

Installation Instructions

Free-Standing Electric Ranges

Questions? Call 1.800.GE.CARES (1.800.432.2737) or visit www.GEAppliances.com
In Canada, call 1.800.561.3344 or visit www.GEAppliances.ca

BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **Note to consumer** – Keep these instructions for future reference.
- **IMPORTANT** – Save these instructions. Proper installation of this appliance requires a qualified installer or electrician.
- **IMPORTANT** – Observe all governing codes and ordinances.
- **Note to installer** – Be sure to leave these instructions with consumer.

FOR YOUR SAFETY:

- **WARNING** – Before beginning installation, read the instructions carefully. Failure to follow instructions could result in death or serious burns.
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If you did not receive an anti-tip bracket with your purchase, call 1.800.628.8774 to receive one at no cost. In Canada, call 1.800.561.3344 for installation instructions of the bracket. Visit: www.GEAppliances.com. In Canada, visit www.GEAppliances.ca

MATERIALS YOU MAY NEED

- Squeeze Connector (UL Listed 40 AMP) For Conduit
- 4-Wire Cord 4 long OR 3-Wire Cord 4 long
- 1/4" Nut Driver

TOOLS YOU WILL NEED

- Tin Snips
- Safety Glasses
- Tape Measure
- Pliers
- Adjustable Wrench
- Level

- **REMOVE PACKAGING MATERIALS:** Failure to remove packaging materials could result in damage to the appliance. Remove all packing parts from oven, racks, heating elements and drawer. Also remove protective film and labels on the outer door, cooktop and control panel.

3-WIRE INSTALLATION

- **WARNING:** The neutral or ground wire of the power cord must be connected to the neutral terminal in the terminal block. The power leads must be connected to the lower left and the lower right terminals of the terminal block. The power leads must be connected to the lower left and the lower right terminals of the terminal block.

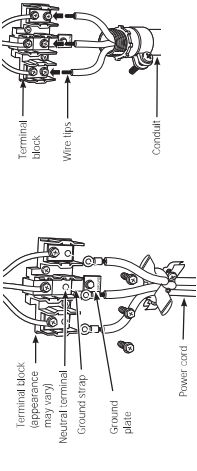
FOR POWER CORD INSTALLATION

- A. Remove the 3 lower terminal screws from the terminal block. Strip wire to exposed 5/8" long.
- B. Insert the center (white/neutral) wire tip through the bottom center terminal block opening, and then into the bottom center block opening. Insert the two side bare wire tips into the lower left and right terminals of the terminal block.
- C. Tighten the screws until the wire is firmly secured (25 to 50 inches). Do not over-tighten the screws.

FOR CONDUIT INSTALLATION

- A. Loosen the 3 lower terminal screws on the terminal block. Strip wire to about 5/8" long.
- B. Insert the center (white/neutral) wire tip through the bottom center terminal block opening. On certain models, the wire will need to be inserted through the ground strap opening, and then into the bottom center block opening. Insert the two side bare wire tips into the lower left and right terminals of the terminal block.
- C. Tighten the screws until the wire is firmly secured (25 to 50 inches). Do not over-tighten the screws.

Power Cord

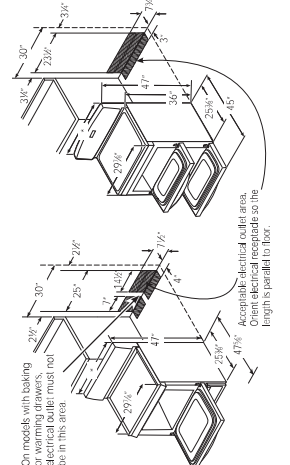


PROCEED TO STEP 7.

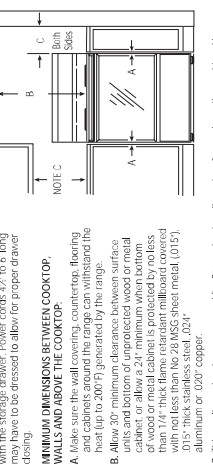
PREPARE THE OPENING FOR INDOOR USE ONLY

See illustrations for all rough-in and spacing dimensions. The range may be placed with 0" clearance (flush) at the back wall and side walls of the cabinet.

SINGLE OVEN



DOUBLE OVEN



NOTE: Use a 4 power cord to prevent interference with the storage drawer. Power cords 4 1/2' to 4' long may have to be dressed to allow for proper drawer closing.

MINIMUM DIMENSIONS BETWEEN COOKTOP, WALLS AND ABOVE THE COOKTOP:

- A. Allow 30" minimum clearance between surface units and bottom of unprojected wood or metal cabinets above the cooktop.
- B. Allow 30" minimum clearance between surface units and bottom of unprojected wood or metal cabinets above the cooktop.
- C. This appliance has been approved for 0" spacing to adjacent surfaces above the cooktop. However, a 6" minimum spacing to reduce exposure to steam, grease splatter and heat.

To reduce the risk of burns or fire when reaching over hot surface elements, cabinet storage space above the cooktop should be avoided. If cabinet storage space is to be provided above the cooktop, the front of the cabinets, installed above the cooktop must be no deeper than 16".

ELECTRICAL REQUIREMENTS

- **WARNING:** The appliance must be properly grounded. All new constructions, mobile homes, recreational vehicles and installations where local codes do not allow grounding through neutral require a 4-conductor UL-listed range cord.
- **WARNING:** To prevent fire or shock, do not use an extension cord with this appliance. Begin installation.

We recommend you have the electrical wiring and hookup of your range connected by a qualified electrician. After installation, have the electrician show you how to disconnect power from the range. You must use a single-phase, 120/208 VAC or 120/240 VAC, 60 hertz electrical system. If you connect to aluminum wiring, properly installed connectors approved for use with aluminum wiring must be used.

Effective January 1, 1996, the National Electrical Code requires that new construction (not existing) utilize a 4-conductor connection to an electric range. When installing an electric range in new construction, mobile homes, recreational vehicles, or an area where local codes prohibit grounding through the neutral conductor, refer to the section on four-conductor branch circuit connections.

Check with your local utilities for electrical codes which apply in your area. Failure to wire your oven must be wired and fused to meet the National Electrical Code, NFPA No. 70 – latest edition, available from the National Fire Protection Association.

This appliance must be supplied with the proper voltage and frequency, and connected to an individual, properly grounded, 40 amp (minimum) branch circuit protected by a circuit breaker or time-delay fuse.

Use only a 3-conductor or a 4-conductor UL-listed range cord. These cords may be provided with ring terminals on wire and a strain relief device.

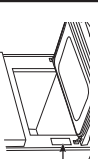
A range cord rated at 40 amps with 125/250 minimum volt range is required. A 50 amp range cord is not recommended but if used, it should be marked for use with nominal 1/2" diameter connection openings. It should be taken to center the cable and strain relief within the 1/2" diameter connection opening. Do not keep the edge from damaging the cable.

The rating plate is located on the oven frame or on the side of the drawer frame.

SINGLE OVEN

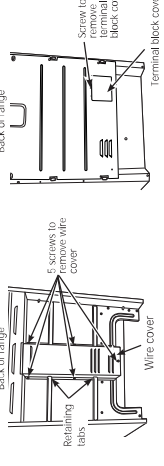


DOUBLE OVEN



POWER CORD AND CONDUIT INSTALLATION

- **A** Remove wire cover (on the back of range) by removing screws using a 1/4" nut driver. You can access the terminal block by either removing a terminal block cover (on some models) or the wire cover. Do not discard these screws.



- **B** For power cord and 1/2" conduit only, remove the knockout ring (1 1/2" located on bracket directly below the terminal block. To remove the knockout, use a pair of pliers to bend the knockout ring in the direction of the bracket and twist until ring is removed.

Terminal block (appearance may vary)

For power and insulation only, use the knot strap (1 1/2" located on bracket directly below the terminal block. To remove the knockout, use a pair of pliers to bend the knockout ring in the direction of the bracket and twist until ring is removed.

NOTE: Do not install the power cord without the terminal block. The terminal block must be installed before installing the rear range wiring over.

For 3/4" conduit installations only, purchase a squeeze connector matching the diameter of your conduit. The squeeze connector must be installed before installing the rear range wiring over. Allow enough slack to install the wires to the terminal block. NOTE: Do not install the conduit without a squeeze connector. The squeeze connector MUST be installed before installing the rear range wiring over.

Proceed to step 5 or 6.

Terminal block (appearance may vary)

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Proceed to step 5 or 6.

LEVEL THE RANGE (CONT)

- **C** Position cord so that it does not interfere with drawer. Place drawer out on guides. Push the drawer into unit. It steps.

- **D** Lift front of drawer and push in until the steps clear the guides.

- **E** Lower the front of the drawer and push in until it drops.

- **F** Plug in the unit.

- **G** Measure the height of your countertop at the rear of the opening (A) as the counter (1).

- **H** Adjust rear leveling legs so that the rear of cooktop is at the same height as the counter (1).

- **I** Slide unit into place.

- **J** Install oven shelves in the oven and position the range where it will be installed.

- **K** Check for levelness by placing a spirit level on one of the oven shelves. Take two readings—with the level placed diagonally first in one direction

- **L** Adjust front leveling legs until the range is level.

FINAL INSTALLATION CHECKLIST

- Check to make sure the circuit breaker is closed (RESET) or the circuit fuses are replaced.
- Be sure power is in service to the building.
- Check that all packing materials and tape have been removed. This will include tape on metal panel under the cooktop and on the back of the range. If any packing materials remain, they could cause damage to the range or the building.
- Check that the door and drawer are parallel to each other and that both operate smoothly. If they are not, adjust the door and drawer leveling legs.
- Check to make sure that the rear leveling leg is fully inserted into the Anti-Tip bracket and that the bracket is securely installed.

OPERATION CHECKLIST

- Turn on one of the surface units to observe that the element glows within 40 seconds. Turn the unit off when the glow is detected. If the glow is not detected within the time limit, recheck the range wiring connections. If change is required, rated again. If no change is required, have building wiring checked for proper connections and voltage.
- Check that the oven door is properly sealed. If the door is not properly sealed, the oven will not heat properly. The oven door is properly sealed if a series of horizontal and vertical lines appear in the display, disconnect power immediately. Recheck the range wiring connections. If change is made to connections, rated again. If no change is required, have building wiring checked for proper connections and voltage. It is recommended that the door be checked if the red lines appear.
- Be sure all range controls are in the OFF position before leaving the range.

ANTI-TIP DEVICE INSTALLATION

- **WARNING:** To reduce the risk of tipping the range, the anti-tip device must be installed. The anti-tip device is shipped with the bracket for complete details.

- **A** Install the anti-tip bracket to the wall or floor. The anti-tip bracket must be installed in a location that will not be damaged by the range. The anti-tip bracket must be installed in a location that will not be damaged by the range. The anti-tip bracket must be installed in a location that will not be damaged by the range.

- **B** Install the anti-tip device to the anti-tip bracket. The anti-tip device must be installed in a location that will not be damaged by the range. The anti-tip device must be installed in a location that will not be damaged by the range. The anti-tip device must be installed in a location that will not be damaged by the range.

- **C** Check the anti-tip device to make sure it is properly installed. The anti-tip device must be installed in a location that will not be damaged by the range. The anti-tip device must be installed in a location that will not be damaged by the range. The anti-tip device must be installed in a location that will not be damaged by the range.

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