

**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.

**27" Electric Built-in Combination:**  
• Microwave Oven and  
Thermal Oven



## Before you start...

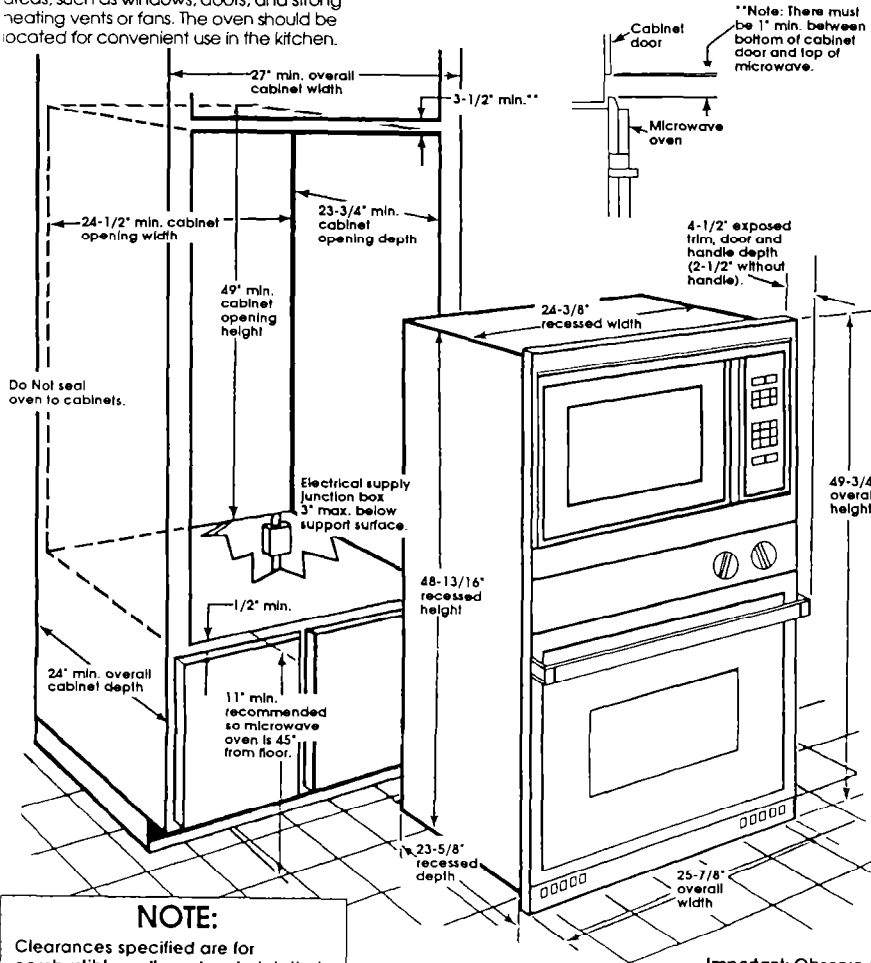
Read **Electrical and Carpentry instructions**. Proper installation is your responsibility. A qualified technician should install this oven. Make sure you have everything necessary for correct installation. It is the responsibility of the installer to comply with the installation clearances specified on the serial/rating plate. The serial/rating plate is located behind the oven door on the front frame.

**Check location** where oven will be installed. The location should be away from strong draft areas, such as windows, doors, and strong heating vents or fans. The oven should be located for convenient use in the kitchen.

Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance. Contact surface must be solid and level.

The recessed installation area must provide complete enclosure around the recessed portion of the oven. ALL OPENINGS IN THE WALL OR FLOOR WHERE OVEN IS TO BE INSTALLED MUST BE SEALED.

Remove all packaging material from microwave oven cavity. Check microwave oven area for damage — see WARNING below. If any damage is evident, do not operate until microwave oven is checked by an authorized service technician.



Do Not seal oven to cabinets.

Electrical supply junction box 3\" max. below support surface.

11\" min. recommended so microwave oven is 45\" from floor.

\*\*Note: There must be 1\" min. between bottom of cabinet door and top of microwave.

4-1/2\" exposed trim, door and handle depth (2-1/2\" without handle).

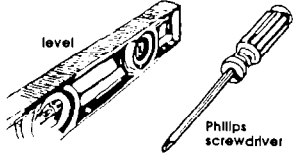
Electrical ground is required. See Electrical requirements.

Important: Observe all governing codes and ordinances.

**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.

**NOTE:**  
The oven support surface must be flush with the bottom of the cabinet cutout.

## Tools needed for installation:



## Parts provided for installation:



## WARNING

### Personal Injury Hazard

- Do Not attempt to operate the microwave oven with the door open.
- Do Not tamper with or defeat the safety interlocks.
- Do Not place objects between the microwave oven front face and door.
- Do Not allow soil or cleaner residue to accumulate on sealing surface of the microwave oven door.
- Do Not operate the microwave oven if damaged.
- Do Not operate the microwave oven if:
  - door is bent.
  - hinges and latches are broken or loose.
  - door seals, sealing surfaces or glass are broken.

The microwave oven door must close properly to provide safe operation.

- Only have a qualified repair person adjust, repair and check microwave oven for microwave leakage after a repair is made.
- Do Not use microwave for commercial purposes. The microwave oven in this unit is designed for household use only.

Failure to follow these instructions could result in exposure to excessive microwave energy.

## CAUTION

### Electrical Shock Hazard

- 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,\* and all local codes and ordinances.
- Failure to follow these instructions could result in electrical shock.

### Personal Injury Hazard

- Securely fasten oven to cabinet using the two screws provided.
- Failure to do so could cause oven to move or tip during use and result in personal injury.

## CAUTION

### Cabinet Damage

Do Not block the oven vent. Blocking the oven vent may cause cabinet damage and poor baking performance.

## Electrical requirements

## WARNING

### Electrical Shock Hazard

- Electrical ground is required on this appliance.
  - Improper connection of the equipment-grounding conductor line can result in a risk of electrical shock.
  - Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.
  - Do Not have a fuse in the neutral or grounding circuit. A fuse in the neutral or grounding circuit could result in electrical shock.
- Failure to follow these instructions could result in a fire, electrical shock or other personal injury.

Save Installation Instructions for electrical inspector's use.

**A.** This appliance must be connected to the proper electrical voltage and frequency as specified on the serial/rating plate. Models rated at 7.0 kw on 240 volts (5.3 kw on 208 volts) or more require a separate 40-ampere circuit. Models rated at 3.6 kw on 240 volts (2.7 kw on 208 volts) or less require a separate 30-ampere circuit. Fuse both sides of the line. A time-delay fuse or circuit breaker is recommended.

**B.** OVEN MUST BE CONNECTED WITH COPPER WIRE ONLY.

**C.** Wire sizes and connections must conform to the requirements of the National Electrical Code ANSI/NFPA 70 — latest edition\* and all local codes and ordinances for the kilowatt rating of the oven. This rating can be found on the serial/rating plate located behind the oven door on the front frame.

**D.** This appliance should be connected directly to the fused disconnect (or circuit breaker) through flexible, armored or non-metallic sheathed, copper cable (with

grounding wire). The flexible, armored cable extending from the appliance should be connected directly to the junction box.

**E.** Locate the junction box to allow as much slack as possible between the junction box and the appliance so that the oven can be moved if servicing is ever necessary. Do Not cut the conduit.

**F.** A U.L.-listed conduit connector must be provided at the junction box.

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

Copies of the standard listed may be obtained from:

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

**H.** A wiring diagram is included in the Tech Sheet. The Tech Sheet is located on bottom, behind the lower vent grill.

## Electrical connection

### ⚠ WARNING

#### Electrical Shock Hazard

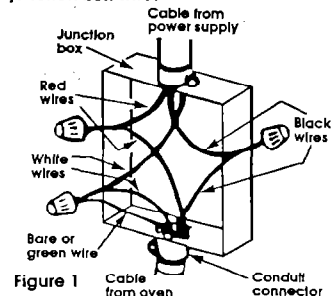
- Electrical ground is required on this appliance.
- Do Not connect to the electrical supply until appliance is permanently grounded.
- Disconnect power to the junction box before making the electrical connection.
- This appliance must be connected to a grounded, metallic, permanent wiring system, or a grounding connector should be connected to the grounding terminal or wire lead on the appliance.

Failure to do so could result in a fire, personal injury or electrical shock.

This appliance is manufactured with white (neutral) power supply wire and a cabinet-connected, green grounding wire twisted together. Connect the appliance cable to the junction box through the U.L.-listed conduit connector. Complete electrical connection according to your installation needs.

### A. Where local codes permit...

Connecting the cabinet-grounding conductor to the neutral (white) junction box wire:

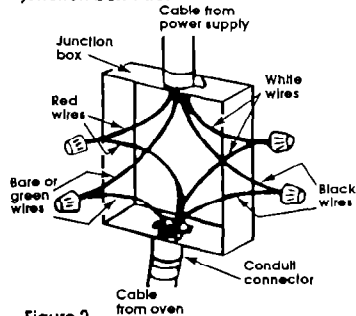


- Figure 1**
1. Turn power supply off.
  2. Connect three wires: green and white appliance cable wires and the white wire in the junction box.
  3. Connect the two black wires together; then the two red wires together. (See Figure 1.)

### B. Where local codes

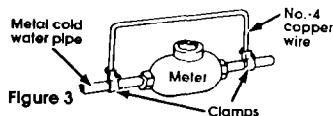
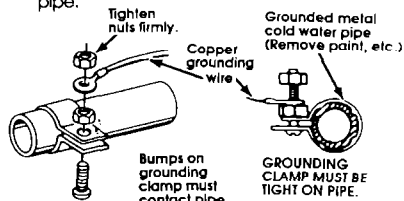
#### DO NOT permit...

Connecting the cabinet-grounding conductor to the neutral (white) junction box wire:



**Figure 2**

1. Turn power supply off.
2. Connect the white appliance cable wire to the neutral (white) wire in junction box.
3. Connect the two black wires together; then the two red wires together. (See Figure 2.)
4. Connect the grounding wire to a grounded wire in the junction box or to a grounded, copper cold water pipe.\*\*



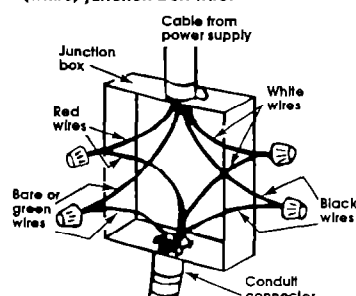
**Figure 3**

5. A separate copper grounding wire (No.-10 minimum) MUST be connected to a grounded metal cold water pipe by means of a clamp and then to the external grounding connector screw. Do Not ground to a gas supply pipe or hot water pipe. Do Not connect to electrical supply until appliance is permanently grounded. (See Figure 3.)

\*\* Grounded, cold water pipe must have metal continuity to electrical ground and not be interrupted by plastic, rubber, or other electrical insulating connectors such as hoses, fittings, washers or gaskets (including water meter or pump). Any electrical insulating connector should be jumped as shown with a length of No.-4 copper wire securely clamped to bare metal at both ends.

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

Do Not connect the cabinet grounding conductor to the neutral (white) junction box wire.



**Figure 4**

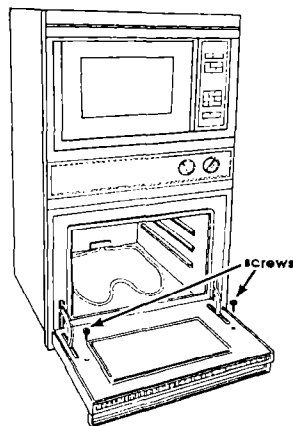
1. Turn power supply off.
2. Separate the green and white appliance cable wires.
3. Connect the white appliance cable wire to the neutral (white) wire in the junction box.
4. Connect the two black wires together; then the two red wires together. (See Figure 4.)
5. Connect the green appliance cable wire to the green grounding wire in the junction box.

## Now start...

With oven in kitchen.

1. Remove shipping materials and protective film from microwave oven and oven. Do Not remove the foam shipping base at this time.

2. Remove and unwrap racks and other parts from inside oven. Remove the air grille taped to the top or side of oven.



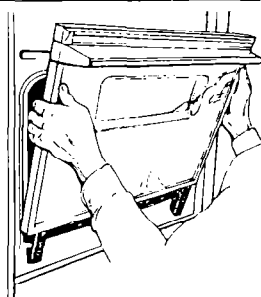
3. Completely open oven door. Remove two oven door screws.

### ⚠ WARNING

#### Personal Injury Hazard

- Use both hands to remove oven door.
- Grasp only the sides of the oven door.
- Do Not use handle or any portion of the front frame or trim for lifting.
- Because of the weight and size of the oven, two or more people are needed to move and safely install oven.

Failure to properly grasp the oven door or to lift oven properly could result in damage to product or personal injury.



4. Close oven door to the broil position. Grasp the sides of the oven door and pull the door up and off the hinges to remove. Set door aside.

### ⚠ CAUTION

#### Floor Damage

Before moving oven across floor, check that oven is on shipping base or slide oven onto cardboard or hardboard. Failure to follow these instructions may result in damage to floor covering.

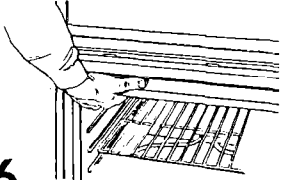
5. Turn power supply off. Move oven close to final position. Remove and discard shipping base, cardboard or hardboard. Feed appliance cable through opening in cabinet. Make electrical connections. See Electrical requirements and Electrical connection sections, Panels A and B.

## CAUTION

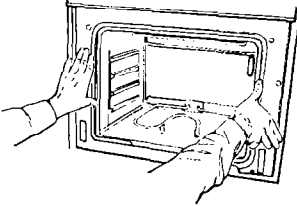
### Product Damage

Carefully push against the seal area on the oven front frame when pushing oven into cabinet. Do Not push against outside edges.

Failure to follow this instruction can result in damage to oven finish.



**6.** Lift wall oven up into cabinet cutout using the oven opening as an area to grip.

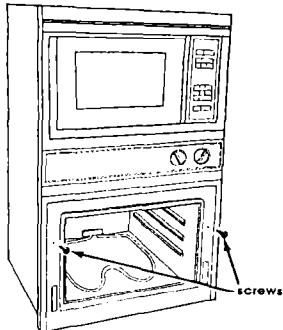


Push against seal area of front frame to push oven into cabinet.

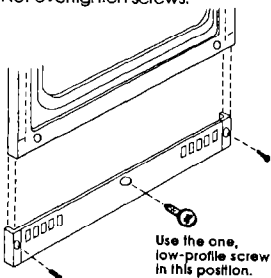
## WARNING

### Personal Injury/ Product Damage Hazard

Securely fasten oven to cabinet using the two screws provided. Failure to do so could cause the oven to move or tip during use and result in personal injury or product damage.



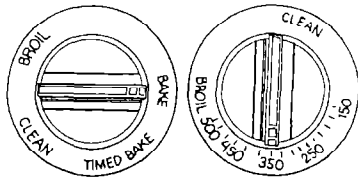
**7.** Center oven in cabinet cutout. Use two screws through the mounting holes in the front frame of the oven to secure oven to cabinet. Do Not overtighten screws.



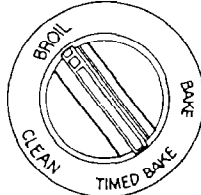
Use the one, low-profile screw in this position.

**8.** Install lower air grille using the three screws provided.

**9.** Install a tray in microwave oven (if microwave oven is so equipped). Place oven racks in oven. Replace the oven door by partially fitting the door hinges into the hinge slots. Pull door slightly towards you; then slide door completely in place. Reinstall the two oven door screws. If door does not close, you have not pushed hinges completely into frame. Turn power supply on.



**10.** Check the operation of the oven. Set oven selector switch to "BAKE". Set oven control knob to 350°F. The bottom and upper outer elements should glow red. The oven Indicator light should be on and the oven should be heating. Turn selector switch and control knob to "OFF".



**11.** Check the operation of the oven broil element. Set oven selector switch and temperature control knob to "Broil". Both of the top elements should glow red. The oven Indicator light should be on and the oven should be heating. Turn selector switch and control knob to "OFF".

## WARNING

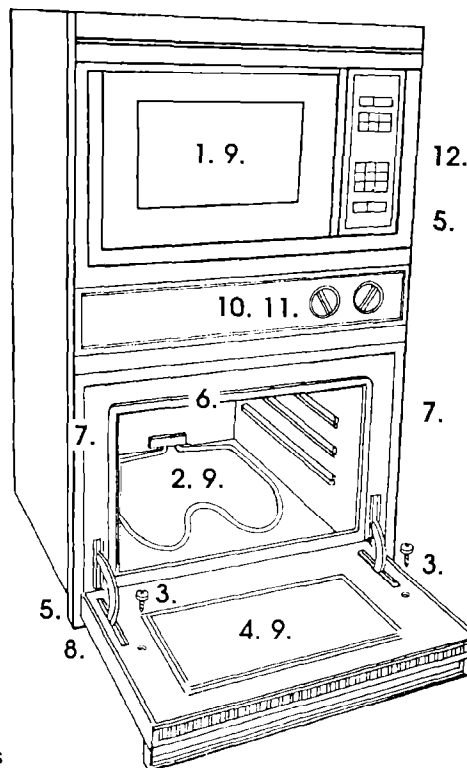
### Personal Injury/ Property Damage Hazard

- Handle heated water with care. Mishandling hot water or steam could result in a serious burn.
- Maintain at least 1/2 quart (or 1/2 liter) of water in container when testing operation of microwave oven.

Failure to maintain proper water level could result in damage to container.

**12.** Check the operation of the microwave oven.

- Fill a microwave-safe container with one quart of water and place container inside microwave oven. Close door firmly.
- Set microwave oven cooking time to ten minutes.
- Press the "START" pad. The interior microwave oven light should be on and the remaining cooking time should be displayed.
- When display reads "5:00," open microwave oven door. The microwave oven should stop cooking.
- Close door firmly. The interior microwave oven light should turn off.
- Press the "START" pad. Microwave oven should begin cooking and the microwave oven Interior light should be on.
- Repeat opening and closing of microwave oven door several times during the remaining cooking time.
- Let microwave oven complete cooking time. A tone will sound for two seconds at end of cooking time and microwave oven will shut off.
- Open microwave oven door and carefully remove container. Water in container should be hot.



Numbers correspond to steps.

## If oven does not operate...

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

## If you need assistance...

The Whirlpool Consumer Assistance Center will answer any questions about operating or maintaining your oven not covered in the Installation Instructions. The Whirlpool Consumer Assistance Center number is open 24 hours a day, 7 days a week. Just dial (800) 253-1301 – the call is free.

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

## If you need service...

In the event your Whirlpool appliance should ever need service, call the dealer from whom you purchased the appliance or a Whirlpool-authorized service company. The dealer or service company is listed in the Yellow Pages of your phone directory under "Appliances – Major – Service or Repair." You can also obtain the name and number by dialing, free within the continental United States, the Whirlpool Consumer Assistance Center number - (800) 253-1301. A special operator will tell you the name and number of your nearest Whirlpool-authorized service company.

