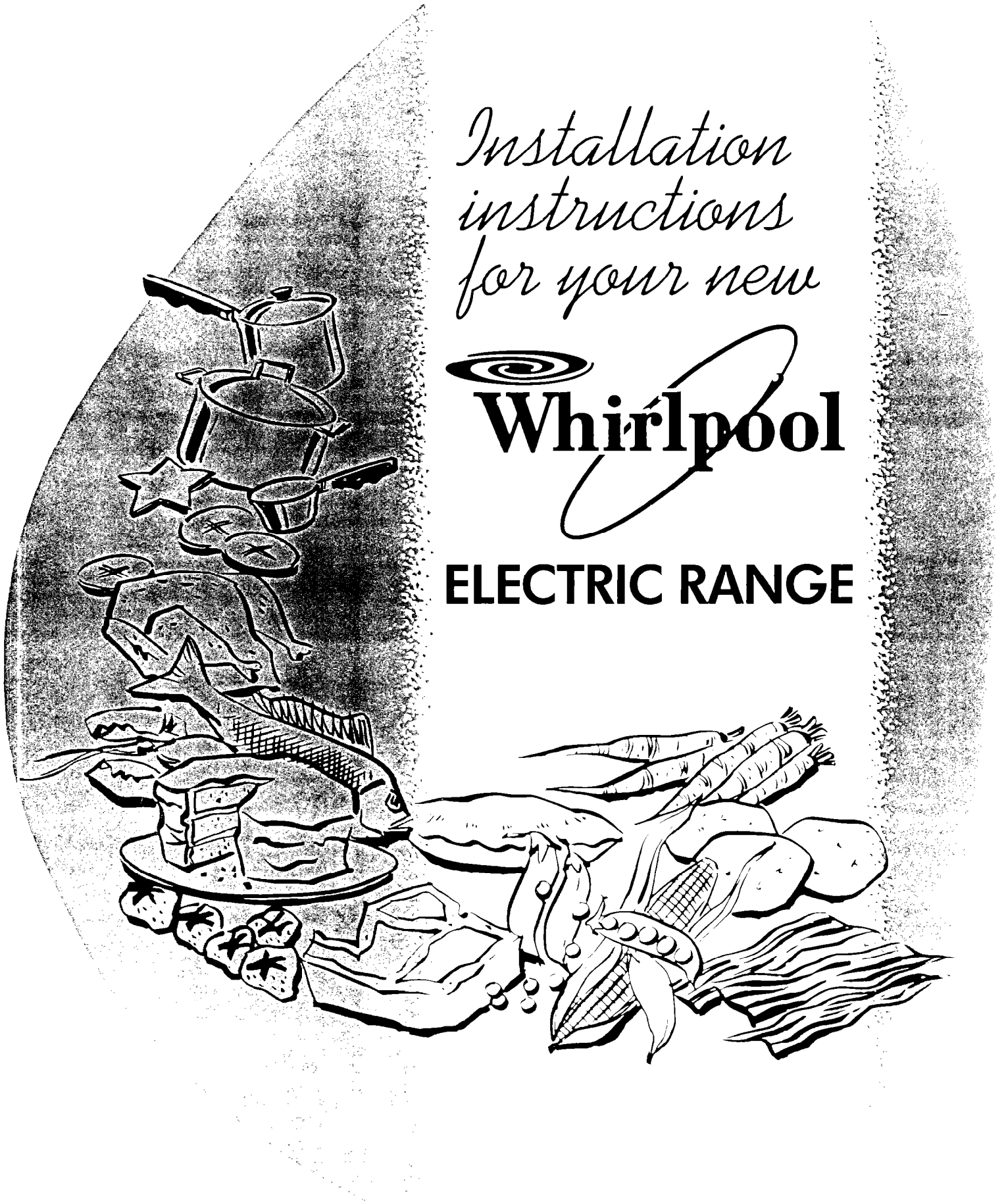


*Installation  
instructions  
for your new*

  
**Whirlpool**

**ELECTRIC RANGE**



# INSTALLATION INSTRUCTIONS

Before you begin, read the following instructions completely and carefully. If followed, they will simplify the installation job.

**IMPORTANT: OBSERVE ALL GOVERNING CODES AND ORDINANCES**

SAVE THESE INSTRUCTIONS FOR THE LOCAL ELECTRICAL INSPECTOR'S USE.

## STEP 1 ELECTRICAL REQUIREMENTS

This appliance may be connected by means of permanent "hard wiring" or power supply cord kit.

It is the personal responsibility of the customer to contact a qualified technician to assure that the electrical installation is adequate and is in conformance with the National Electrical Code ANSI/NPFA 70- latest edition and local codes and ordinances.

THE RANGE MUST BE CONNECTED WITH COPPER WIRE ONLY. Aluminum wire must not be used to avoid potentially unsatisfactory connections.

### POWER SUPPLY CORD KIT

This appliance must be connected with a power supply cord kit rated at 125/250 volts minimum, 40 amperes, and marked for use with ranges. Cord must have three (3) conductors.

For mobile home installation or in areas where local codes do not permit grounding through neutral, a four (4) conductor power supply cord kit rated at 125/250 volts minimum, 40 amperes, and marked for use with ranges shall be used.

Terminals on end of wires must be either closed loop or open-end spade lugs with upturned ends. Cord must have strain relief clamp.

### MODELS WITH FACTORY-CONNECTED POWER SUPPLY CORD

Some models may be equipped with a factory-connected, three (3) conductor, power supply cord.

In mobile home installations or in areas where local codes do not permit grounding through neutral, a four (4) conductor power supply cord kit rated at 125/250 volts minimum, 40 amperes and investigated for use with ranges shall be used. Terminals on end of wires must be either closed loop or open-end spade lugs with upturned ends.

## STEP 2 GENERAL

The back of a Free Standing Range may be installed against a vertical wall. The sides may be installed against base cabinets or against vertical walls extending above the upper edge of the cook top.

To prevent possible discoloration of the base cabinets, the front of the oven frame must extend at least  $\frac{1}{2}$ " past the front surface or cabinet doors of the base cabinets.

To eliminate the hazard of reaching over heated surface elements, cabinets or storage spaces should not be provided over a range.

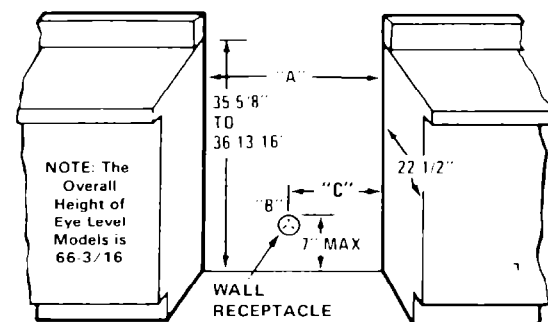
If cabinets are provided, the hazard can be reduced by installing a range hood that projects horizontally a minimum of 5 inches beyond the bottom of the cabinets.

**CAUTION:** 30 inches minimum clearance between the top of the cooking surface and the bottom of an unprotected wood or metal cabinet. 24 inches minimum when bottom of wood or metal cabinet is protected by not less than  $\frac{1}{4}$ -inch-thick flame-retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015-inch-thick stainless steel, 0.024-inch-thick aluminum, or 0.020-inch-thick copper.

When installing the range between base cabinets, refer to **Figure 1** for the size of the opening needed. Do Not seal range to cabinets.

**CAUTION:** When unpacking the range, do not discard the 4 shipping bolts as these are the leveling legs.

If a service cord is used, the wall receptacle should be located in accordance with the dimensions given in **Figure 1**.



"A" 30" RANGES - 30-3/8" TO 30-1/2"  
40" RANGES - 40-3/8" TO 40-1/2"

"B" NOTE: COPPER SERVICE CORD OR POWER SUPPLY CORD (PIGTAIL) MUST RUN DOWNWARD, LEFT OR RIGHT TO WALL RECEPTACLE TO AVOID PINCHING CORD BETWEEN REAR PORTION OF RANGE AND WALL.

"C" 30" & 40" RANGES - 15" TO 19"  
MICROSHELF RANGE - 8" TO 10"

FIGURE 1

ON MODELS SO EQUIPPED: BE SURE THE BOTTLE OF CLEANER-CONDITIONER, PACKED WITH THE RANGE, IS LEFT WHERE THE USER CAN FIND IT EASILY, IT IS IMPORTANT THAT THE GLASS-CERAMIC SMOOTH TOP BE PRE-TREATED BEFORE BEING USED.

# STEP 3

## ELECTRICAL CONNECTION

**WARNING:** Disconnect electrical supply before making electrical connection. Failure to do so may result in electrical shock or personal injury.

### ELECTRICAL GROUND IS REQUIRED ON THIS APPLIANCE

This appliance is manufactured with the neutral terminal connected to the frame.

1. If local codes permit connection of the frame grounding conductor to the neutral wire of the copper power supply cord:

- A. Remove the terminal block cover (lowest wire cover).
  - B. The terminal nuts are taped to the frame below the terminal block.
- NOTE: Do not loosen factory installed nuts.
- C. Connect the neutral wire of the copper power supply cord to the center silver-colored terminal of the terminal block and connect the other wires to the outer terminals. See Figure 2.

Ring type terminals must be used on the copper power supply cord wires.

D. Replace terminal block cover.

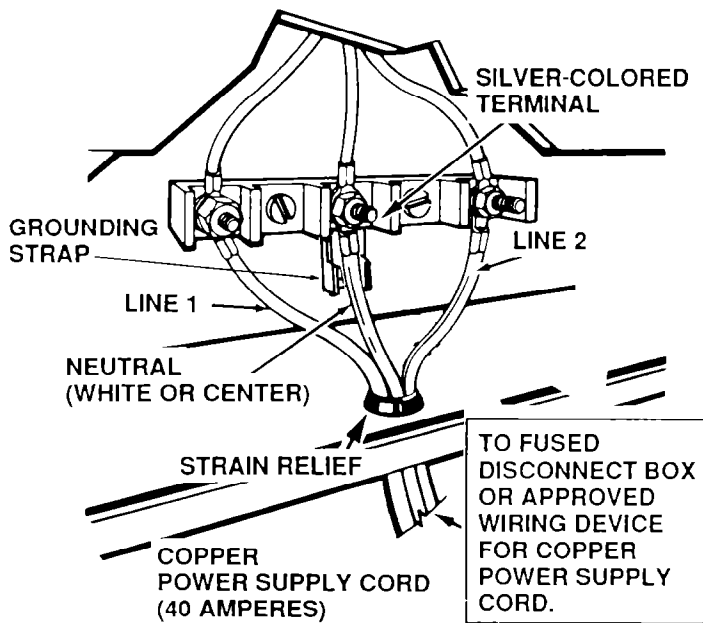


FIGURE 2

2. If local codes DO NOT permit frame grounding to the neutral wire of the copper power supply cord:

- A. Remove terminal block cover.
- B. Remove the ground strap from the terminal block and from the appliance frame. Retain the ground screw.

C. Connect the neutral wire of the copper power supply cord to the center silver-colored terminal of the terminal block and connect the other wires to the outer terminals. See Figure 3. Ring-type terminals must be used on the copper power supply cord wires.

D. Connect a separate insulated green-colored copper grounding wire (No. 8 minimum) to a grounded cold water pipe\* by means of a clamp, and then to the frame of the appliance with the grounding screw, using the hole in the frame where the grounding strap was removed. See Figure 3. Do Not ground to a gas supply pipe or hot water pipe. Do Not connect the copper power supply cord to electric power until appliance is permanently grounded. See Figure 4.

E. Replace terminal block cover.

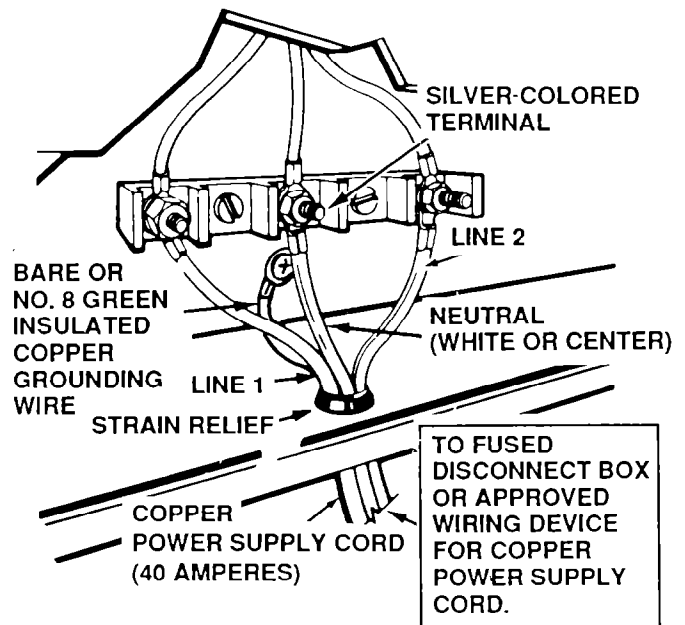


FIGURE 3

\*Cold water pipe must have metal continuity to electrical ground and not be interrupted by plastic, rubber or other electrically insulating connectors (including water meter or pump) without adding a jumper wire at these connections.

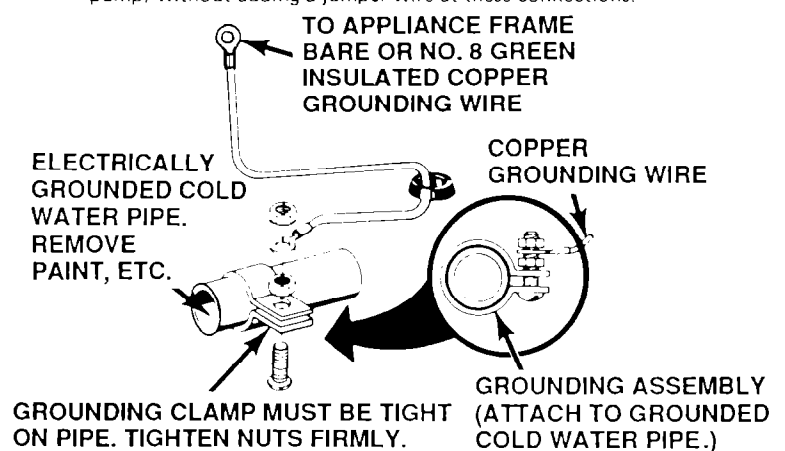


FIGURE 4

3. If connecting to a four-wire electrical system (mobile home):

- A. Remove terminal block cover.
- B. Remove the ground strap from the terminal block and from the appliance frame. Retain the ground screw.
- C. Connect the grounding wire (green) of the copper-power supply cord to the frame of the appliance with the grounding screw, using the hole in the frame where the grounding strap was removed. See **Figure 5**.
- D. Connect the neutral (white) wire of the copper power supply cord to the center silver-colored terminal of the terminal block and connect the other wires to the outer terminals. Ring type terminals must be used on the copper power supply cord wires.
- E. Replace the terminal block cover.

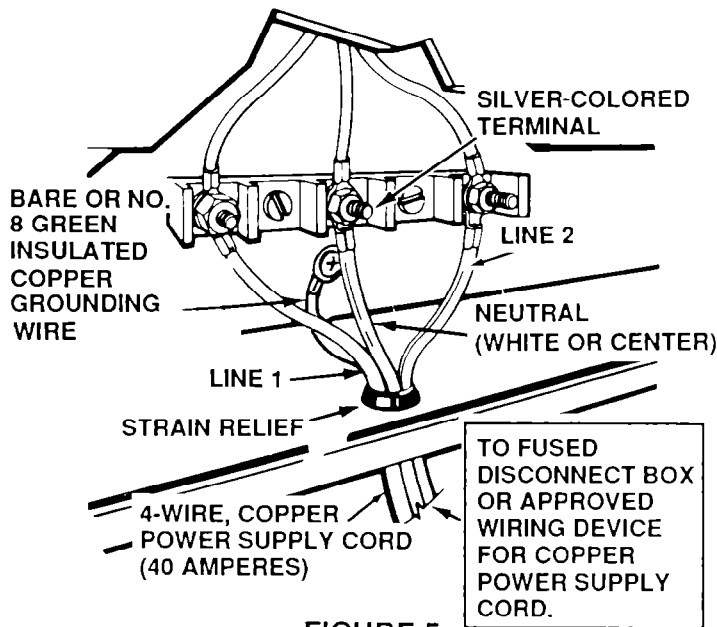


FIGURE 5

## STEP 4 LEVEL AND POSITION RANGE

- 1. Move the range to its final operating position and check the level of the range by using a small spirit level on the oven rack. See **Figure 6**. The range can be leveled from side to side and front to rear by adjusting the four leveling legs.

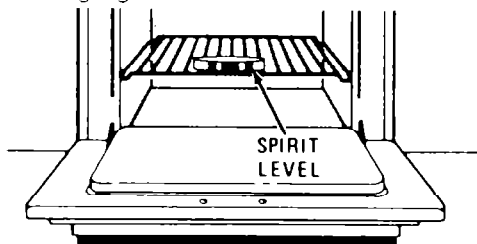


FIGURE 6

2. Make the electrical connection:

- A. Plug the flexible copper connector (pigtail) into an approved, receptacle (where local codes permit the use of a pigtail),

OR

- B. Connect the flexible armored or non-metallic shielded copper cable directly to a fused disconnect box.

3. Remove the tape holding the oven light switch actuator. See **Figure 7**.

NOTE: As shipped from the factory, the oven light switch actuator is held depressed by tape. To prevent switch damage, the switch actuator should be taped whenever the range is transported.

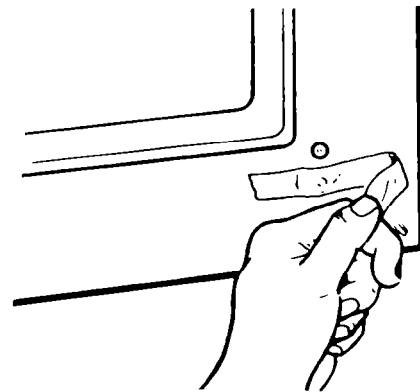


FIGURE 7

## CHECK OPERATION

Refer to the operation instruction card packaged with the range to check for proper care and cleaning of your range.

**CAUTION:** Do not touch the elements. They may be hot and you may get burned.

### SURFACE ELEMENTS

1. Turn on each of the four (4) surface elements and check to see that they heat. On models so equipped, check the surface element indicator light(s).

### OVEN ELEMENTS

**CAUTION:** Do not touch the elements. They may be hot and you may get burned.

#### Models with Two Position Selector Switch

1. Turn Selector Switch and thermostat to BROIL. Observe the oven elements, the upper element only should heat.
2. Turn the Selector Switch to BAKE and thermostat to 400° F. Observe the oven elements, the lower element only should heat.

#### Models with Pre-Heat

1. Turn the Selector Switch to PRE-HEAT and thermostat to 400° F and observe the oven elements. Both elements should heat.
2. Turn thermostat to BROIL and Selector Switch to HI-BROIL, and observe the oven elements. Upper element only should heat.

NOTE: On standard and continuous-cleaning models, be sure timer is set for Manual operation. On self-cleaning models, set the Bake/Clean switch to BAKE.

#### Models (40") with Left Hand Auxiliary Oven

1. Check Large Oven elements as previously described.
2. Turn Left Oven thermostat to 400° F. The bottom element should heat.
3. Turn Left Oven thermostat to BROIL. The top element should heat.

#### Eye Level Models

1. Set the timed Oven Selector Switch to MANUAL.
2. Check the Lower oven by following Steps 1 and 2 for Models with Pre-Heat.
3. Check the Upper oven by turning the upper oven thermostat to HI-BROIL. The upper element should heat.
4. Reset the Upper oven thermostat to OFF, and turn back to 400° F. Both elements should be on at first. After the thermostat cycles, the bottom element only will cycle "On" and "Off" to maintain the selected oven temperature.


#### CLOCK (if so equipped)

Refer to the operation instructions packaged in the range oven, for operation of the clock.

## BEFORE YOU CALL FOR SERVICE...

1. Make sure range copper power cord (pigtail) is plugged in.
2. Check to make sure the house fuse or circuit breaker for your range is not blown or open.

NOTE: The serial plate for 30" ranges is located on the upper left corner of the oven front frame. On 40" models the serial plate is on the front frame of the small left compartment or oven.



**Whirlpool**  
FRANCHISED  
**TECH-CARE**  
**HOME PRODUCTS 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 telephone directory listed under "Appliances-Household-Major-Service and Repair." You can also obtain his name and number by dialing, free, the Whirlpool COOL-LINE® Service (800) 253-1301. Dial just as you normally dial long distance. A special operator will tell you the name and number of your nearest Whirlpool TECH-CARE service outlet. During normal working hours, Whirlpool consultants at this same number will also answer any questions about operating or maintaining your appliance not covered in your Use and Care Guide.

Learn the benefits of using TECH-CARE service for maintaining the quality originally built into your Whirlpool appliances.

