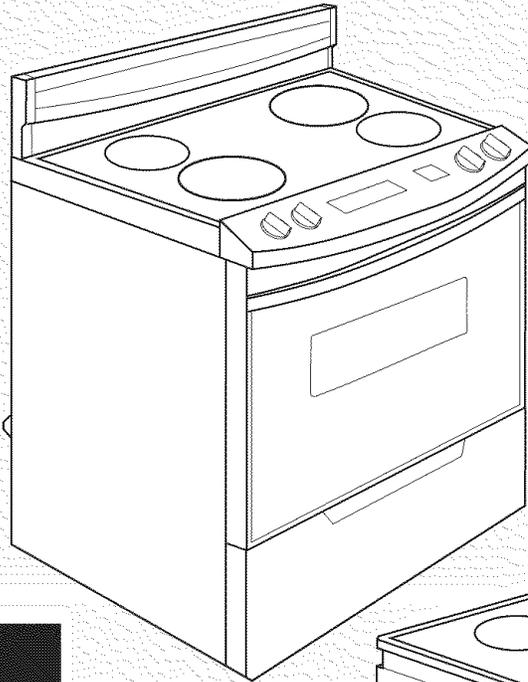




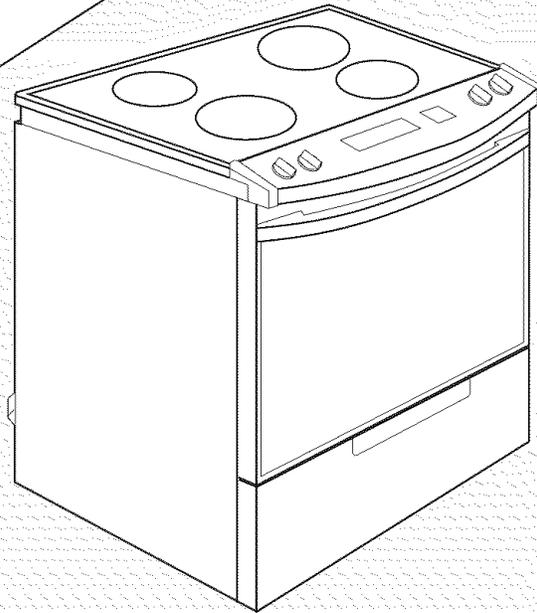
# Installation Instructions

## 30" Electric Range with self-cleaning thermal/convection oven

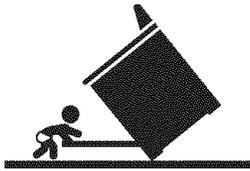
**Freestanding  
Range**



**Slide-in  
Range**



### **⚠ 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.

[www.kitchenaid.com](http://www.kitchenaid.com)

## **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.

Write down the model and serial numbers before installing range.

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

Model # \_\_\_\_\_

Serial # \_\_\_\_\_

## 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.

Earthed/grounded electrical outlet is required.

Cabinet opening dimensions that are shown must be used.

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 frame behind the drawer.

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 5 inches beyond the bottom of the cabinets.

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 earthed/grounded in order for the control panel to work. If the metal chassis of the range is not earthed/grounded, no keypads will operate. Check with a qualified electrician if you are not sure the range is earthed/grounded.

## Mobile home installation

The installation of this range must conform with the Manufactured Home Construction and Safety Standard, 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, 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 cord or cable must be used in a mobile home installation. The appliance wiring will need to be revised.

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, Ohio 44131-5575

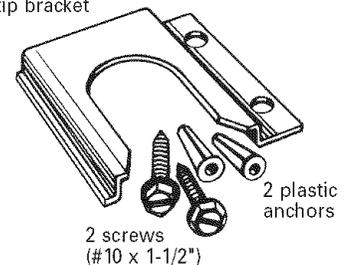
## Tools needed:

Assemble the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

- level
- flat-blade screwdriver
- Phillips screwdriver
- 3/8" drive ratchet
- 3/8" and 5/16" nut drivers
- pliers
- adjustable wrench
- measuring tape or ruler
- hand or electric drill
- wood floors: 1/8" drill bit
- concrete/ceramic floors: 3/16" carbide-tipped masonry drill bit (Hammer may be needed for anchors.)

## Parts supplied:

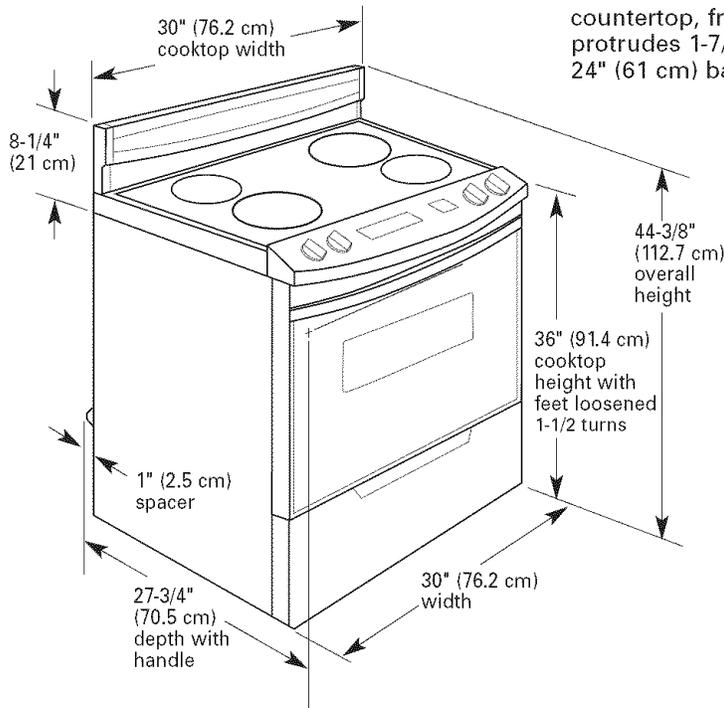
anti-tip bracket



Brackets must be securely mounted to sub-floor. Thickness of flooring may require longer screws to anchor bracket to sub-floor. Longer screws are available from your local hardware store.

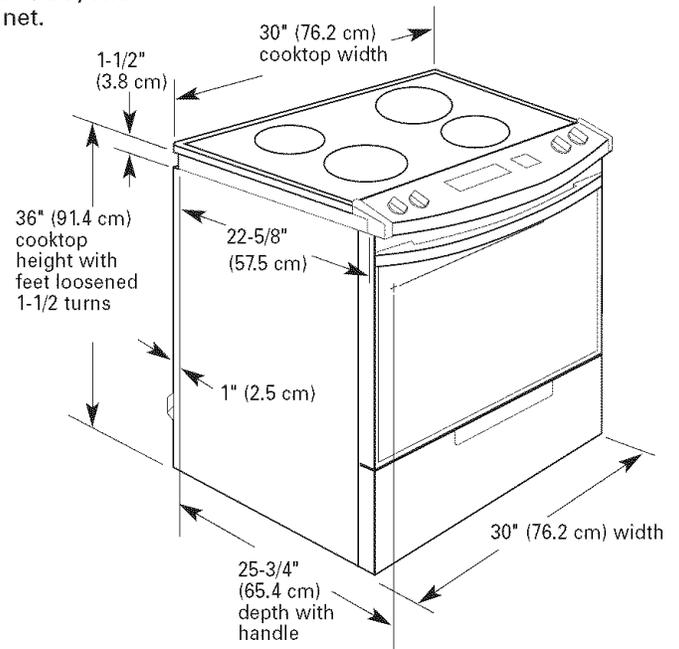
# Product dimensions

## Freestanding Range



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.

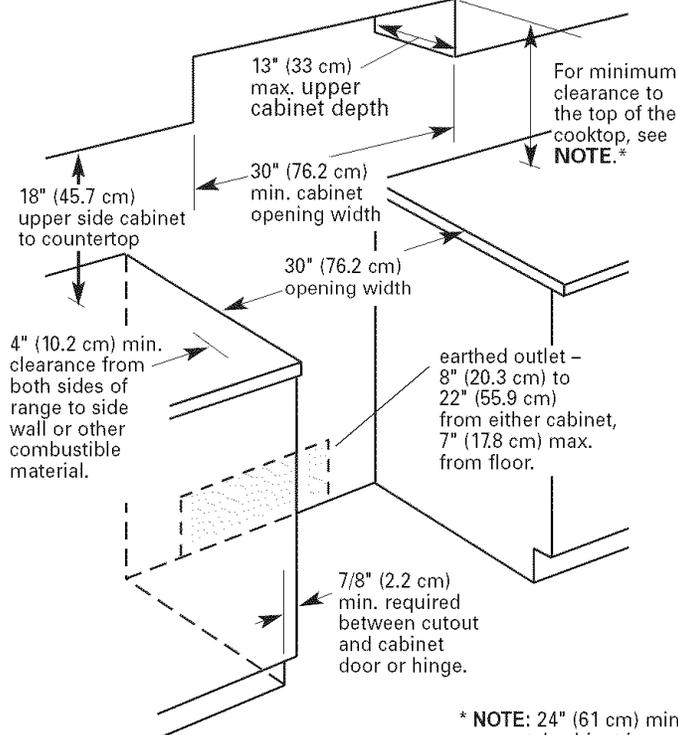
## Slide-in Range



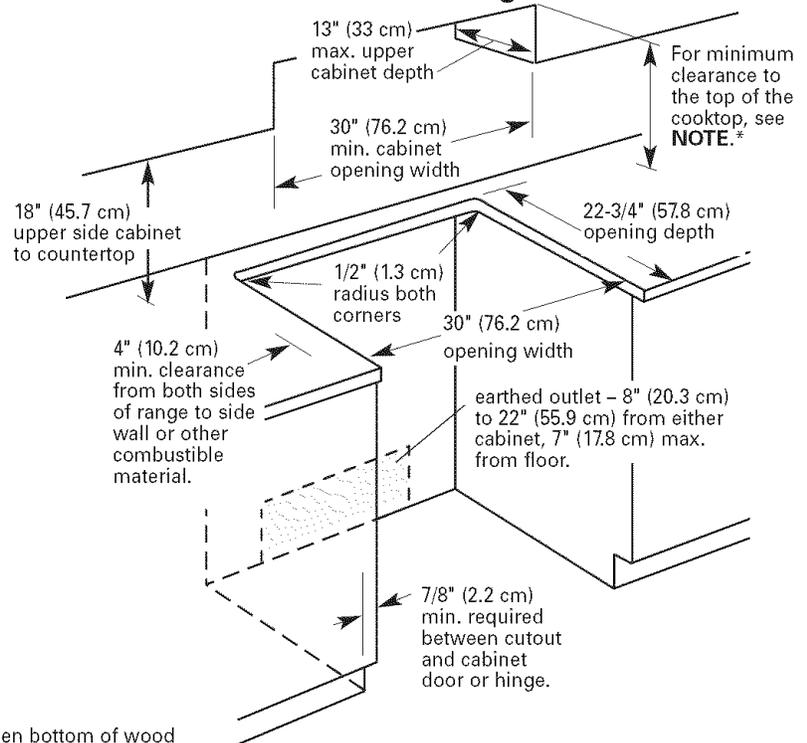
# Cabinet opening dimensions

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

## Freestanding Range



## Slide-in Range



\* 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.

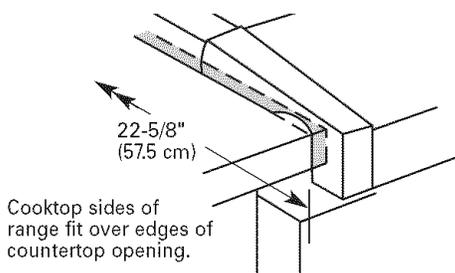
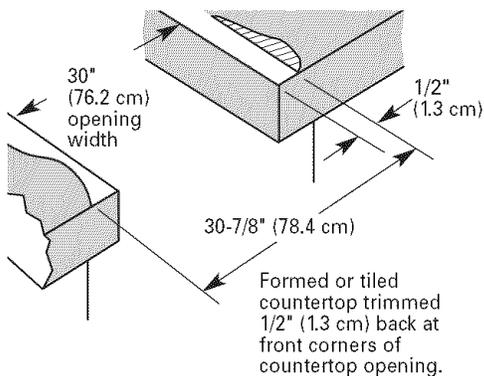
## Slide-in ranges: countertop preparations

The cooktop sides of the slide-in range fit over the cutout edge of your countertop.

If you have a square finish (flat) countertop and the opening width is 30" (76.2 cm), no countertop preparation is required.

Formed front-edged countertops: Must have molded edge shaved flat 1/2" (1.3 cm) from each front corner of opening.

Tile countertops may need trim cut back 1/2" (1.3 cm) from each front corner and/or rounded edge flattened.



If countertop opening width is greater than 30" (76.2 cm), adjust the 1/2" (1.3 cm) dimension.

Countertop must be level. Place level on countertop, first side to side; then front to back. If countertop is not level, range will not be level. Oven must be level for satisfactory baking conditions.

## 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 in accordance with local codes.

This range must be connected to a grounded metal, permanent wiring system.

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

Do not ground to a gas pipe.

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

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.

Connection at connection block must be copper wire only.

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

- a.) Connect a section of 8-gauge, solid copper wire to the connector block.
- b.) 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.
- c.) Aluminum/copper connection must conform with local codes and industry-accepted wiring practice.

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.

This range should 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.- or CSA-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.

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, Ohio 44131-5575

## Now start...

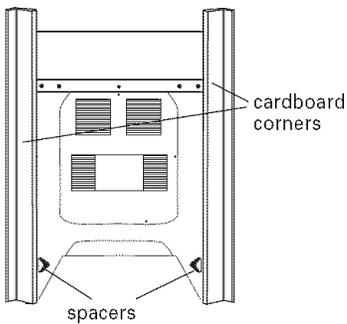
1. Remove shipping materials, tape and protective film from range. Keep cardboard bottom and shipping base under range. Remove oven racks and parts package from inside oven.

### ⚠ WARNING

#### Excessive Weight Hazard

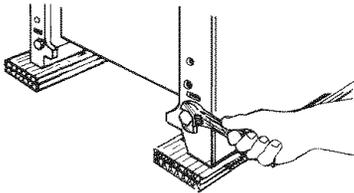
Use two or more people to move and install range.  
Failure to do so can result in back or other injury.

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.



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

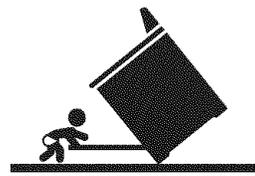
4. Pull cardboard bottom and shipping base firmly to remove.



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.

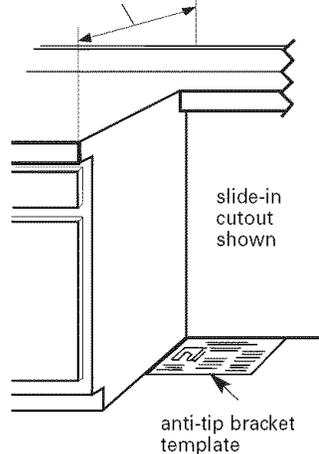
Connect anti-tip bracket to rear range foot.

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

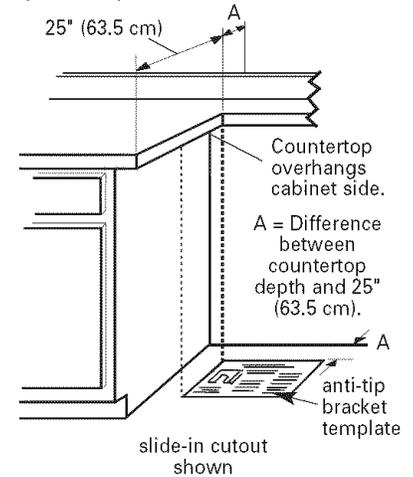
Failure to follow these instructions can result in death or serious burns to children and adults.

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).

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



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.

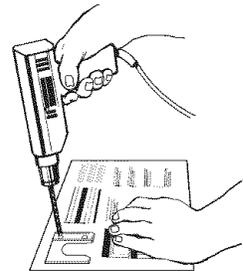


Contact a qualified floor covering installer for the best procedure for drilling mounting holes through your type floor covering.

Before moving, slide range onto cardboard or hardboard.

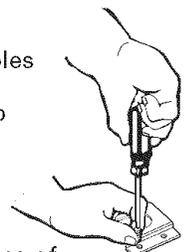
8. To mount anti-tip bracket to wood floor, use the anti-tip bracket template to mark where to drill mounting holes. Use a drill with a 1/8" drill bit to drill the two holes. Remove template from floor.

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" 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.

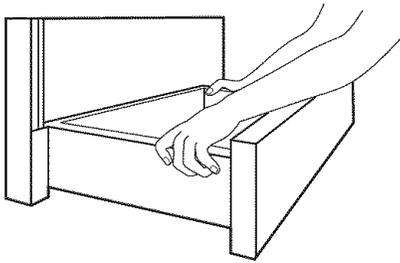
**NOTE:** Anti-tip bracket must be mounted securely to the sub-floor. Depending on the thickness of your flooring, longer screws may be necessary to anchor the bracket to the sub-floor. Longer screws are available from your local hardware store.



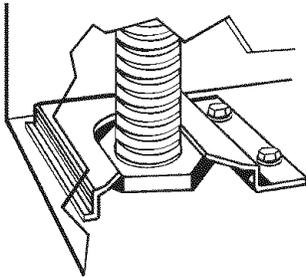
**10.** Move range close to cabinet opening. Make electrical connection. See "Electrical requirements" and "Electrical connection," sections for details. "8888" should appear in the clock display. Refer to Use and Care Guide for information on electronic controls.

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

**12.** Press on front of storage drawer and release to open. Pull open to first stop position. Lift front of drawer to clear white wheels in drawer guides. Remove drawer and set it aside on a protected surface.

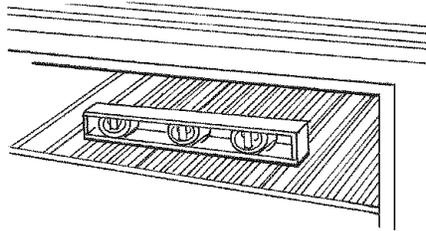


**13.** Look under range (a flashlight may be needed) to check that left rear leveling leg is engaged in the anti-tip bracket. If leveling leg is not properly engaged, remove and reposition the anti-tip bracket to ensure that the leveling leg fits properly in the anti-tip bracket.



**14.** 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.

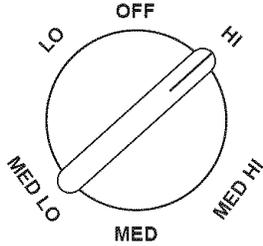


**15.** Insert storage drawer into slide rails on sides of drawer opening. Lift front of drawer slightly and push firmly to close drawer.

**16.** Plug in range.

## Check operation

**17.** Push in and turn each surface unit control knob to “HI” position. Check the operation of the cooktop elements and indicator lights.



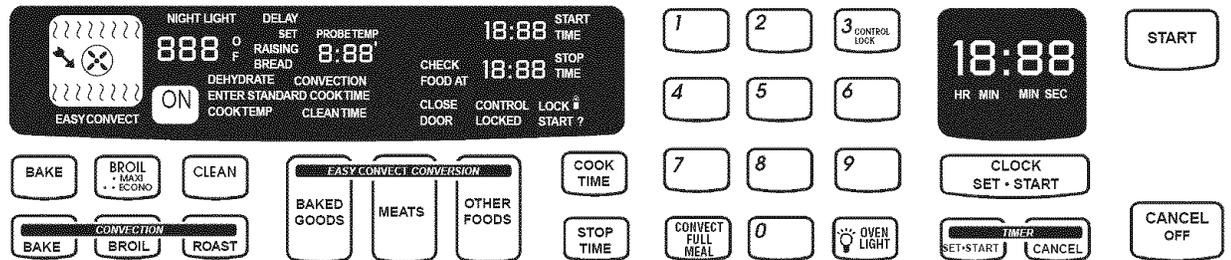
**18.** Check the operation of the oven element. Press the “BAKE” pad. “350°F” will appear in the temperature display. Press the “START” pad. “LO” will appear in the display; then “170°F” (when oven reaches 170°F).

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.

**19.** 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.



NOTE: Control panels may vary.

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

## ***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.
- ✓ See Use and Care Guide for troubleshooting list.

## ***If you need assistance:***

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

- ✓ Refer to Use and Care Guide.
- ✓ The KitchenAid Customer Interaction Center will answer any questions about operating or maintaining your range not covered in the Installation Instructions. The KitchenAid Customer Interaction Center is open 24 hours a day, 7 days a week. Just dial 1-800-461-5681.

When you call, you will need the range model number and serial number. Both numbers can be found on the model/serial rating plate located on the oven frame behind the drawer.

## ***If you need service:***

In the event that your KitchenAid appliance should need service, call the dealer from whom you purchased the appliance or a KitchenAid-authorized service company. A KitchenAid-authorized service company is listed in the Yellow Pages of your telephone directory under "Appliances – Household – Major – Service & Repair." You can also obtain the service company's name and number by dialing the KitchenAid Customer Interaction Center telephone number, 1-800-461-5681. A special operator will tell you the name of your nearest KitchenAid-authorized service company.

Maintain the quality built into your KitchenAid appliance — call a KitchenAid-authorized service company.

## ***Moving the range:***

**⚠ WARNING**



**Tip Over Hazard**

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

**Connect anti-tip bracket to rear range foot.**

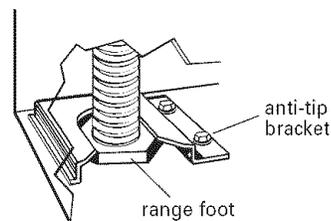
**Reconnect the anti-tip bracket, if the range is moved.**

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

When moving range, slide range onto cardboard or hardboard to prevent damaging the floor covering.

If removing the range is necessary for cleaning or maintenance:

1. Unplug range or disconnect power.
2. Slide range forward to complete cleaning or maintenance.
3. Make sure the anti-tip bracket is installed:
  - Look for the anti-tip bracket securely attached to floor.
  - Slide range back so rear range foot is under anti-tip bracket.



4. Check that range is level.
5. Plug in range or reconnect power.

**KitchenAid**<sup>®</sup>  
HOME APPLIANCES