

INSTALLATION MANUAL

INDUCTION RANGE

type RUEI

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IMPORTANT: Save these instructions for the local electrical inspector use.
INSTALLER: Please leave this manual with owner for future reference.
OWNER: Please keep this manual for future reference.

Pay attention to these symbols present in this manual:



DANGER

You can be killed or seriously injured if you don't IMMEDIATELY follow instructions.



WARNING

- This is the safety alert symbol. This symbol alerts you to potential hazards that can kill or hurt you and others.
- You can be killed or seriously injured if you don't follow these instructions.

READ AND SAVE THESE INSTRUCTIONS.

To installer:

Leave these instructions with the appliance.

To customer:

Retain these instructions for future reference.



WARNING

If the information in this manual is not followed exactly, a fire or explosion may resulting in product and property damage and / or personal injury or death.

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

GLOSSARY OF TERMS

NG - Natural Gas

LP - Liquid Propane



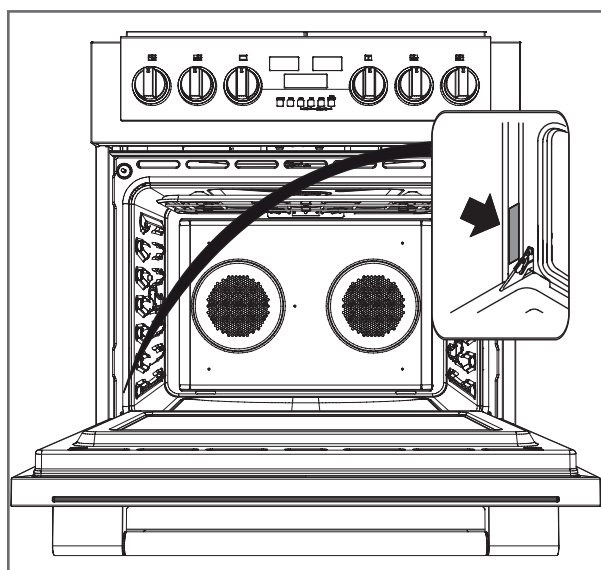
IMPORTANT *Special Warnings*

Please read all instructions before using this appliance.

Proper installation is your responsibility. Have a qualified technician install this range.

Important:

- Observe all governing codes and ordinances.
- Avant l'installation de la cuisinière, noter le modèle et les numéros de série. Les deux numéros se trouvent sur la plaque de données dans la position indiquée dans la figure ci-dessous.



Mobile Home Installation

The installation of this appliances must conform to the Manufactured Home Construction and Safety Standards, Title 24 CFR, 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 Installations (Manufactured Home Sites, Communities and Setups), ANSI A225.1 - latest edition, or with local codes.

In Canada, the installation of this appliances must conform with the current standards CAN/CSA-Z240 - latest edition, or with local codes.

Before Starting Installation

- Check location where range will be installed. The location should be away from strong drafty areas, such as windows, doors and strong heating vents or fans.
- Electrical grounding is required. See "Electrical Requirements"
- Assure that electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 - latest edition**, or Canadian Electrical Code, part 1 C22.1 (latest edition)*** and all local codes and ordinances.

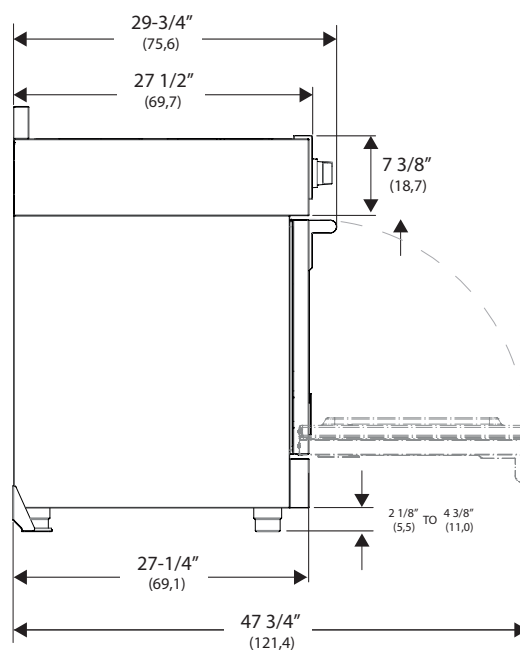
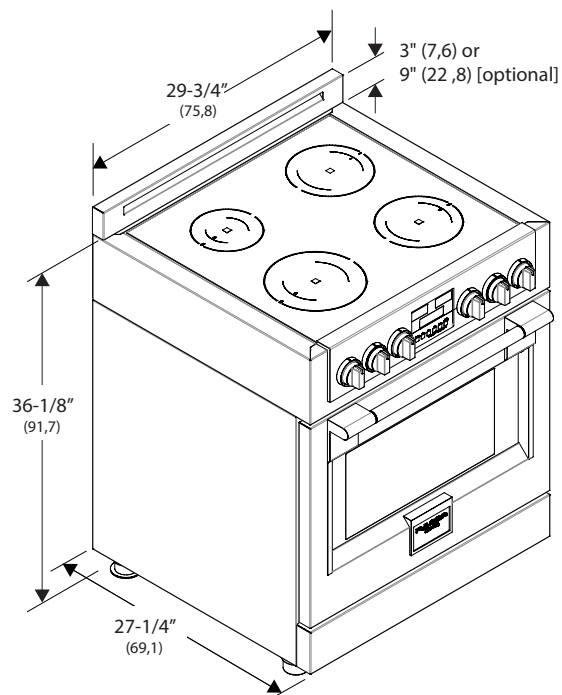
Copies of the standards listed may be obtained from:

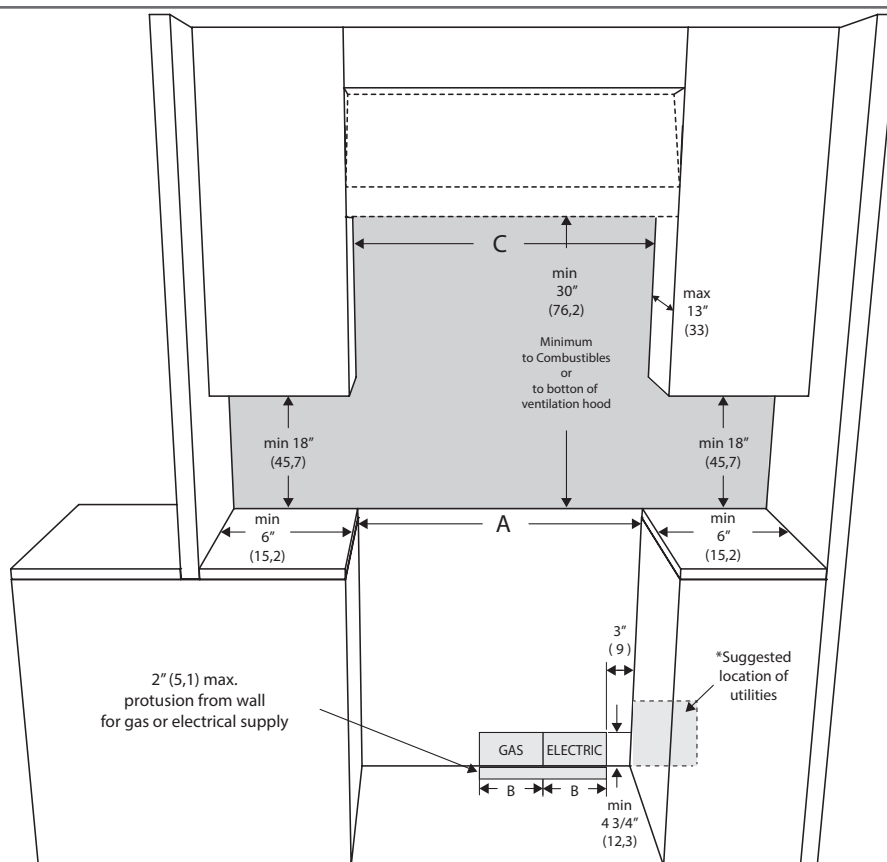
** National Fire Protection Association One Batterymarch Park
Quincy, Massachusetts 02269

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

Product Dimensions and Cutout Requirements

30" Wide Range Models





OPENING WIDTH	A & C	B
Range 30"	30" (76,2)	6" (15,2)

SHADED AREA:

The surface of the entire back wall above the range and below the hood must be covered with a noncombustible material.

*Consult local code for exact location requirements.

Clearances to non-combustible materials must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54.

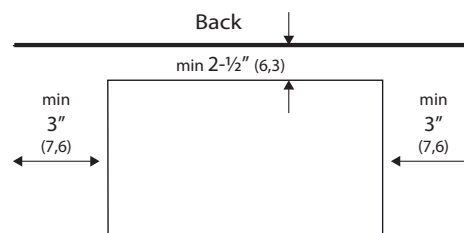
Minimum clearances:

Above cooking surface (above 36" [91.4 cm])

- Sides - 3" (7.6 cm)
- Within 3" (7.6 cm) side clearance, wall cabinets no deeper than 13" (33.0 cm) must be minimum 18" (45.7 cm) above cooking surface
- Wall cabinets directly above product must be a minimum of 30" (76.2 cm) above cooking surface.
- Rear - 0" with 3" (7.6 cm) backguard.

ADDITIONAL CLEARANCES:

For island installation, maintain 2-1/2 in. minimum from cutout to back edge of countertop and 3 in. minimum from cutout to side edges of countertop (see top view).



Cutout requirements

Before moving the range, protect any finished flooring and secure oven door(s) closed to prevent damage.

Vent hood Combinations:

It is recommended that these ranges be installed in conjunction with a suitable overhead vent hood.

- Install a hood with at least 600 CFM above a 30" range.

Due to the high heat capacity of this unit, particular attention should be paid to the hood and ductwork installation to assure it meets local building codes.



WARNING

Clearances to horizontal surfaces above the range, measured to the cooking surface are below. Failure to comply may result in fire hazard.

- Installations without a hood require 30" minimum to combustibles.
- A custom hood installation with exposed horizontal combustibles surfaces must have an Auto-On feature.
- For other installations with a hood, refer to hood installation instructions for specific hood clearances.



CAUTION

These ranges weigh up to 400 pounds. Some disassembly will reduce the weight considerably. Due to the weight and size of the range and to reduce the risk of personal injury or damage to the product:

TWO PEOPLE ARE REQUIRED FOR PROPER INSTALLATION.

Anti-Tip Bracket Installation



WARNING



Tip Over Hazard

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

Ensure the anti-tip bracket is engaged when the range is moved.

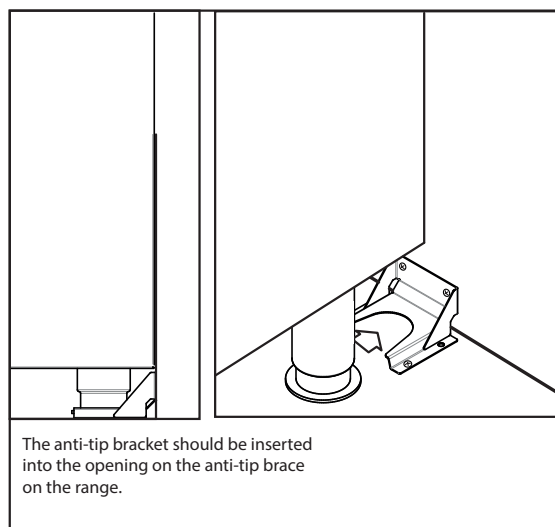
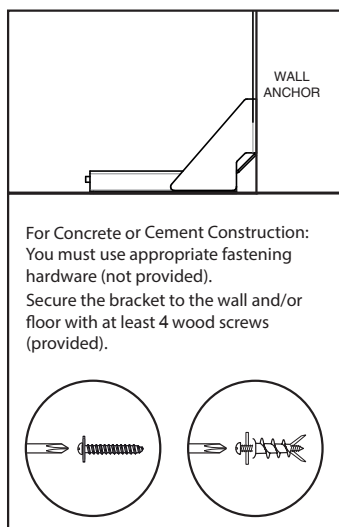
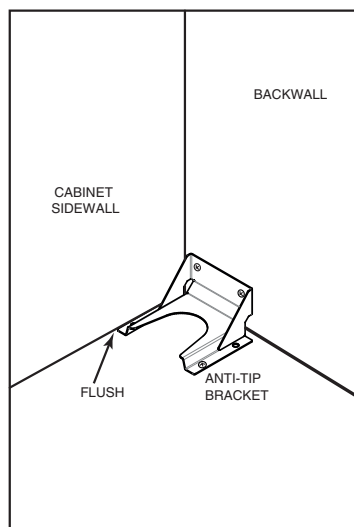
Do not operate range without anti-tip bracket installed and engaged.

Failure to follow these instructions can result in death or serious burns to children and adults.



To verify the anti-tip bracket is installed and engaged:

- Slide range forward.
- Look for the anti-tip bracket securely attached to floor or wall.
- Slide range back so rear range foot is under anti-tip bracket.
- See installation instructions for details.



The anti-tip bracket should be inserted into the opening on the anti-tip brace on the range.

Installation Information



WARNING

- **Excessive Weight Hazard**

Use two or more people to move and install range. Failure to do so can result in back or other injury.

- **Cut Hazard**

Beware of sharp edges. Use the polystyrene ends when carrying the product. Failure to use caution could result in minor injury or cuts.

CHOOSING RANGE LOCATION

Carefully select the location where the range will be placed.

The range should be located for convenient use in the kitchen, but away from strong drafts.

Strong drafts may be caused by open doors or windows, or by heating and/or air conditioning vents or fans.

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

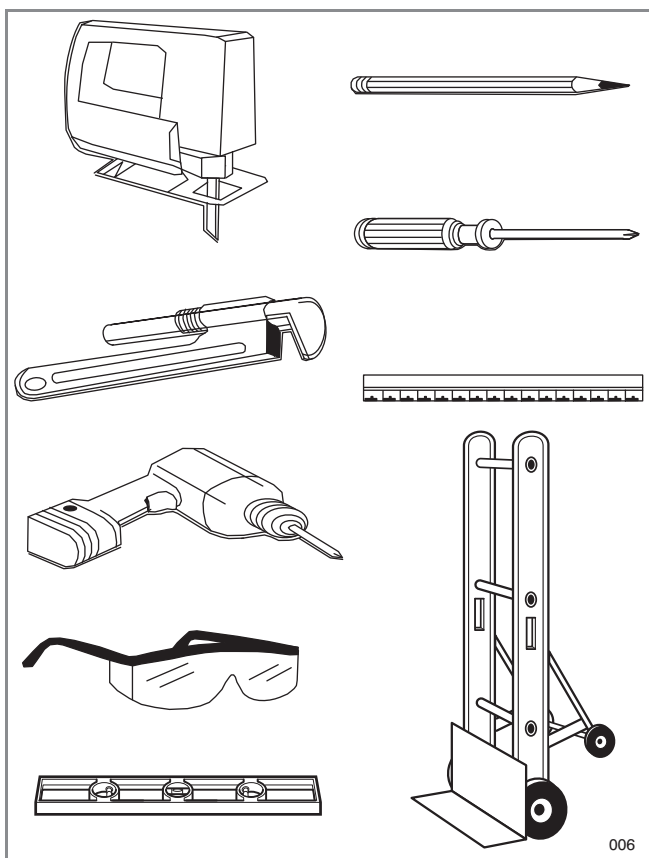
the vent openings or nearby surfaces as they may become hot while the oven is in operation. This range requires fresh air for proper burner combustion

IMPORTANT NOTE: When installing against a combustible surface, a minimum riser is required for the range. Follow all minimum clearances to combustible surfaces shown in the illustration on the previous pages.

Before moving the range, protect any finished flooring and secure oven door(s) closed to prevent damage.

Do not lift or carry the range door by the door handle.

To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a range hood that projects horizontally a minimum of inches beyond the bottom of the cabinets.

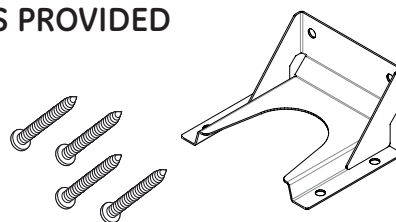


Tools you will need

Remove packaging materials and literature package from the cooktop before beginning installation. Remove Installation Instructions from literature pack and read them carefully before you begin.

MATERIALS PROVIDED

Anti-Tip
Bracket, Brace
and Screws



Parts

Installation Instruction

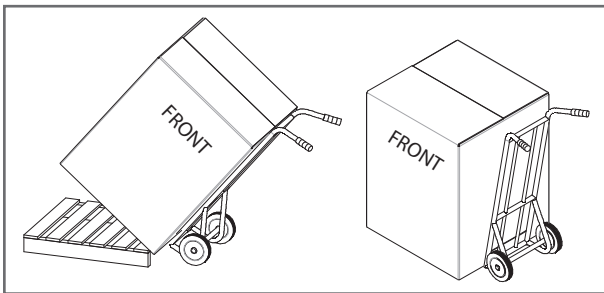
Step 1

Cut the banding and remove the appliance from the pallet by a hand-truck inserting the blade under the foam base.



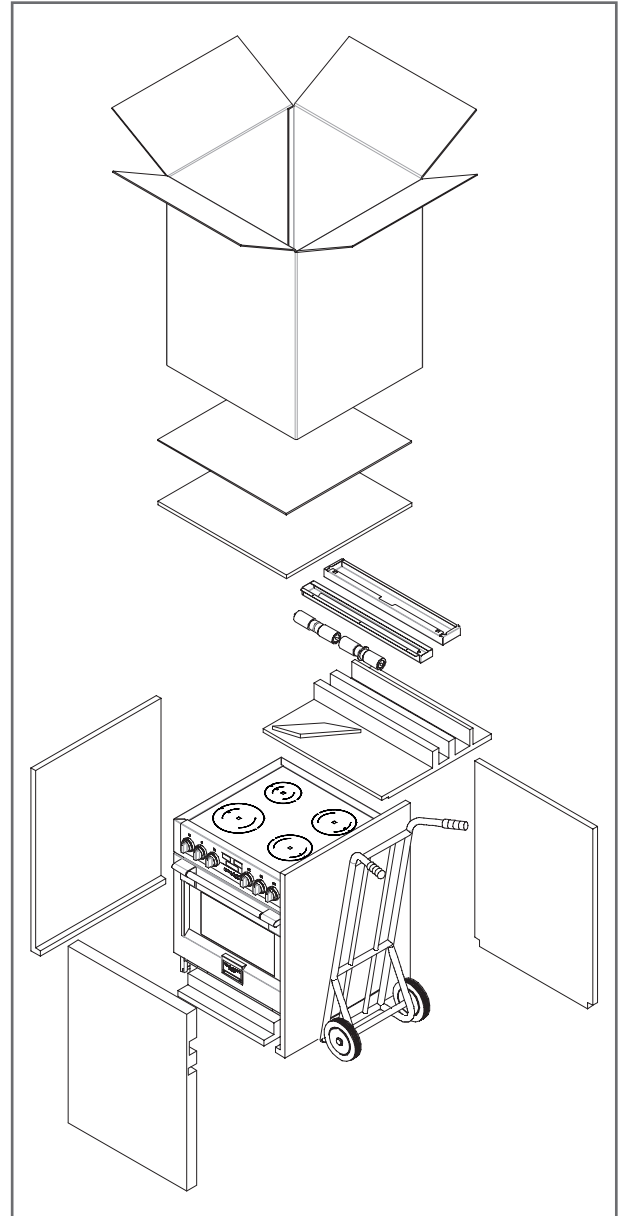
CAUTION

Stand clear. The ends of the cut banding may snap toward you.



Step 2

Remove Installation Instructions from the top of range and read them carefully before you begin.



Step 3

Move the range indoors before installing the legs, position the appliance near its final location as the legs are not suitable for moving the appliance over long distances.

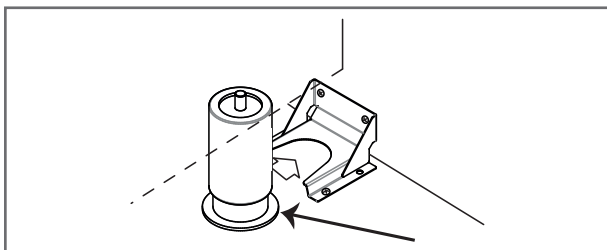
Legs are packed in the cardboard top pack.



CAUTION

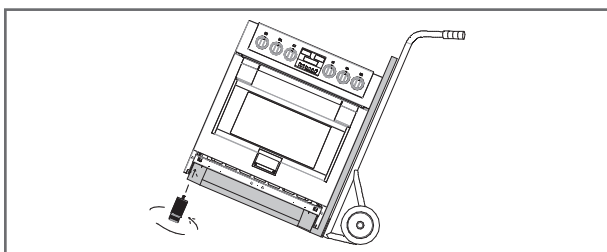
Doors and passageways leading to the installation location require at least 31" opening. If the opening is less than 31", the oven door(s) and control knobs must be removed. (see Use & Care manual for oven door removal instructions).

Note: the legs with collar must be mounted on the back of range to engage the anti tip device.



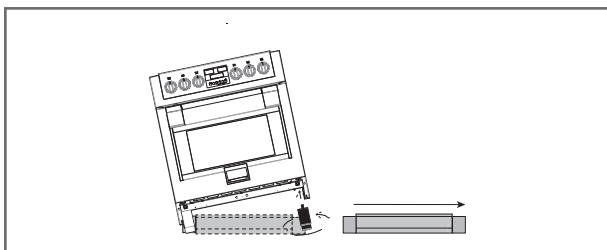
Step 4

With the foam base still in place, tilt the range laterally and screw in the first pair of legs.



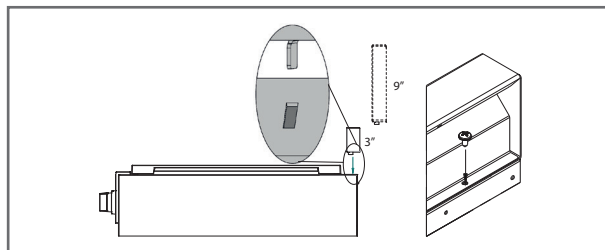
Step 5

Pull out the hand-truck, tilt the range laterally and insert the second pair of legs. Remove the base



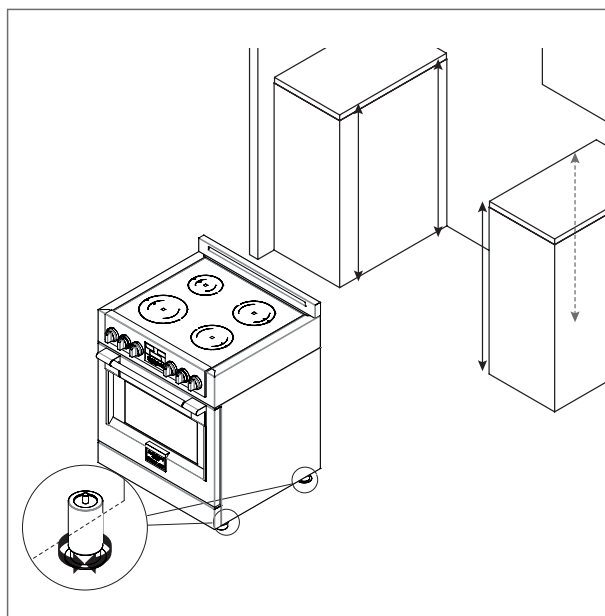
Step 6

Install the backsplash (if provided) by the three screws on the back and the toe kick



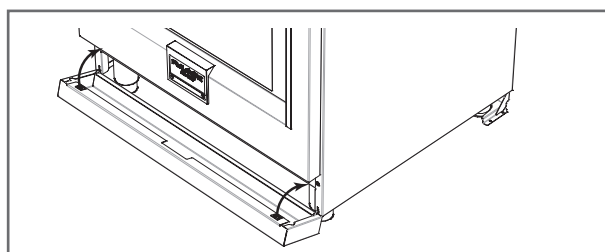
Step 7

After the electrical and gas connections (see both paragraphs for instructions) measure the four corners in cutout area to verify if flooring is level. Adjust the leveling legs to the desired height and ensure range is level. Turn the bottom section of each leg counter-clockwise to raise the leg and clock wise to lower it. Ensure floor is protected. Slide unit into place making sure to engage the anti-tip bracket.



Step 8

Push toe-kick against the range until clip snaps to
NOTE: Be sure the toe-kick snaps securely.



Electrical supply

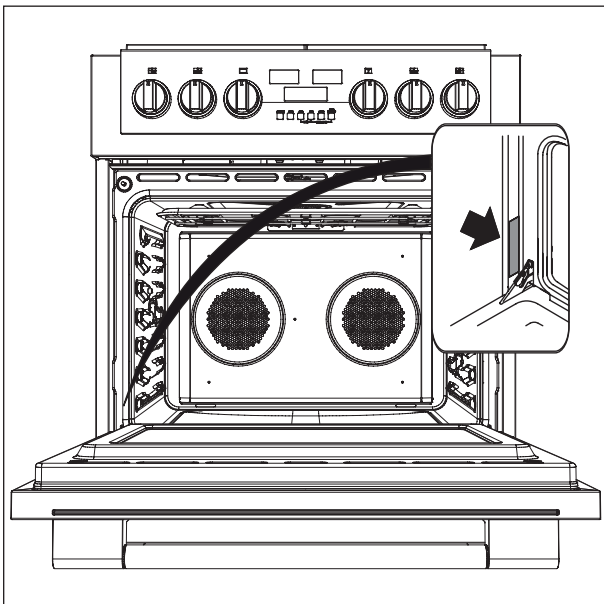
Before installing the oven have a qualified electrician verify that your home is provided with adequate electrical service and that the addition of the oven will not overload the branch circuit on which it is to be installed.

Be sure your appliance is properly installed and grounded by a qualified technician. Ask your dealer to recommend a qualified technician or an authorized repair service.

This appliance is manufactured with a green GROUND wire connected to the oven chassis Junction Box or Wall Receptacle Location.

Suggested location of the junction box or wall receptacle is showed in "Cutout requirements" Figure.

Location of rating plate



Your local codes and ordinances, of course, take precedence over these instructions. Complete electrical connections according to local codes and ordinances.

A UL listed conduit connector must be provided at each end of the power supply conduit (at the range and at the junction box).

- Wire sizes and connections must conform with the rating of the range.

In the United States:

Be sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/ NFPA 70-latest edition and all local codes and ordinances.

In Canada:

Be sure that the electrical connection and wire size are adequate and in conformance with CSA Standard C22.1, Canadian Electrical Code, Part 1 - latest edition, and all local codes and ordinances.

"WARNING" Risk of Electric Shock, frame grounded to neutral of appliance through a link.

Grounding through the neutral conductor is prohibited for new branch-circuit installations (1996 NEC); mobile homes; and recreational vehicles, or in an area where local codes prohibit grounding through the neutral conductor. For installations where grounding through the neutral conductor is prohibited:

- Disconnect the ground from the neutral at free end of conduit;
- Use grounding terminal or lead to ground unit; and
- Connect neutral terminal or lead to branch circuit neutral in usual manner.

A 3-wire* or 4-wire single phase 120/240 or 120/208 Volt, 60 Hz AC only electrical supply is required on a separate circuit fused on both sides of the line (time-delay fuse or circuit breaker is recommended). DO NOT fuse neutral.

NOTE: FOR USE WITH 208 V, 60 HZ SUPPLY VOLTAGE, SEE CONNECTING TO 208 VOLT CIRCUIT.

**ELECTRICAL REQUIREMENTS
30" OVEN RANGE**

Electrical Supply	120-240V or 120-208V, 60 Hz
Service	50 amp dedicated circuit
Total Amps	120/240V 45.8 Amps 120/208V 48.5 Amps
Max Connected Load	120/240V 11.00 kW 120/208V 10.00 kW
Min Supply Wire	L1, L2, ground—8 AWG Neutral—10 AWG

**WARNING****ELECTRICAL SHOCK HAZARD**

- The electrical power to the appliance branch circuit must be shut off while line connections are being made.
- Do not use an extension cord with this appliance.
- Electrical ground is required on this appliance. The free end of the green wire (the ground wire) must be connected to a suitable ground. This wire must remain grounded to the appliance.
- If cold water pipe is interrupted by plastic, non metallic gaskets, union connections or other insulating materials, DO NOT use for grounding.
- DO NOT ground to a gas pipe.
- DO NOT have a fuse in the NEUTRAL or GROUNDING circuit. A fuse in the NEUTRAL or GROUNDING circuit could result in an electrical shock.
- Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.
- Failure to follow these instructions could result in serious injury or death.

**CAUTION**

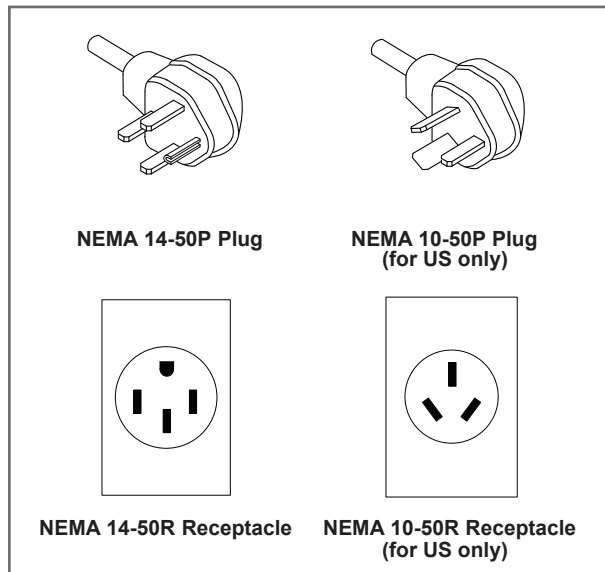
Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be done by a qualified technician. This may reduce the risk of personal injury and damage to the appliance.

Never modify or alter the construction of the appliance by removing panels, wire covers, screws, or any other part of the product.

Electrical connections

Factory Connected Power Supply Cord

Your range is equipped with a factory-connected power cord. 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.



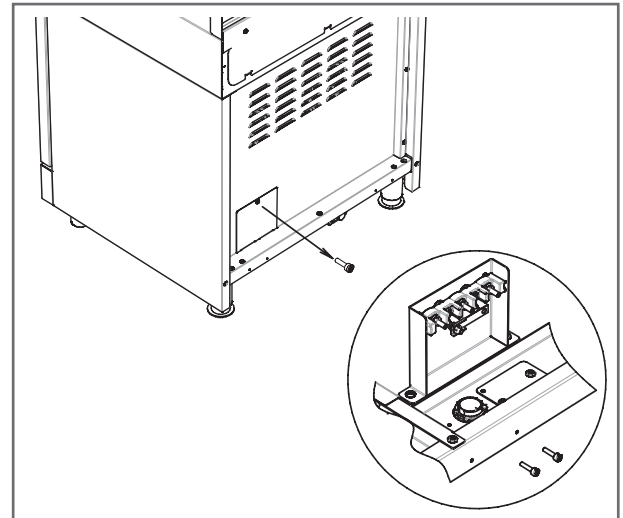
Power Supply Cord Kit or Flexible Conduit (for US only)

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), or by means of a power supply cord kit. Use only a power supply cord kit rated at 125/250 volts minimum and marked for use with ranges. Cord must have either 3 or 4 conductors. Terminals on end of wires must either be closed loop or open-end spade lugs with upturned ends.

Use a power supply cord kit rated at minimum 50A that is marked for use with nominal 1-3/8 in (34.93 mm) diameter connection openings.

- 1) Disconnect power.
- 2) Remove the terminal block cover screws located on the back of the range.

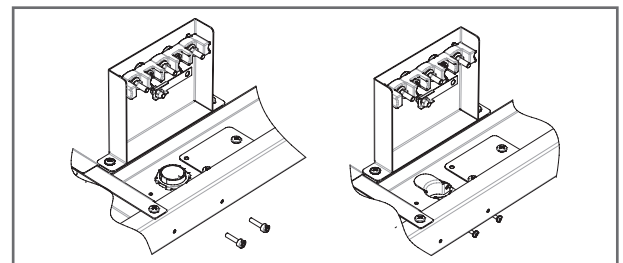


- 3) Add strain relief if not provided.

NOTE: If necessary remove the knockout to insert the strain relief.

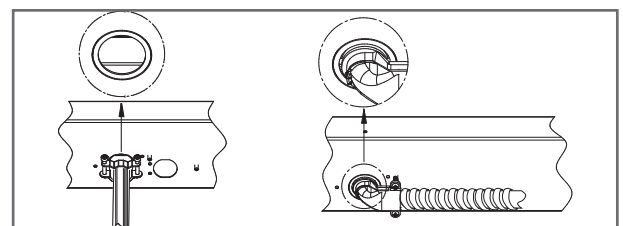
Power supply cord strain relief

- Assemble a UL listed strain relief in the opening.



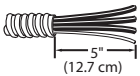
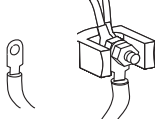
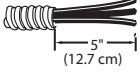
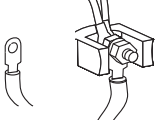
UL listed strain relief.

- Feed the power supply cord or flexible conduit through the strain relief in the cord/conduit plate on bottom of range. Allow enough slack to easily attach the wiring to the terminal block.
- Tighten strain relief screw against the power supply cord or flexible conduit.



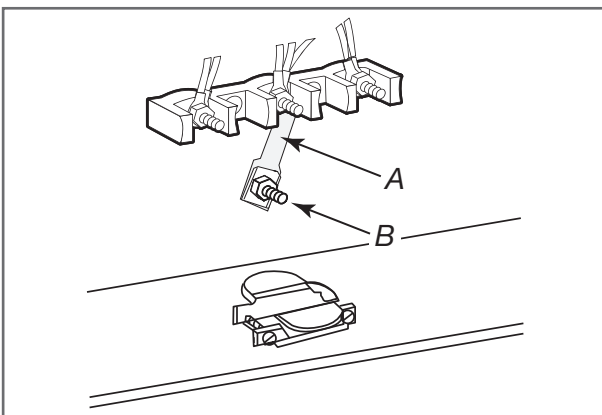
4) Complete installation following instructions for your type of electrical connection:

- 4-wire (recommended)
- 3-wire (if 4-wire is not available)

Electrical Connection Options		
If your home has:	And you will be connecting to:	Connection type:
4-wire receptacle (NEMA type 14-50R) 	A UL listed, 250-volt minimum, 30-amp, range power supply cord	
4-wire direct 	A fused disconnect or circuit breaker box	
3-wire receptacle (NEMA type 10-50R) 	A UL listed, 250-volt minimum, 30-amp, range power supply cord	
3-wire direct 	A fused disconnect or circuit breaker box	

4-wire connection

Part of metal ground strap must be removed.



- A. Metal ground strap
- B. Ground-link screw

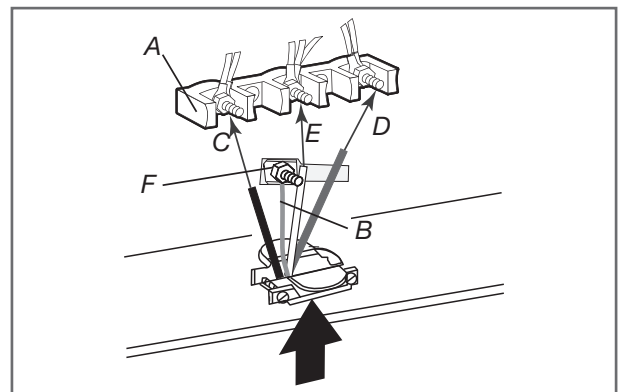
1) Use Phillips screwdriver to remove the ground-link screw from the back of the range. Save the

ground-link screw and the end of the ground link under the screw.

- 2) Feed the power supply cord through the strain relief in the cord/conduit plate on bottom of range. Allow enough slack to easily attach the wiring to the terminal block.
- 3) Use Phillips screwdriver to connect the green ground wire from the power supply cord to the range with the ground-link screw. The ground wire must be attached first.
- 4) Use 3/8" nut driver to connect the neutral (white) wire to the center terminal block post with one of the 10-32 hex nuts.

(Refer to the "Electric Connection Options" table to see the appropriate connection type)

- 5) Connect line 1 (black) and line 2 (red) wires to the outer terminal block posts with 10-32 hex nuts.
- 6) Securely tighten hex nuts.
- 7) Replace terminal block access cover.



- A. Terminal block
- B. Bare or Green wire
- C. L1 Black wire
- D. L2 Red wire
- E. Neutral White wire
- F. Ground Link screw

3-wire connection

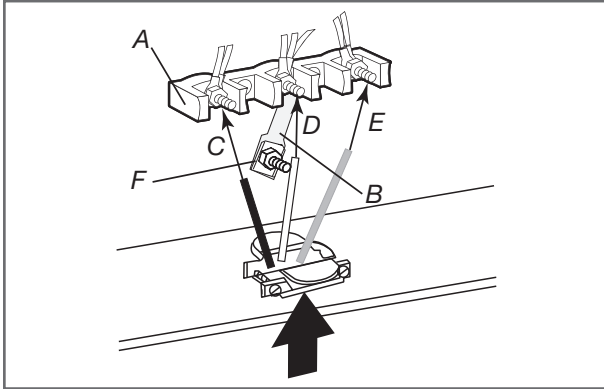
Use this method only if local codes permit connecting chassis ground conductor to neutral wire of power supply cord.

- 1) Feed the power supply cord through the strain relief in the cord/conduit plate on bottom of range. Allow enough slack to easily attach the wiring to the terminal block.
- 2) Use 3/8 nut driver to connect the neutral (white) wire to the center terminal block post with one of the 10-32 hex nuts.

(Refer to the "Electric Connection Options" table

to see the appropriate connection type)

- 3) Connect line 1 (black) and line 2 (red) wires to the outer terminal block posts with 10-32 hex nuts.
- 4) Securely tighten hex nuts.
- 5) Replace terminal block access cover.



- A. Terminal block
- B. ground strap
- C. L1 Black wire
- D. L2 Red wire
- E. Neutral White wire
- F. Ground Link screw

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 non metallic sheathed copper cable (with grounding wire).

3-WIRE BRANCH CIRCUIT (for US only)

Refer to Figure A:

where local codes allow the connection of GROUND wire from the range to the branch circuit NEUTRAL wire (gray or white colored wire):

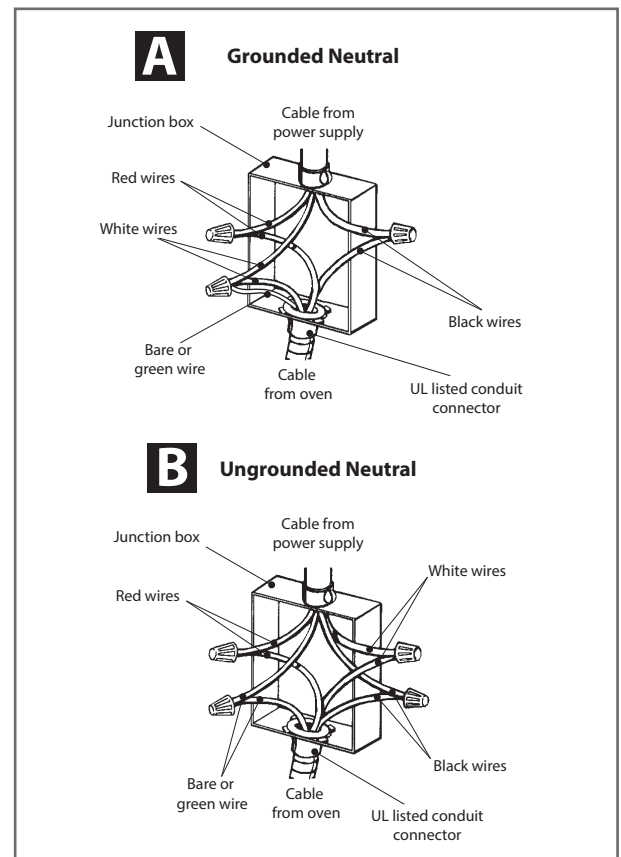
- If local codes permit, connect the green GROUND wire from the range and the white wire from the oven to the branch circuit NEUTRAL wire (gray or white colored wire).
- Connect the red and black leads from the range to the corresponding leads in the junction box.

4-WIRE BRANCH CIRCUIT (for US only)

Refer to Figure B:

- Disconnect ground from neutral at free end of conduit.
- Connect the green GROUND wire from the range to the GROUND wire in the junction box (bare or green colored wire).
- Connect the red and black leads from the range to the corresponding leads in the junction box.
- Connect the white wire from the range to the NEUTRAL (gray or white) wire in the junction box.

DO NOT ground to a gas supply pipe. DO NOT connect to electrical power supply until appliance is permanently grounded. Connect the ground wire before turning on the power.



Final checklist

To prevent improper connections leading to damage of electrical components and so voiding the warranty, the following steps must be performed:

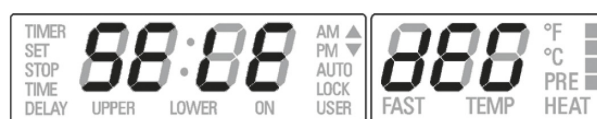
1. Check the electrical requirements and make sure you have the correct electrical supply and that the range is properly grounded.
2. Turn on the power supply to the range.
3. Check power at the junction box wires using a voltmeter having a range of 0-250 VAC. If you have installed the oven for use on 240 Volt supply, you should find that the voltage reading between the black and red wires (Line to Line) should be 220 to 240 Volts. If you have modified the range(s) for use on 208 Volt, the voltage reading between the black and red wires should be 190 to 208 Volts.
4. Set the clock by following these steps:
 - Press [TIME] key twice until the display shows "SET TIME".
 - Immediately press [INC] or [DEC] keys to set hours.
 - Press [TIME] key again to change minutes.
 - Immediately press [INC] or [DEC] keys to set minutes, hold to change by ten (10) minutes step.
 - Press [TIME] key or wait for a few seconds.
 Clock is now set.
5. Test the bake mode by following this step:
 - Move cooking mode knob to "BAKE" position.
 - Cooling fan, oven lights, preheat led will turn on.
 - A beep is sounded when the oven reaches the preset 350 °F (175 °C) and the preheat light turn off.
 - Move the knob back to "OFF" position to stop cooking.
6. To check the other oven functions refer to the "Using the Oven Controls" section of the USE AND CARE MANUAL.
7. If the oven is working properly, turn off the power supply to the oven.
8. Place the cover on the junction box and make sure the cover is securely fastened and turn on the power to the oven.

Leave these INSTALLATION instructions as well as the USE AND CARE MANUAL with the owner.

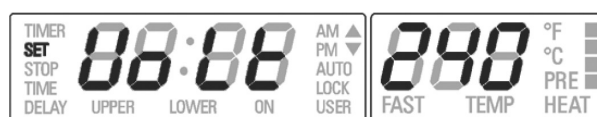
CONNECTING TO 208 VOLT CIRCUIT

This option is provided for areas where standard 240 Volt service is not available. This option must be accessed with the appliance connected to power source, and using the following sequence:

1. Within five minutes from power up, hold [OPTIONS] and [TIME] keys for 3 seconds to enter the user option menu. The display shows as follows:



2. Hold then [TIME] and [LIGHT] keys until the display becomes dark.
3. Hold [OPTIONS] and [LIGHT] further, until the time display shows "Volt" and temperature module shows "240" blinking, waiting for an input.



4. Using [INC] or [DEC] keys, the control toggles between 240V and 208V options. Hold "OPTIONS" to confirm.
5. Hold [TIME] and [LIGHT] keys in order to quit the selection.
6. Hold [OPTIONS] key for 3 seconds to quit the user option menu.

The voltage setting is stored and kept even after a long power-off.

