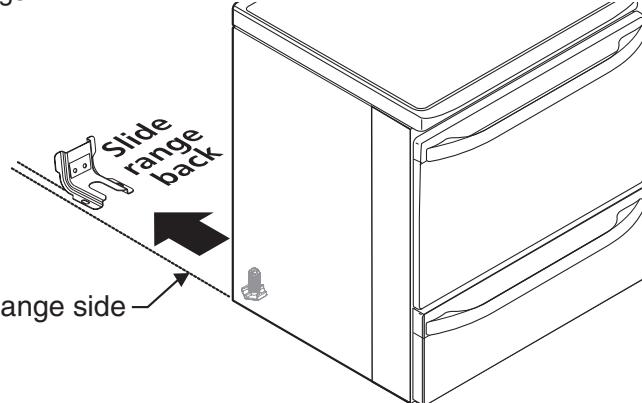


Figure 25

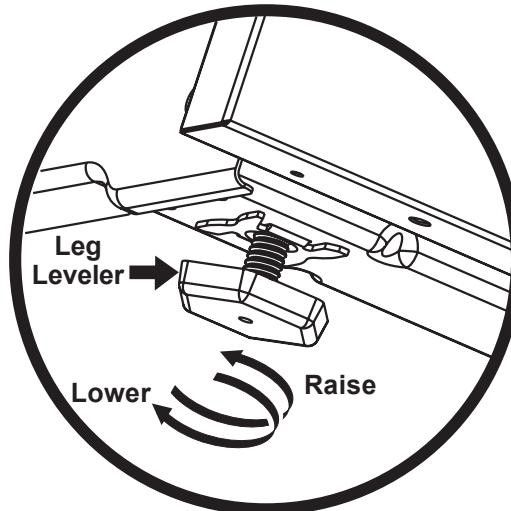


Figure 26

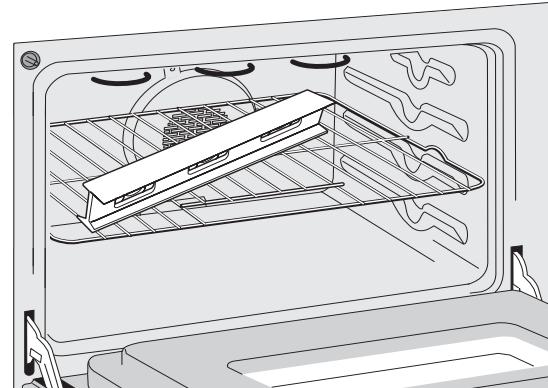


Figure 27