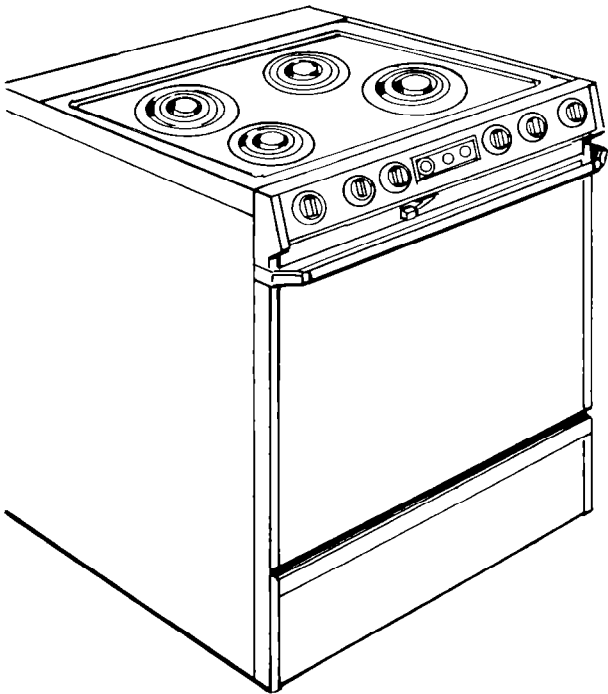


# Installation Instructions



# Whirlpool

Home Appliances

**IMPORTANT:**  
**Installer:** Leave Installation Instructions with the homeowner.  
**Homeowner:** Keep Installation Instructions for future reference.  
**Save** Installation Instructions for local electrical inspector's use.

## 30" Slide-In Self Cleaning Electric Range

s, Room Air Conditioners, Dehumidifiers, Automatic Washers, Clothes Dryers, Freezers, Refrigerators-Freezers, Ice Makers, Dishwashers, Built-In Ovens and Surface Units, Ranges, Microwave Ovens, Compactors, Room Air Conditioners, Dehumidifiers, Automatic Washers, Clothes Dryers, Freezers, Refri



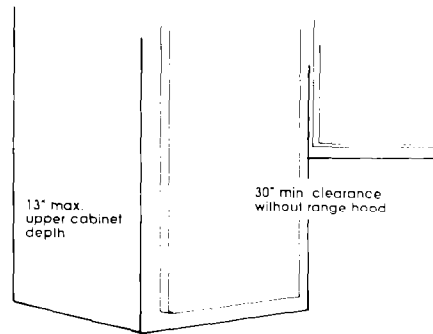
## Before you start...

Proper installation is your responsibility. A qualified technician should install this range. Make sure you have everything necessary for correct installation. It is the responsibility of the installer to comply with the installation clearance specified on the serial/rating plate. The serial/rating plate can be found under the cooktop.

Check location where range will be installed. The range should be located for convenient use in kitchen.

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

**WARNING:** Reaching over heated surface burners causes risk of being burned. To reduce risk, installation of cabinet storage above the surface units should be avoided. If cabinets are already provided, reduce hazard by installing a range hood. Range hood should extend out a minimum of 5 inches from the bottom front of cabinets.

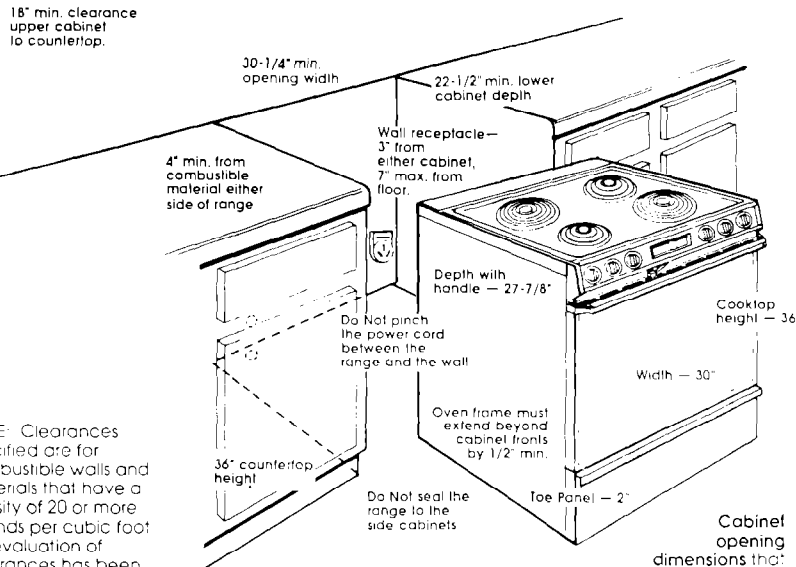


13" max. upper cabinet depth

30" min. clearance without range hood

**Important:**  
Observe all governing codes and ordinances.

**Countertop preparation:** Metal-edged countertops must have trim cut 3/8" back from each front corner of opening. Formed, front-edged countertops must have molded edge shaved flat 3/8" from each front corner of opening.



**NOTE:** Clearances specified are for combustible walls and materials that have a density of 20 or more pounds per cubic foot. No evaluation of clearances has been made for installations adjacent to materials that are less than 20 pounds per cu. ft. or to plastic tiles and sheeting.

Grounded electrical outlet is required. See Electrical requirements.

Cabinet opening dimensions that are shown must be used. Given dimensions are minimum clearances and provide required 0" clearance.

**WARNING:**  
It is the customer's responsibility:  
• To contact a qualified electrical installer.  
• To assure that electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70-1987\* and local codes and ordinances.

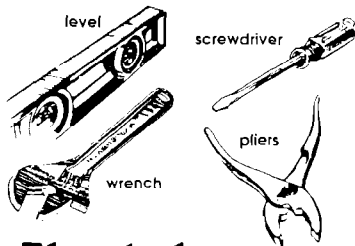
**Mobile home installation**  
The installation of this range must conform to the Manufactured Home Construction and Safety Standards, Title 24 CFR, Part 3280 (formerly the Federal Standard for Mobile Home Construction and Safety, Title 24, HUD, Part 280).

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 must be in a mobile home installation. The appliance wiring will need to be revised. See Electrical requirements.

Copies of the standards listed may be obtained from:  
\* National Fire Protection Association  
Battery March Park  
Quincy, Massachusetts 02159

## Tools needed for installation:



## Electrical requirements

**IMPORTANT:**  
Save Installation Instructions for the local electrical inspector's use.

Power cord is not supplied but is available through your local electrical supply houses.

**WARNING:**  
Power cord requirements -- Only a power supply cord kit rated at 240 volts, 40 amperes and investigated for use with ranges shall be used.

**WARNING:**  
1. Improper connection of the equipment-grounding conductor line can result in a risk of electrical shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded.  
2. Do Not plug the "pigtail" power cord into a live wall receptacle before cord is permanently connected to the terminal block.

**A.** A three-wire or a four-wire, single phase, 120/240 volt, 60 Hz, AC only, electrical supply (or three-wire or four-wire 120/208 volt if specified on serial plate) is required on a separate 40 ampere circuit, fused on both sides of the line. Do Not fuse the neutral. A time-delay fuse or circuit breaker is recommended.

**B.** It is the personal responsibility and obligation of the customer to contact a qualified electrician to assure that the electrical installation is adequate and is in conformance with the National Electrical Code ANSI/NFPA 70-1987\* and local codes and ordinances.

**C.** All wires ending at the appliance must terminate in ring-type terminals.

**D.** If local codes permit, your range may be connected with a three-wire flexible type, U.L.-listed, "pigtail" power supply cord of the proper ampere rating. Plug must match a three-wire NEMA-type 10-40R receptacle as shown in Figure 1. A U.L.-approved strain relief must be provided at the point the copper power supply cord enters the appliance.

**E.** The range may be connected directly to the fused disconnect (or circuit breaker) box through flexible armored or non-metallic sheathed copper cable. Allow at least 3 feet minimum of slack in the line between the wall and the appliance so that it can be moved if servicing is ever necessary. A suitable strain relief must be provided at each end of the copper power supply cord (at the appliance and at the junction box). Wire sizes (COPPER WIRE ONLY) and connections must conform with the rating of the appliance (40 amperes).

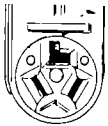
**WARNING: AN EXTENSION CORD SHOULD NOT BE USED WITH THIS APPLIANCE. SUCH USE MAY RESULT IN A FIRE, ELECTRICAL SHOCK, OR OTHER PERSONAL INJURY.**

**F.** The range must be connected with copper wire only. Aluminum wire requires special U.L.-listed connectors. Improper use may create a fire hazard.

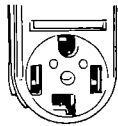
**G. CAUTION: FOR MOBILE HOME USE, A 4-WIRE POWER CORD MUST BE USED.** This appliance is manufactured with ground connected to frame. The ground must be revised so the green grounding wire of the 4-wire power cord is connected to the frame. See 4-wire electrical connection section, Panel C.

If using a 4-wire NEMA type 14-40R receptacle, a matching 4-wire U.L.-listed "pigtail" power cord must be used. Cord should be type SRD or SRDT, at least 4 feet long with all conductors ending in ring terminals at the range. See Figure 2. The **MINIMUM** conductor sizes for the copper 4-wire power cord are:

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



3-wire wall receptacle (10-40R)  
Figure 1



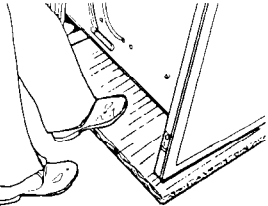
4-wire receptacle (14-40R)  
Figure 2

**H.** The wiring diagram is located on the back of the range.

## Now Start...

With range in kitchen.

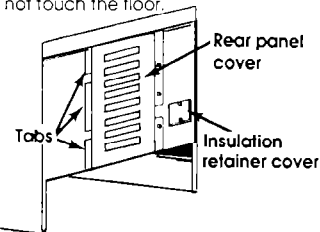
**1.** Remove racks and other parts from inside oven.



**2.** Place one foot on the shipping base. Tilt range forward slightly to free rear legs. Gently lower range to floor. Tilt range backwards until front legs are free.

**3.** Remove shipping materials including clips that hold elements in place, tape and protective film from range. Do not remove cardboard shipping base at this time.

**4.** Adjust the leveling legs to a point where the range base does not touch the floor.

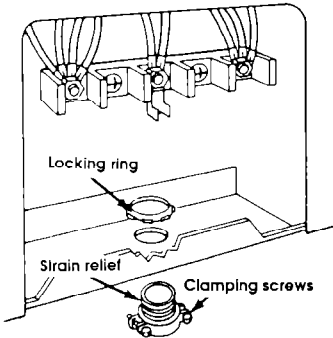


**5.** Remove the insulation retainer cover. Remove three screws on the right side of the rear panel cover. Slide rear panel cover to the right until it clears the tabs located on the left side of the cover.

Panel B

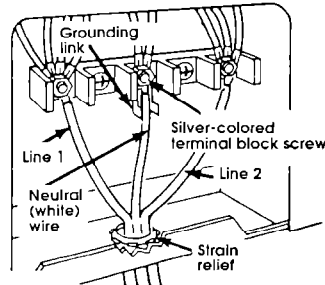
### 3-wire electrical connection

See Panel C for 4-wire electrical connection.



**6.** Use a U.L.-listed strain relief and insert it into the hole below the terminal block. Insert the power cord through the strain relief allowing enough slack to easily attach to the terminal block. Tighten locking ring and clamping screws.

Use only ring-type terminals to connect power supply cord. Use brass nuts provided with range, to secure the power supply cord. Do Not loosen factory-installed nuts already installed on terminal. Be sure factory-installed nuts are tight.



Use this wiring method **ONLY** if local codes permit connecting frame-grounding conductor to neutral wire of power cord.

This appliance is manufactured with neutral terminal connected to the frame. If local codes and ordinances Do Not permit grounding through the neutral, a four-wire power supply cord, rated 240 volts, 40 amperes and investigated for use with ranges must be used. See 4-wire electrical connection, Panel C.

**7.** Connect the neutral (white) wire to the center, silver-colored terminal screw on terminal block. Connect the other two wires to the outer terminal screws on the terminal block. Use ring-type terminals only. Connect with the brass nuts attached to the range. Do Not loosen factory-installed nuts already on the terminal. Check that nuts are tight to insure proper electrical connection.

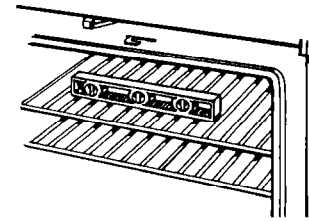
**8.** Tighten the strain relief screws. Replace terminal block cover.

**9.** Plug power supply cord into the wall receptacle.

Use caution when moving this appliance to prevent damage to floor coverings. Before moving, make sure cardboard shipping piece is under range to prevent floor damage.

**10.** Move the range into final operating position. Remove cardboard shipping piece from under range.

**11.** If installing the range in a mobile home, you **MUST** secure the range to the floor. Any method of securing the range is adequate as long as it conforms to the standards listed in the Mobile home installation instructions, Panel A.



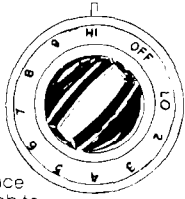
**12.** Place rack in oven. Place level on rack, first side to side then front to back. If the range is not level, remove storage drawer; then screw the legs up or down to adjust. Note: Oven must be level for satisfactory baking conditions. If your range is secured to the floor, washers can be added to level the range.

Range must be secured when mobile home is moved and at all times in an RV.

Numbers correspond to steps.

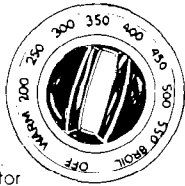
13.

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



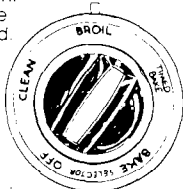
14.

Check the operation of the oven elements. Set the oven selector control knob to "BAKE". Set the oven temperature control to 350°F. The bottom element should glow red and the indicator light should be on. The upper element should become hot but not glow red. The oven indicator light goes off when the oven is preheated.



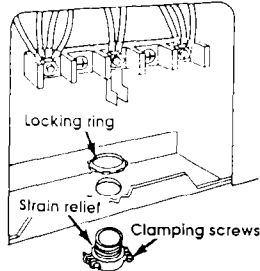
15.

Check the operation of the broil element. Set the oven selector and oven temperature control knobs to "BROIL". The top element should glow red and the indicator light should be on.

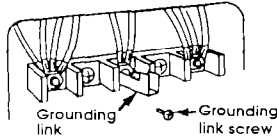


#### 4-wire electrical connection

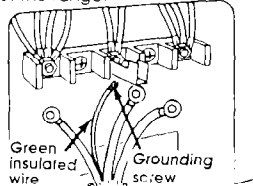
Use this wiring method for mobile homes and whenever 4-wire installation is required.



**A.** Use a U.L.-listed strain relief and insert it into the hole below the terminal block. Insert the power cord through the strain relief allowing enough slack to easily attach to terminal block.

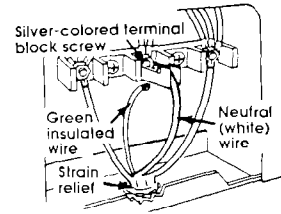


**B.** Remove the grounding-link screw from the range frame. Save the grounding screw. Bend up the grounding link so that it does not contact the range.



**C.** Connect the green grounding wire to the range using the grounding screw removed.

in Step B. The green, grounding wire must be attached first and must not contact any other terminal.



**D.** Connect the neutral (white) wire to the center, silver-colored terminal screw on the terminal block. Connect the other two wires to the outer terminals on the terminal block.

**Use only ring-type terminals to connect power supply cord. Use brass nuts provided with range, to secure the power supply cord. Do Not loosen factory-installed nuts already installed on terminal. Be sure factory-installed nuts are tight.**

**E.** Tighten the strain relief screws. Replace the terminal block cover.

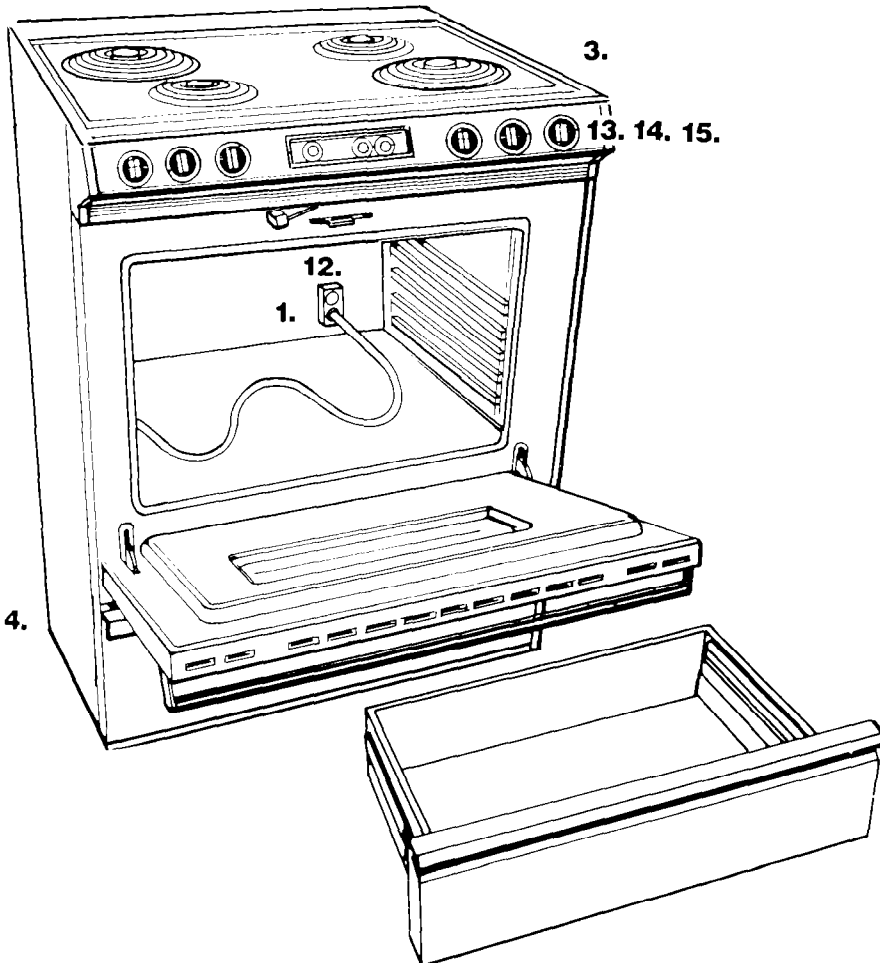
**F.** Continue installation at step 9, Panel B.

You have just finished installing your new Whirlpool range. To get the most efficient use from your new range, read your Whirlpool Use & Care

**Congratulations!**

Guide. Keep Installation Instructions and Guide close to range for easy reference. The Instructions will make reinstalling your Whirlpool range in another home as easy as the first installation.

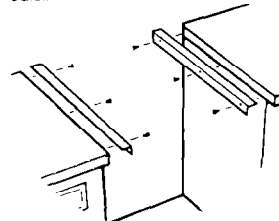
5. 6. 7. 8.



Panel C

### Slide-in range trim kit accessory

The Slide-in Range Trim Kit, Part No. 4314884, includes trim pieces to cover the edge of the countertop next to your slide-in range. This kit is available from your local Whirlpool dealer.



**1.** Place right trim piece on countertop so that front edge is aligned with front edge of countertop. Mark with a pencil where to drill the three screw holes. Remove trim piece.

If trim piece is too long, mark on the trim piece the length it needs to be shortened. Cut the trim piece with a hacksaw. Use caution while working with the rough edge of the trim piece. Smooth the cut edge of the trim piece with fine sandpaper. Mark screw holes as described in first part of this step.

**2.** Use a drill with a 3/8" drill bit to start screw holes.

**3.** Use three screws to attach trim piece to countertop edge.

**4.** Repeat Steps 1-3 with left trim piece.

## If range does not operate...

Check that the circuit breaker is not tripped or the fuse blown. Check that power supply cord is plugged into wall receptacle.

## If you need assistance...

During normal business hours the Whirlpool COOL-LINE® Service will answer any questions about operating or maintaining your range not covered in the Installation Instructions. The Whirlpool COOL-LINE® Service number is (800) 253-1301. Dial just as you normally dial long distance — the call is free. When you call, you need the range model number and serial number. Both numbers can be found on the serial/rating plate located under the cooktop.

## If you need service...

In the event your Whirlpool appliance should need service, call the dealer from whom you purchased the appliance or a Whirlpool franchised TECH-CARE® service company. He is in the Yellow Pages of your phone directory listed under "Appliances — Household — Major — Service or Repair". You can also obtain his name and number by dialing, free, within the continental United States the Whirlpool COOL-LINE® Service number, (800) 253-1301. A special operator will tell you the name and number of your nearest Whirlpool TECH-CARE® service outlet.

Maintain the quality built into your Whirlpool appliance — call TECH-CARE® service.

## If you prefer to write...

Please include in your letter the model number, serial number, date of purchase and a complete description of your request or problem. This information will help us to provide exactly the assistance you need. Address your letter to:

Mr. Robert Stanley  
Division Vice President  
Whirlpool Corporation  
2000 M-63 North  
Benton Harbor, MI 49022

