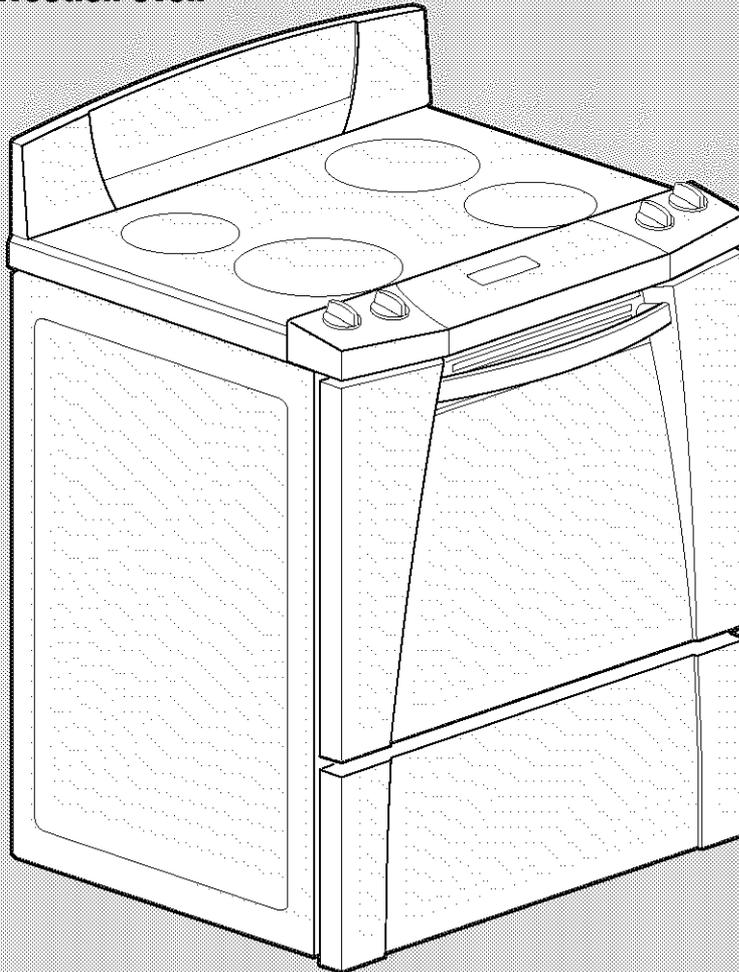


Installation Instructions

30" (76.2 cm) Electric Freestanding Range

with self-cleaning, convection oven



WARNING



Tip Over Hazard

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

Connect anti-tip bracket to rear range foot.

Reconnect the anti-tip bracket, if the range is moved.

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

IMPORTANT: Read and save these instructions.

IMPORTANT:

Installer: Leave Installation Instructions with the homeowner.

Homeowner: Keep Installation Instructions for future reference. Save Installation Instructions for local electrical inspector's use.

www.whirlpool.com

Write down the model and serial numbers before installing range.

Both numbers are on the model/serial rating plate, located on the oven frame behind the door.

Model # _____

Serial # _____

Part No. 9755129

Before you start...

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING". These words mean:

DANGER

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

WARNING

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

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

Important: Observe all governing codes and ordinances.

When installing a range under existing cabinets and the installation does not meet the minimum cabinet clearances, install a range hood above the cooktop to avoid burn hazards.

Grounded electrical outlet is required. See "Electrical requirements," Panel B.

Cabinet opening dimensions that are shown must be used. Given dimensions are minimum clearances.

Do Not pinch the power supply cord between the range and the wall.

Do Not seal range to side cabinets.

Read electrical and carpentry instructions.

Proper installation is your responsibility. A qualified technician must install this range. Make sure you have everything necessary for correct installation. It is the customer's responsibility to make sure that the countertop has been properly prepared and that the installation clearances specified on the model/serial rating plate are met. The model/serial rating plate is located on the oven frame behind the drawer.

Check location where range will be installed. The range should be located for convenient use in the kitchen. Recessed installations must provide complete enclosure of the sides and rear of range.

ALL OPENINGS IN THE WALL OR FLOOR WHERE RANGE IS TO BE INSTALLED MUST BE SEALED.

IMPORTANT: Some cabinet and building materials are not designed to withstand the heat produced by the oven for baking and self-cleaning. Check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage.

It is the customer's responsibility:

To contact a qualified electrical installer.

To assure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 — latest edition*, or CSA Standard C22.1, Canadian Electrical Code, Part 1 — latest edition, and all local codes and ordinances.**

Note: The metal chassis of the range MUST be grounded in order for the control panel to work. If the metal chassis of the range is not grounded, NO keypads will operate. Check with a qualified electrician if you are in doubt as to whether the metal chassis of range is grounded.

Mobile home installation

The installation of this range 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 Homes Installations (Manufactured Home Sites, Communities and Setups), ANSI A225.1/NFPA 501A, or with local codes*.

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

When this range is installed in a mobile home, it must be secured to the floor during transit. Any method of securing the range is adequate as long as it conforms to the standards listed above.

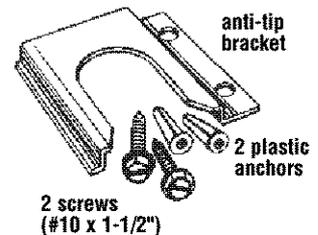
Four-wire power supply cable must be used in a mobile home installation. The appliance wiring will need to be revised. See four-wire electrical connection, Page ?.

Copies of the standards listed may be obtained from:

* National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269

** CSA International
8501 East Pleasant Valley Road
Cleveland, Ohio 44131-5575

Parts supplied for installation:



(Bracket must be securely mounted to sub-floor. Thickness of flooring may require longer screws to anchor the bracket to sub-floor.)

Tools needed for installation:



ruler or tape measure



pencil



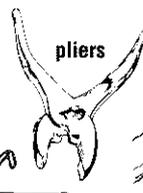
flat-blade screwdriver



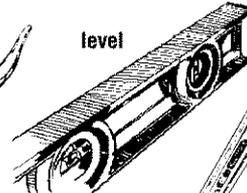
Phillips screwdriver



3/8" ratchet



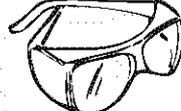
pliers



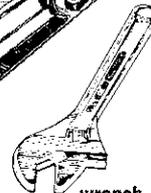
level



gloves



safety glasses

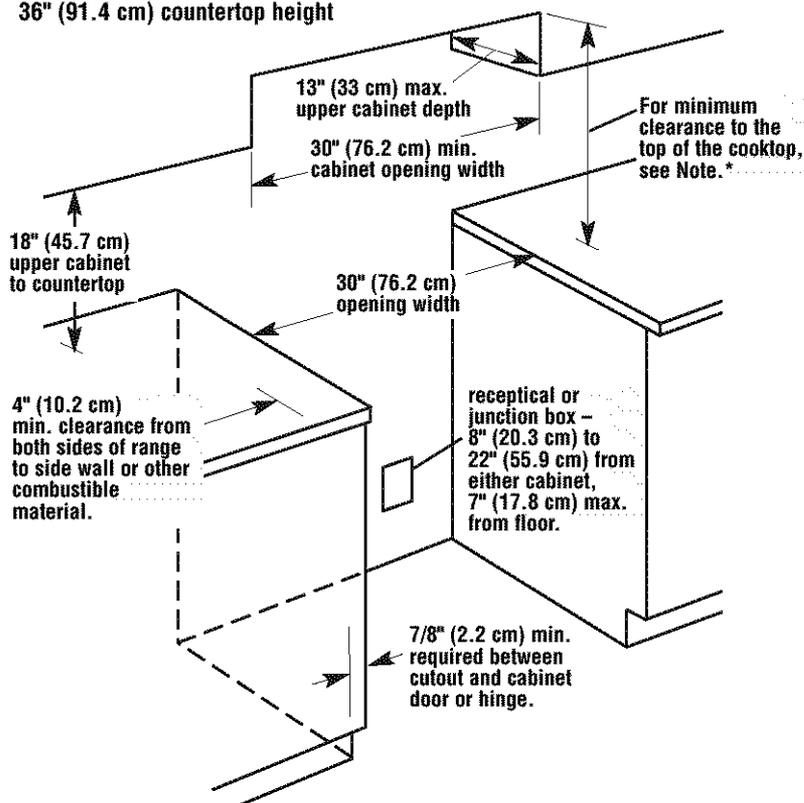


wrench

hand or electric drill
• wood floor: 1/8" drill bit
• concrete/ceramic floor:
3/16" carbide-tipped masonry drill bit

Cutout dimensions/requirements

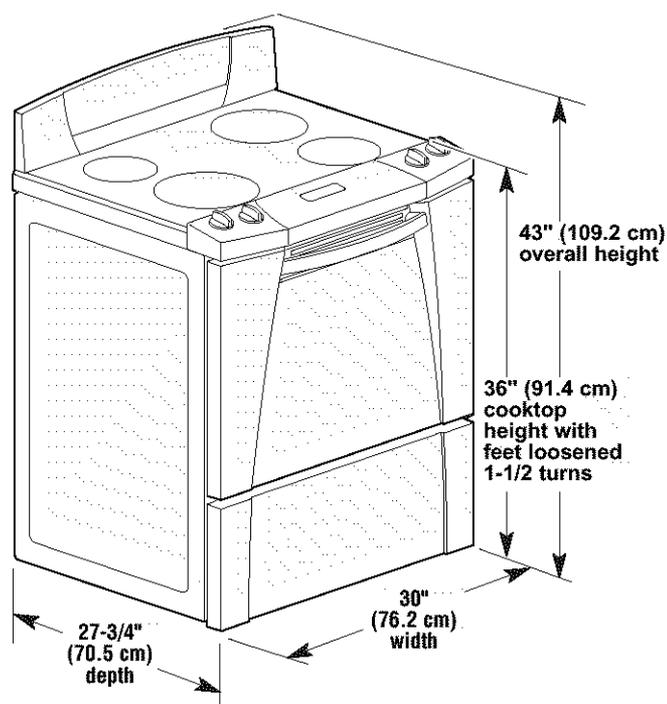
25" (63.5 cm) countertop depth and
24" (61 cm) base cabinet depth,
36" (91.4 cm) countertop height



* Note: 24" (61 cm) min. when bottom of wood or metal cabinet is protected by not less than 1/4" (0.64 cm) flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" (0.4 mm) stainless steel, 0.024" (0.6 mm) aluminum or 0.020" (0.5 mm) copper.

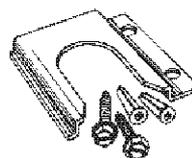
30" (76.2 cm) min. clearance between the top of the cooking platform and the bottom of an unprotected wood or metal cabinet.

Product dimensions



When installed in a 24" (61 cm) base cabinet with 25" (63.5 cm) countertop — front of oven door protrudes 1-7/8" (4.8 cm) beyond 24" (61 cm) base cabinet.

Anti-tip bracket:



The floor anti-tip bracket **MUST** be installed. To install the anti-tip bracket shipped with the range, see Page 7 and the anti-tip bracket template.

Electrical requirements

WARNING



Electrical Shock Hazard
Electrically ground range.
Failure to follow these instructions can result in death, fire, or electrical shock.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

Do Not ground to a gas pipe.

Check with a qualified electrician if you are not sure range is grounded.

Do Not have a fuse in the neutral or ground circuit.

A. When a four-wire or three-wire, single-phase, 120/240-volt, 60-Hz, AC-only, electrical supply is available, a 50-ampere maximum circuit protection is required, (or, if specified on the model/serial rating plate, when a four-wire or three-wire, single-phase 120/208-volt, 60 Hz, AC-only electrical supply is available, a 40-ampere maximum circuit protection is required), fused on both sides of the line. A time-

delay fuse or circuit breaker is recommended. The model/serial rating plate is located on the oven frame behind the drawer.

B. Wire sizes and connections must conform to the requirements of the National Electrical Code, ANSI/NFPA 70 — latest edition* or CSA Standard C22.1, Canadian Electrical Code, Part 1 — latest edition** and all local codes and ordinances for the kilowatt rating of the range.

Copies of the standards listed may be obtained from:

* National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269

** CSA International
8501 East Pleasant Valley Road
Cleveland, Ohio 44131-5575

C. This range can be connected directly to the fused disconnect or circuit breaker box through flexible, armored or non-metallic sheathed, copper cable (with ground wire). Locate the junction box to allow two to three feet of slack in the line so that the range can be moved if servicing is ever necessary. Do Not cut the conduit.

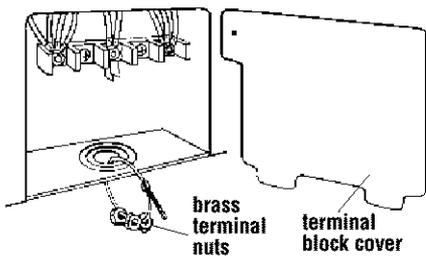
A U.L.-listed conduit connector **must** be provided at each end of the power supply cable (at the range and at the junction box). Wires sizes (COPPER WIRE ONLY) and connections must conform with the rating of the range.

Electrical connection

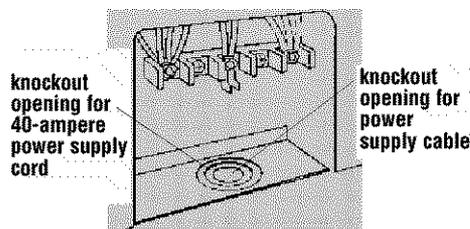
(Not used for Canadian installations)

This range can be connected directly to the fused disconnect (or circuit breaker box) through flexible, armored or non-metallic sheathed, copper cable (with grounding wire.) Allow two to three feet of slack in the line so that it can be moved if servicing is ever necessary.

A U.L.-listed conduit connector **must** be provided at each end of the power supply cable (at the range and at the junction box).



Remove the terminal block cover located on the back of range.

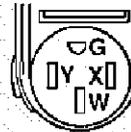


Depending on your electrical supply, make the four-wire or three-wire connection to the range following the "Power supply cord method" or "Direct wire method" instructions.

If connecting to a four-wire electrical system...

This range is manufactured with the ground connected to the cabinet. The ground must be revised so the green grounding wire of the four-wire power supply cord is connected to the cabinet. See "Four-wire electrical connection" section.

When a four-wire receptacle of NEMA Type 14-50R is used, a matching U.L.-listed, four-wire, 250-volt, 40-ampere, range power supply cord (pigtail) must be used. This cord contains four copper conductors with ring terminals at the appliance end, terminated in a NEMA Type 14-50P plug on the supply end. The fourth (grounding) conductor must be identified by a green or green/yellow cover and the neutral conductor by a white cover. Cord should be Type SRD or SRDT with a U.L.-listed strain relief and be at least four feet long.



4-wire wall receptacle (14-50R)

The MINIMUM conductor sizes for the copper four-wire power cord are:

- 40-ampere circuit
- 2, No.-8 conductors
- 1, No.-10 white neutral
- 1, No.-8 green grounding

If connecting to a three-wire electrical system...

Local codes may permit the use of a U.L.-listed, 250-volt, 40-ampere range power supply cord (pigtail). This cord contains three, No.-10 copper wires and matches a three-wire receptacle of NEMA Type 10-50R. Connectors on the appliance end must be provided at the point the power supply cord enters the appliance.



3-wire wall receptacle (10-50R)

Power supply cord method

⚠ WARNING

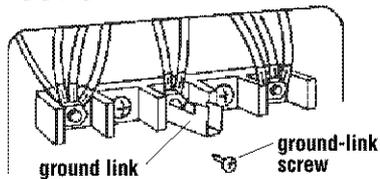


Electrical Shock Hazard
Turn power supply off before connecting wires.
Electrically ground range.
Failure to follow these instructions can result in death, fire, or electrical shock.

WARNING - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the power supply cord plug. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

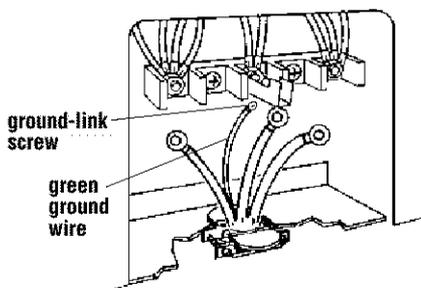
1. Disconnect the power supply.
2. Remove the knockout for the 40-ampere power supply cord.
3. Assemble a U.L.-listed strain relief in the opening.
4. Insert the power supply cord through the strain relief, allowing enough slack to easily attach the wiring to the terminal block.
5. Use only ring-type terminals to connect the power supply. To secure the power supply cord, use the 3/8" brass nuts attached to the knockout opening. Be sure nuts are installed tight.
6. Complete electrical connection according to your type electrical supply ("Four-wire electrical connection" or "Three-wire electrical connection").

Four-wire electrical connection:

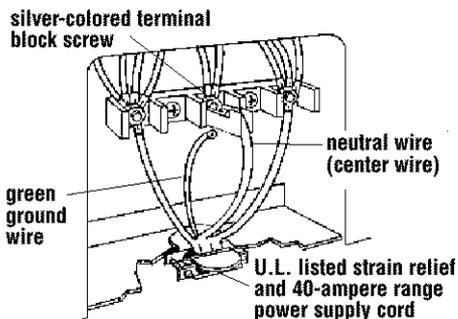


Use this method for mobile homes and whenever four-wire installation is required.

- Remove the ground-link screw from the range frame. Save the ground-link screw. Bend up the ground link so that it does not contact the range.

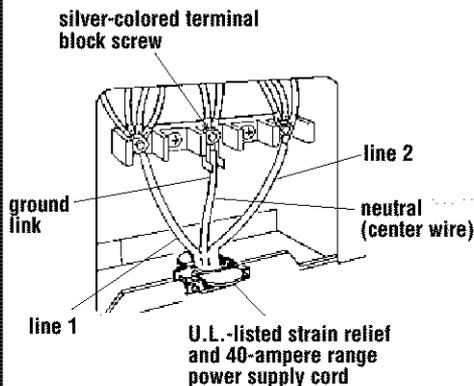


- Connect the green ground wire from power supply cord to the range using the ground-link screw. The ground wire must be attached first and must not contact any other terminal.



- Connect the neutral (center) wire to the center, silver-colored terminal screw on the terminal block using the brass nuts that are attached to the terminal block cover.
- Connect the other two wires to the outer terminals on the terminal block.
- Do Not loosen the factory installed nuts already on the terminal. Tighten nuts with 3/8" nut driver for proper electrical connection.
- Tighten the strain relief screws.
- Replace the terminal block cover.

Three-wire electrical connection:



Use this method **ONLY** if local codes **PERMIT** connecting cabinet-ground conductor to neutral wire of power supply cord.

- Use the brass terminal nuts attached to the terminal block cover to connect the neutral wire (center wire) to the silver-colored terminal screw on the terminal block.
- Connect the other two wires to outer terminal screws on the terminal block.
- Do Not loosen factory-installed nuts already on the terminal.** Tighten nuts with 3/8" nut driver for proper electrical connection.
- Tighten the strain relief screws.
- Reinstall the terminal block cover.

Direct wire method

! WARNING



Electrical Shock Hazard
Turn power supply off before connecting wires.
Electrically ground range.
Failure to follow these instructions can result in death, fire, or electrical shock.

This range must be connected to a grounded, metallic, permanent wiring system, or a ground connector should be connected to the ground terminal or wire lead on the range.

CONNECTION AT CONNECTION BLOCK MUST BE COPPER WIRE ONLY.

If the house has aluminum wiring, follow the procedure below:

- Connect a section of 8-gauge, solid copper wire to the connector block.
- Connect the aluminum wiring to the added section of copper wire using special connectors designed and Underwriters Laboratories-listed for joining copper to aluminum. Follow the electrical connector manufacturer's recommended procedure.
- Aluminum/copper connection must conform with local codes and industry-accepted wiring practice.

- Disconnect the power supply.**

- Remove the knockout for the power supply cable.

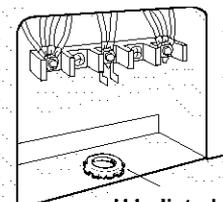
- Assemble a U.L.-listed conduit connector in the power supply cable opening.

- Strip outer covering back 3 inches from end, exposing the wires. Strip the insulation back 1 inch from the end of each wire.

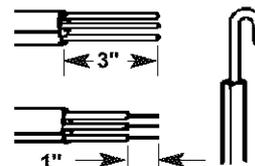
- Form the bare wire into a "U" shaped hook.

- Insert the power supply cable through the conduit connector, allowing enough slack to easily attach the wiring terminal block.

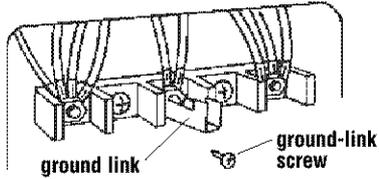
- Complete electrical connection according to your type electrical supply ("Four-wire electrical connection" or "Three-wire electrical connection").



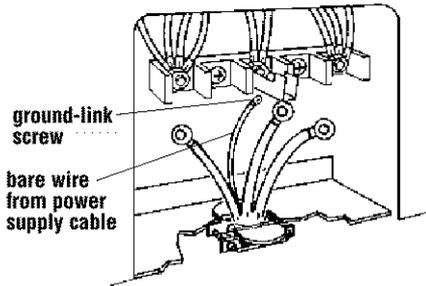
U.L.-listed conduit connector.



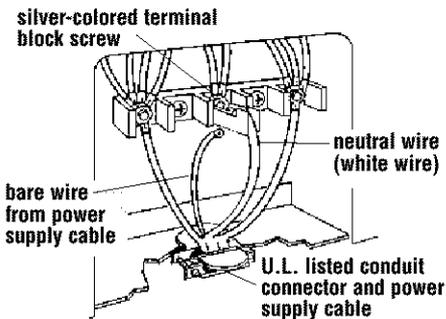
Four-wire electrical connection:



8. Remove the ground-link screw from the range frame. Save the ground-link screw. Bend up the ground link so that it does not contact the range.

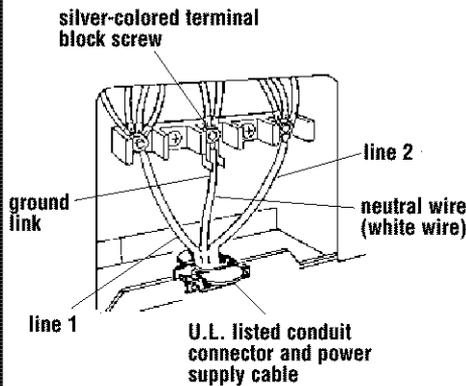


9. Connect the green ground wire from power supply cord to the range using the ground-link screw. **The ground wire must be attached first and must not contact any other terminal.**



10. Connect the neutral wire (white wire) to the center, silver-colored terminal screw on the terminal block using the brass nuts that are attached to the terminal block cover.
11. Connect the other two wires to the outer terminals on the terminal block.
12. Do Not loosen the factory installed nuts already on the terminal. Tighten nuts with 3/8" nut driver for proper electrical connection.
13. Tighten the locking ring and clamping screws of the conduit connector.
14. Replace the terminal block cover.

Three-wire electrical connection:



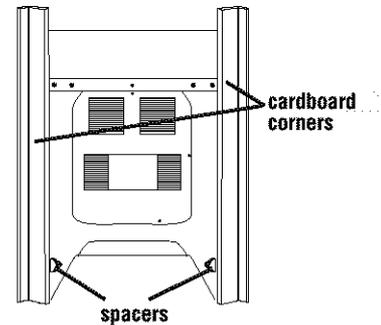
Use this method **ONLY** if local codes **PERMIT** connecting cabinet-ground conductor to neutral wire of power supply cable.

7. Use the brass terminal nuts attached to the knockout opening to connect the neutral wire (white wire) to the silver-colored terminal screw on the terminal block.
8. Connect the other two wires to outer terminal screws on the terminal block.
9. **Do Not loosen factory-installed nuts already on the terminal.** Tighten nuts with 3/8" nut driver for proper electrical connection.
10. Tighten the locking ring and clamping screws of the conduit connector.
11. Reinstall the terminal block cover.

Now start...

With range in kitchen.

- 1.** Put on safety glasses and gloves. Remove shipping materials, tape and protective film from range. Keep cardboard bottom and shipping base under range. Remove oven racks and parts package from inside oven.



- 2.** Take 4 cardboard corners from the carton. Stack one cardboard corner on top of another. Repeat with the other two corners. Place corners lengthwise on the floor in back of range so corners will support outer side edges of range as shown.

! WARNING

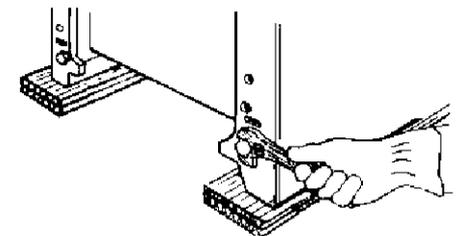
Excessive Weight Hazard

Use two or more people to move and install range.

Failure to do so can result in back or other injury.

- 3.** Firmly grasp the range and gently lay it on its back on the cardboard corners.

- 4.** Pull cardboard bottom and shipping base firmly to remove.



- 5.** Use an adjustable wrench to loosen the leveling legs 1-1/2 turns.

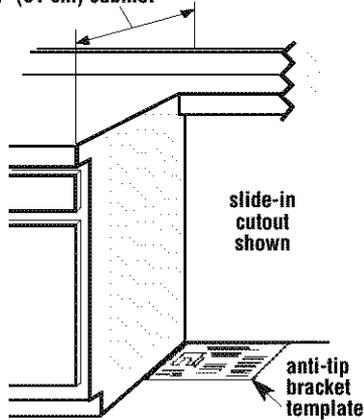
- 6.** Place cardboard or hardboard in front of range. Stand range back up onto cardboard or hardboard.

WARNING

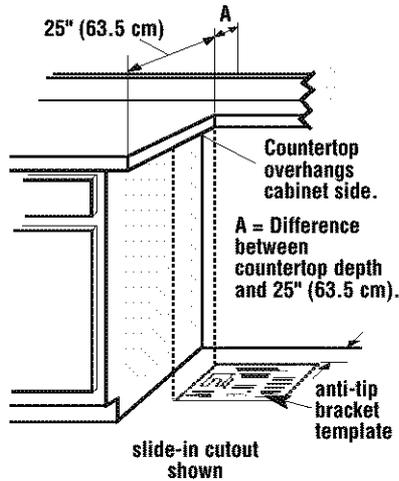


Tip Over Hazard
A child or adult can tip the range and be killed.
Connect anti-tip bracket to rear range foot.
Reconnect the anti-tip bracket, if the range is moved.
Failure to follow these instructions can result in death or serious burns to children and adults.

25" (63.5 cm) countertop over 24" (61 cm) cabinet



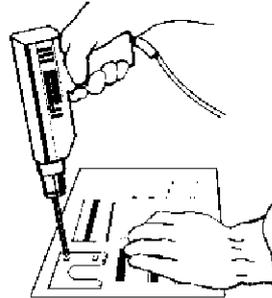
- 7.** Place the anti-tip bracket template on the floor in the cabinet opening so that the left edge is against cabinets and the top edge is against the rear wall, molding or cabinet. If countertop opening is deeper than 25 inches (63.5 cm), measure and mark a distance 25 inches (63.5 cm) in from front of **countertop opening** and align template with mark (or subtract 25 inches (63.5 cm) from countertop depth and add the difference to the 2-1/4-inch (5.7 cm) dimension).



If countertop is not flush to the side of cabinet opening, align the left side of the template to allow for the countertop overhang. Tape the range anti-tip bracket template in place.

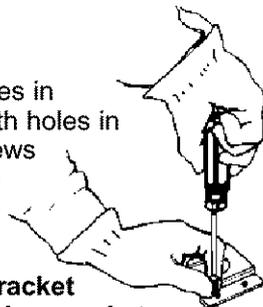
Contact a qualified floor covering installer for the best procedure of drilling mounting holes through your type of floor covering. Before moving, slide range onto cardboard or hardboard.

- 8.** To mount anti-tip bracket to wood floor, use the anti-tip bracket template to mark where to drill mounting holes. Use a drill with a 1/8" (0.3 cm) drill bit to drill the two holes. Remove template from floor.



To mount anti-tip bracket to concrete or ceramic floor, use the anti-tip bracket template to mark where to drill mounting holes. Use a drill with a 3/16" (0.48 cm) masonry drill bit to drill the two holes. Remove template from floor. Tap plastic anchors into mounting holes in floor with hammer.

- 9.** Line up holes in anti-tip bracket with holes in floor. Use the screws provided to fasten anti-tip bracket to floor.



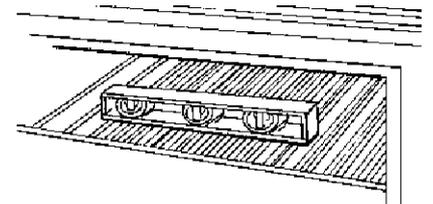
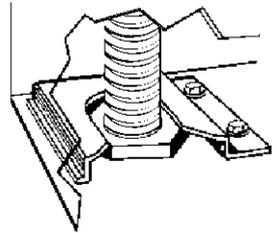
NOTE: Anti-tip bracket must be mounted securely to the sub floor. Depending on the thickness of your flooring, longer screws

may be necessary to anchor the bracket to the sub floor. Longer screws are available from your local hardware store.

- 10.** Move range close to cabinet opening. Make electrical connection. See "Electrical requirements" and "Electrical connection," Panel B, for details. "8888" should appear in the clock display. Refer to Use and Care Guide for information on electronic controls.

- 11.** Remove cardboard or hardboard from under range. Carefully move range into final position.

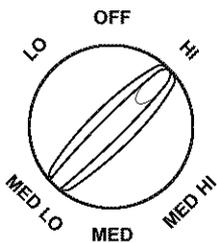
- 12.** The left rear leveling leg must be engaged in the anti-tip bracket. If leveling leg is not properly engaged, remove and reposition the anti-tip bracket to insure that the leveling leg fits properly in the anti-tip bracket.



- 13.** Place rack in oven. Place level on rack, first side to side; then front to back. If the range is not level, pull range forward until the rear leveling leg is removed from the anti-tip bracket. Adjust the leveling legs up or down. Then slide range back into position. Check that leveling leg is engaged in anti-tip bracket.

NOTE: Oven must be level for satisfactory baking conditions.

14. Push in and turn each surface unit control knob to "HI" position. Check the operation of the cooktop elements and indicator lights.



15. Check the operation of the oven element. Press the "BAKE" pad. "350°F" will appear in the temperature display. Press the "START" pad. "Lo" will appear in the display; then "170°F" (when oven reaches 170°F).

The bottom element should glow red and the indicator light should be on. The upper element should become hot but not glow red. As the oven temperature rises, the temperature in the display will increase in 5°F increments until the oven reaches the set temperature. Press "CANCEL/OFF" pad.

16. Check the operation of the broil element. Close the oven door. Press the "BROIL" pad. "500°F" will appear in the temperature display. Press the "START" pad.

Look through the oven window. The top element should glow red. Press the "CANCEL/OFF" pad.

To get the most efficient use from your new electric range, read your Use and Care Guide. Keep Installation Instructions and Use and Care Guide close to the electric range for easy reference.

For cleaning and maintenance...

If removing the range is necessary for cleaning or maintenance, disconnect the electric supply.

If electrical supply is inaccessible, lift the range slightly at the front and pull the range away from the wall. Pull the range out only as far as necessary to disconnect the electrical supply line.

Remove the range to complete cleaning or maintenance.

Move range back into operating position. Remove drawer. Level the range. Reconnect the electrical supply. Make sure that left rear leveling leg is engaged in the anti-tip bracket.

If range does not operate:

- Check that the circuit breaker is not tripped or the house fuse blown.
- Check that the power supply cord is plugged into the outlet (120 V models).
- See Use and Care Guide for troubleshooting list.

Note: Refer to Use and Care Guide for operating and cleaning instructions.

If you need assistance:

If you have questions about operating, cleaning or maintaining your range:

- Refer to **Use and Care Guide**.
- Call the Customer Interaction Center. Check your Use and Care Guide for a toll-free number to call or call the dealer from whom you purchased this appliance. The dealer is listed in the Yellow Pages of your phone directory under "Appliances — Household — Major — Service and Repair."

If you need service:

Maintain the quality built into your range by calling an authorized service company.

To obtain the name and number of the authorized service company:

- Contact the dealer from whom you purchased your range; or
- Look in the Yellow Pages of your telephone directory under "Appliances — Household — Major — Service and Repair;" or
- Call the Customer Interaction Center. The toll-free number is listed in your Use and Care Guide.

When you call, you will need:

- The range model number.
- The range serial number.

Both numbers are listed on the model/serial rating plate located on the oven frame behind the door.