Installation Instructions

COMBINATION WALL OVEN

PT9900

Questions? Call us at 1.800.432.2737 or visit GEAppliances.com.
In Canada, call 1.800.561.3344 or visit GEAppliances.ca.

BEFORE YOU BEGIN

Read these instructions carefully and completely.

- **IMPORTANT –** Save these instructions for local inspector's use.
- **IMPORTANT –** Observe all governing codes and ordinances.
- **Note to Installer –** Be sure to leave these instructions with Consumer.
- **Note to Consumer –** Keep these instructions for future reference.
- **Skill level –** Installation of this appliance requires a qualified installer or electrician.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under Warranty.
- Product is for indoor use only.

ATTENTION INSTALLER: All electric wall ovens must be hard wired (direct wired) into an approved junction box. A plug and receptacle is NOT permitted on these products.

FOR YOUR SAFETY:

⚠WARNING Before beginning the installation, switch power off at the service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

Be sure the oven is securely installed in a cabinet that is firmly attached to the house structure. Weight on the oven door could cause the oven to tip and result in injury. Never allow anyone to climb, sit, stand or hang on the oven door.

Make sure the wall coverings, counters and cabinets around the oven can withstand the heat (up to 200°F [93.3°C]) generated by the oven.

Installation Instructions

⚠WARNING To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

- Never allow anyone to climb, sit, stand or hang on the oven door. Injury might result from contact with hot food or the oven itself.
- Do not line the oven walls, racks, bottom, or any other part of the oven with aluminum foil or any other material. Doing so will disrupt heat distribution, produce poor baking results and cause permanent damage to the oven interior (aluminum foil will melt to the interior surface of the oven).
- Do not use aluminum foil or any other material to line the oven bottom. Improper installation of oven liners may result in a risk of electric shock or fire.
- Make sure your appliance is properly installed and grounded by a qualified installer, according to the installation instructions. Any adjustment and service should be performed only by qualified installers or service technicians.
- Be certain that all packing materials are removed from the appliance before operating. Keep plastic, clothes, paper, and other flammable materials away from parts of the appliance that may become hot.
- The electrical power must be shut off while the electrical connections are being made.
- Improper connection of aluminum house wiring to copper leads can result in an electrical hazard or fire.Use only connectors designed for joining copper to aluminum and follow the manufacturer’s recommended procedure closely.

Installation Instructions

Before Installing

Proper Location and Dimensions

⚠CAUTION

- The cabinet base platform must be able to support 400 lbs (181 kg) for this appliance. If the cabinet does not have a solid bottom, two braces or runners must be installed level with the bottom of the cutout to support the weight of the appliance. Make sure the base is level and the front of the cabinet is square. If the cabinet base is not level, the oven racks will tend to slide out when opening the door.
- DO NOT remove spacers on the side walls of the built-in oven. These spacers center the oven in the space provided. The oven must be centered to prevent excess heat buildup that may result in heat damage or fire.
- The information in this manual should be followed exactly. Failure to do so could result in fire or electrical shock, causing property damage, personal injury or death.
- DO NOT put any weight on the oven door. Never allow anyone to climb, sit, stand or hang on the oven door. The oven could be tipped and injury might result from contact with hot food or the oven itself.
- DO NOT block the oven air exhaust located at the bottom of the oven. Blocking the exhaust may cause cabinet damage and product malfunction.

NOTE:

- If marks, blemishes or the cutout opening are visible above the installed appliance, it may be necessary to add wood shims under the runners and front trim until the marks or opening are covered.
- If the cabinet does not have a front frame and the sides are less than 3/4” (1.9 cm) thick, shim both sides equally to establish the cutout width.
- The junction box must be flush with the conduit opening of the cabinet as shown below.
- Allow at least a 23” clearance for the door depth when it is open.
- Do not remove the gliding racks from the base packing. Gliding racks are attached separately.

Instrucciones de instalación

PARA SU SEGURIDAD:

⚠ADVERTENCIA Antes de comenzar la instalación, desconecte la energía del panel de servicio y bloquee los medios de desconexión para evitar el accionamiento de la energía de manera accidental. Cuando los medios de desconexión de servicio no pueden bloquearse, coloque sobre el panel de servicio un dispositivo de advertencia bien visible, como una etiqueta.

El horno debe instalarse bien en un gabinete que se encuentre firmemente sujeto a la estructura de la casa. Si se coloca peso sobre la puerta del horno, éste puede volcarse y provocar lesiones. Nunca permita que nadie se suba, siente, pare o cuelgue de la puerta del horno.

Verifique que el revestimiento de las paredes, mostradores y gabinetes ubicados alrededor del horno puedan soportar el calor (hasta 200°F [93,3°C]) generado por el horno.

⚠ADVERTENCIA Para reducir el riesgo de explosiones, incendios, descargas eléctricas, quemaduras, lesiones o muerte de las personas al usar este producto, siga las precauciones básicas, incluidas las siguientes:

- Nunca permita que nadie se suba, pare o cuelgue de la puerta del horno. Podría sufrir lesiones por el contacto con la comida caliente o el horno mismo.
- No recubra las paredes del horno, los estantes, el fondo ni ninguna otra parte del horno con papel de aluminio ni ningún otro material. Esto altera la distribución de calor, produce resultados de horneado deficientes y causa daños permanentes al interior del horno (el papel de aluminio se fundirá en la superficie interior del horno).
- No utilice papel de aluminio ni ningún otro material para revestir la base del horno. La instalación inadecuada de los revestimientos del horno podría causar riesgo de descarga eléctrica o incendio.
- Haga que un instalador calificado instale y conecte a tierra su electrodoméstico de manera apropiada, de acuerdo con las instrucciones de instalación. Cualquier ajuste y servicio deben realizarlo exclusivamente instaladores de hornos o técnicos de servicio calificados.
- Asegúrese de retirar todos los materiales del embalaje antes de la puesta en funcionamiento. Mantenga el plástico, telas, papel y otros materiales inflamables lejos de las piezas del electrodoméstico que se podrían calentar.
- Se debe cortar el suministro de electricidad mientras se llevan a cabo las conexiones eléctricas.
- La conexión incorrecta del cableado doméstico de aluminio a los cables de cobre puede provocar descargas eléctricas o un incendio. Utilice únicamente conectores diseñados para unir cobre con aluminio y siga al pie de la letra el procedimiento recomendado por el fabricante.

Instrucciones de instalación

ANTES DE LA INSTALACIÓN

Dimensiones y ubicación adecuadas

⚠PRECAUCIÓN

- Para este electrodoméstico, la plataforma base del gabinete debe poder soportar 400 lb (181 kg). Si el gabinete no cuenta con un fondo sólido, deben instalarse dos travesaños o guías nivelados con la parte inferior del corte para sostener el peso del electrodoméstico. Asegúrese de que la base se encuentre nivelada y que el frente del gabinete esté derecho. Si la base del gabinete no está nivelada, los estantes del horno tenderán a deslizarse hacia afuera cuando se abra la puerta.
- NO quite los espaciadores de las paredes laterales del horno empotrado. Estos espaciadores centran el horno en el espacio provisto. El horno debe centrarse para evitar una acumulación excesiva de calor que puede provocar daños o un incendio.
- La información en este manual se debe seguir exactamente. Si no se hace, podría tener como resultado incendio o descarga eléctrica, causar daños a la propiedad, lesiones personales o la muerte.
- NUNCA coloque peso sobre la puerta del horno. Nunca permita que nadie se suba, siente, pare o cuelgue de la puerta del horno. El horno se podría inclinar y podría sufrir lesiones por el contacto con la comida caliente o el horno mismo.
- NO bloquee la salida del aire del horno, ubicada en la parte inferior del horno. Si bloquea la salida, puede causar daños en el gabinete y mal funcionamiento del producto.

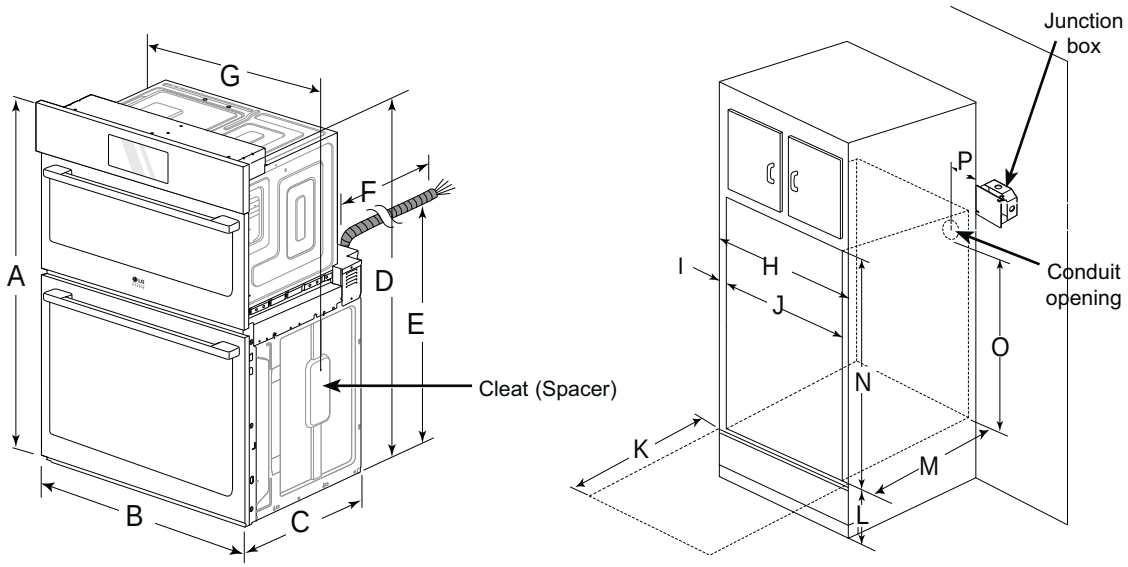
NOTA:

- Si quedaran a la vista marcas, imperfecciones o una abertura sobre el electrodoméstico instalado, puede ser necesario agregar cuñas de madera bajo las guías y el reborde frontal hasta cubrir dichas marcas o abertura.
- Si el gabinete no cuenta con un marco frontal y los lados tienen un grosor menor a 3/4” (1.9 cm), coloque cuñas uniformemente sobre ambos lados para establecer el ancho de la abertura.
- La caja de conexiones debe estar alineada con la abertura del conducto del gabinete, como se muestra abajo.
- Permita al menos un espaciado de 23” para la profundidad de la puerta cuando se abre.
- No extraiga los estantes deslizantes del embalaje de base. Los estantes deslizantes vienen instalados aparte de las partes superiores e inferiores del horno.

Installation Instructions

DIMENSIONS AND CLEARANCES

Measure the current cutout dimensions and compare them to the cutout dimensions shown below. Little or no cabinet work may be necessary.

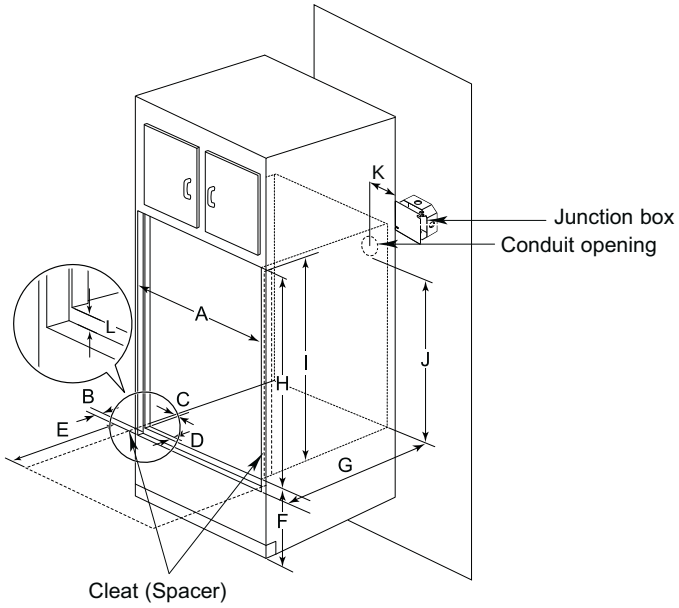


	List	Dimensions
A	Height	43 13/16” (111.3 cm)
B	Width	29 3/4” (75.5 cm)
C	Depth	23 3/8” (59.3 cm)
D	Height (standard installation)	43 3/16” (109.7 cm)
E	Height (power cord)	25 7/8” (65.6 cm)
F	Length (power cord)	60” (152.4 cm)
G	Width (standard installation)	28 7/16” (72.2 cm)
H	Cabinet width	30” (76.2 cm)
I	Overlap of oven	1” (2.5 cm)
J	Cutout width	28 1/2” Min. (72.4 cm) 28 5/8” Max. (72.7 cm)
K	Depth of open door	23” (58.4 cm)
L	Cutout location from floor	12” Min.(30.5 cm)
M	Cutout depth	24” Min. (61.0 cm)
N	Cutout height	43 7/16” Min. (110.3 cm) 43 1/2” Max. (110.5 cm)
O	Height of conduit opening from floor of cutout	39 27/32” (101.2 cm)
P	Distance of conduit opening from side of cabinet	5” (12.7 cm)

31-2001800 Rev. 1

Installation Instructions

CUTOUT DIMENSIONS (FLUSH)

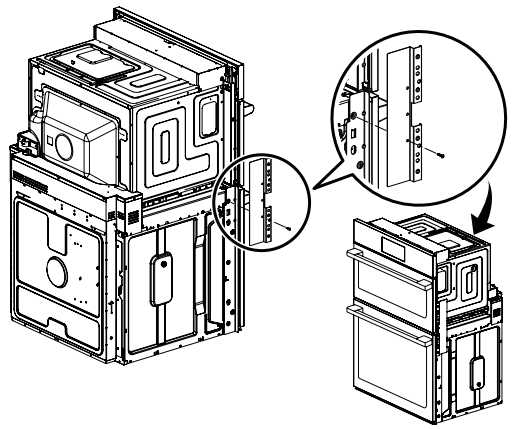


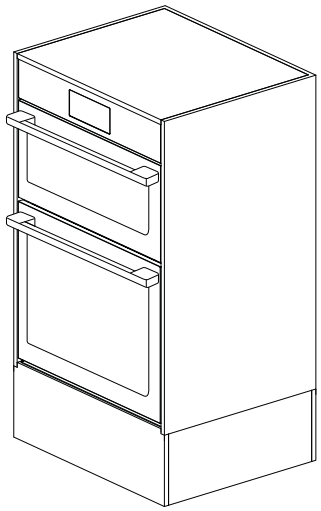
List		Dimensions
A	Cutout width	30” (76.2 cm)
B	Cleat (spacer) inset from front of cabinet	1 3/8” (3.5 cm)
C	Cleat (spacer) width	3/16” (0.5 cm)
D	Cleat (spacer) depth	1” (2.5 cm)
E	Depth of open door	23” (58.4 cm)
F	Bottom of cutout from floor	12” (30.5 cm)
G	Cutout depth	25” (63.5 cm)
H	Cutout height	44” (111.8 cm)
I	Cleat (spacer) height	43 13/16” (111.3 cm)
J	Height of conduit opening from floor of cutout	39 7/8” Min. (101.2 cm)
K	Distance of conduit opening from side of cabinet	5” (12.7 cm)
L	Bottom of bottom decorative trim to vent opening	3/4” (1.9 cm)

Installation Instructions

WHEN INSTALLING FLUSH CABINET

- The provided cover brackets are only used for flush cabinet installations.
- Remove one screw from the left and right sides as shown. These screw holes will be used to mount the cover brackets. Install the cover brackets on the sides of the oven with the provided self-tapping screws.



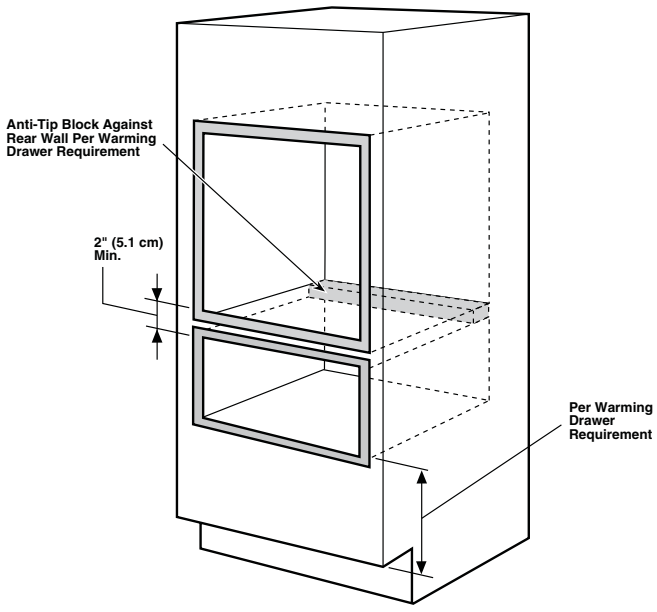


CUTOUT FOR INSTALLATION OVER A WARMING DRAWER

NOTE: Install the oven only with specific models listed on the label located on top of the oven.

NOTE: Additional clearances between cutouts may be required. Check to be sure the oven supports above the Warming Drawer location do not obstruct the required interior depth and height.

When installing a Warming Drawer below a single, double, or combination oven, a separate 120V, 60 HZ, properly grounded receptacle must be installed. Refer to installation instructions packed with the Warming Drawer for specific installation requirements.



Installation Instructions

PARTS / TOOLS

⚠WARNING Mounting screws must be used. Failure to do so can result in the oven falling out of the cabinet causing serious injury.

⚠ADVERTENCIA Deben utilizarse tornillos de montaje. De lo contrario, el horno podría caer del gabinete y ocasionar lesiones graves.

Parts Provided



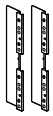
4x14 6 Wood screws for mounting (4 needed for installation and 2 extras)



3x27 6 Wood screws for mounting (for flush installation)



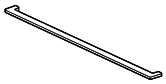
4x22 2 Self-tapping screws for cover bracket



2 Cover brackets for flush installation

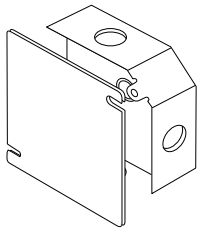


4x10 2 Screws for bottom decorative trim

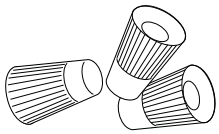


Bottom decorative trim

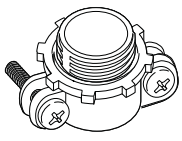
Parts Not Provided

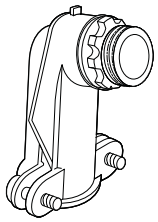


Junction Box



Wire Nuts





3/4” Conduit Connector



36” (91 cm) of String

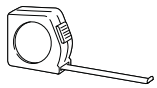
Tools Needed



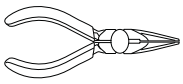
Phillips screwdriver



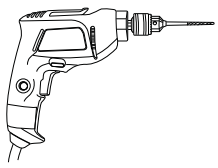
Flat-blade screwdriver



Tape measure



Pliers



Drill



Safety Glasses



Gloves

NOTE:

- Observe all governing codes and ordinances.
- Have the installer show you the location of the circuit breaker or fuse. Mark it for easy reference.
- As when using any appliance generating heat, there are certain safety precautions you should follow.
- Be sure your appliance is installed and grounded properly by a qualified installer or service technician.

Installation Instructions

UNPACKING AND REMOVING OVEN DOORS

⚠WARNING

- Keep packing materials out of the reach of children. Packaging material can be dangerous for children. There is a risk of suffocation.
- You should use two or more people to move and install the appliance. (Excessive Weight Hazard) Failure to do so can result in back or other injury.
- Do not use the door handles to push or pull the appliance during installation or when moving the appliance out for cleaning or service. Doing so can result in serious damage to the door of the appliance.
- To reduce the risk of burns, do not move this appliance while it is hot.

⚠ADVERTENCIA

- No deje los materiales de empaque al alcance de los niños. Estos materiales pueden ser peligrosos para los niños y presentan riesgo de asfixia.
- Debe haber dos o más personas para mover e instalar el electrodoméstico. (Peligro de peso excesivo). Si no se cumple con esto, se pueden producir lesiones en la espalda o de otro tipo.
- No utilice las manijas de la puerta para empujar o tirar del electrodoméstico durante la instalación ni al moverlo para tareas de limpieza o reparaciones. Si lo hace, podría causar daños graves a la puerta del electrodoméstico.
- Para reducir el riesgo de quemaduras, no mueva el electrodoméstico mientras esté caliente

NOTE:

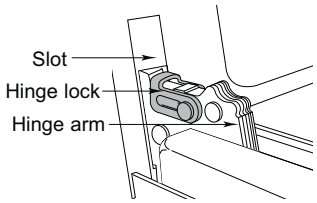
- To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your appliance.
- Door removal is not a requirement for installation of the oven, but is an added convenience.

Unpacking Materials

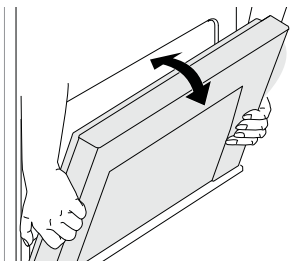
Remove any packing material from the oven before installing the oven.

1. Remove all tape from around the oven.
2. Open the oven door and remove packaging materials and oven racks inside the oven.

Removing Lower Oven Door



1. Fully open the door.
2. Unlock the hinge locks, rotating them as far toward the open door frame as they will go.
3. Firmly grasp both sides of the door at the top.
4. Close the door to the removal position (approximately five degrees) which is halfway between the broil stop position and fully closed. If the position is correct, the hinge arms will move freely.



5. Lift door up and out until the hinge arm is clear of the slot.

UNPACKING AND REMOVING OVEN DOORS (Cont.)

Removing Lower Oven Door (Cont.)

NOTE:

- Use two hands to remove lower oven door.
- Do not lift the door by the handle. The oven door is very heavy. Firmly grasp the door by the sides before lifting it off the hinges.
- Do not lay the oven door on its handle. Doing so may cause dents or scratches.

ELECTRICAL REQUIREMENTS

We recommend you have the electrical wiring and hookup of your appliance connected by a qualified electrician. After installation, have the electrician show you how to disconnect power from 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 constructions (not existing) utilize a 4-conductor connection to an electric appliance. When installing an electric appliance in new construction, mobile home, recreational vehicle, 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 appliance according to governing codes could result in hazardous condition. If there are no local codes, your appliance 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, minimum 40 amp branch circuit protected by a circuit breaker or time-delay fuse.

DO NOT shorten the flexible conduit. The conduit strain relief clamp must be securely attached to the junction box and the flexible conduit must be securely attached to the clamp. If the flexible conduit will not fit within the clamp, do not install the oven until a clamp of the proper size is obtained.

The 3 power leads supplied with this appliance are suitable for connection to heavier gauge household wiring. The insulation of these 3 leads is rated for temperatures much higher than the temperature rating of the household wiring. The current-carrying capacity of the conductor is governed by the wire gauge and the temperature rating of the insulation around the wire.

NOTE: You will need to purchase an appropriate conduit connector to complete the connection of the conduit to the junction box.

⚠WARNING

- This appliance must be properly grounded
- To prevent shock, remove house fuse or open circuit breaker before beginning installation.
- A U.L.-listed conduit connector must be provided at the junction box.
- The appliance must be hard wired (direct wired) into an approved junction box. A plug and receptacle is not permitted on these products.
- DO NOT shorten the flexible conduit. The conduit connector must be securely attached to the junction box and the flexible conduit must be securely attached to the conduit connector. If the flexible conduit will not fit within the connector, do not install the oven until a connector of the proper size is obtained.

Installation Instructions

ELECTRICAL REQUIREMENTS (Cont.)

⚠WARNING (Cont.)

- Improper connection of aluminum house wiring to copper leads can result in an electrical hazard or fire. Use only connectors designed for joining copper to aluminum and follow the manufacturer's recommended procedure closely.

⚠ADVERTENCIA

- Este aparato debe contar con una adecuada conexión a tierra.
- NO coloque un fusible en el circuito central o de conexión a tierra.
- Para prevenir una descarga eléctrica, quite el fusible o abra el interruptor de circuitos antes de comenzar la instalación.
- La caja de conexiones debe contar con un conector de conductos homologado por UL.

⚠ADVERTENCIA (Cont.)

- El electrodoméstico debe contar con cableado de conexión permanente (cableado directo) a una caja de conexiones aprobada. En estos productos, no se permite la conexión del tipo "enchufe y receptáculo".
- NO acorte el conducto flexible. El conector de conductos debe quedar bien sujeto a la caja de conexiones y el conducto flexible debe quedar bien sujeto al conector de conductos. Si el conducto flexible no entra dentro del conector, no instale el horno hasta obtener un conector del tamaño adecuado.
- La conexión incorrecta del cableado doméstico de aluminio a los cables de cobre puede provocar descargas eléctricas o un incendio. Utilice únicamente conectores diseñados para unir cobre con aluminio y siga al pie de la letra el procedimiento recomendado por el fabricante.

MAKING ELECTRICAL CONNECTIONS

⚠WARNING Switch power off at the service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

⚠ADVERTENCIA Switch power off at the service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

3-Wire Connection from Home Power

1. Turn off the circuit breaker or remove fuses to the oven branch circuit.
2. Place the oven on a table or platform even with the cutout opening. The table or platform must support 220 lbs (100 kg) for a combination wall oven.
3. With the oven positioned directly in front of the cabinet opening, connect the flexible conduit to the electrical junction box using an appropriate conduit connector. Position the conduit in such a manner that it will lie on top of the oven in a natural loop when the oven is installed.

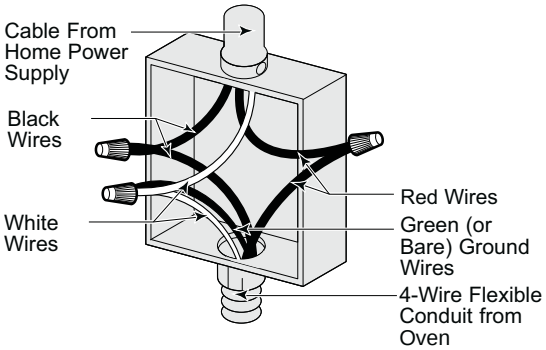
Installation Instructions

MAKING ELECTRICAL CONNECTIONS (Cont.)

3-Wire Connection from Home Power

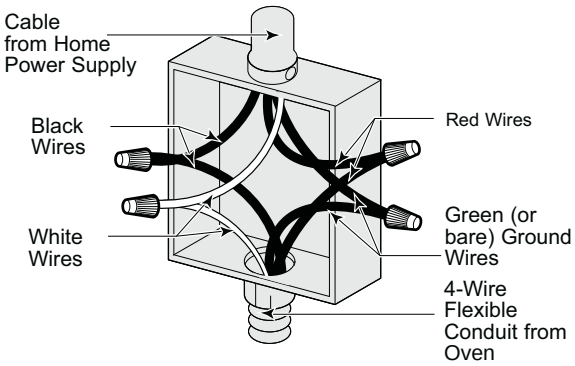
NOTE: If residence leads are aluminum conductors, see WARNING in Electrical Requirement section.

When connecting to a three-conductor branch circuit, if local codes permit.



1. Connect the oven ground (green) wire and neutral (white) wire to the branch circuit neutral (white or gray) wire, using a wire nut.
2. Connect the oven red wire to the branch circuit red (L2) wire in accordance with local codes, using a wire nut.
3. Connect the oven black wire to the branch circuit black (L1) wire in accordance with local codes, using a wire nut.
4. Install the junction box cover.

4-Wire Connection from Home Power Supply



1. Separate the oven ground and white wires if necessary.
2. Connect the oven ground (green) wire to the branch circuit ground (green) wire in accordance with local codes, using a wire nut.
3. Connect the oven white wire to the branch circuit neutral (white or gray) wire in accordance with local codes, using a wire nut.
4. Connect the oven red wire to the branch circuit red (L2) wire in accordance with local codes, using a wire nut.
5. Connect the oven black wire to the branch circuit black (L1) wire in accordance with local codes, using a wire nut.
6. Install the junction box cover.

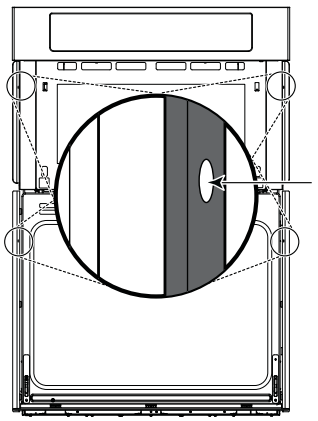
Installation Instructions

INSTALLING OVEN AND ASSEMBLING OVEN DOORS AND BOTTOM DECORATIVE TRIM

Installing the Oven

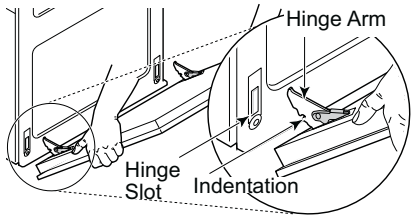
Install the oven into the cabinet as follows:

1. Use caution when lifting the oven and wear gloves to protect hands from any sharp edges.
2. Use two or more people to lift or move the oven into the cabinet opening.
   - Loop (do not tie) a 36” (91 cm) string around the conduit before the oven is slid into place. Lay the string over the top of the oven and use it to keep the conduit from falling behind the oven.
   - Lift oven into cabinet cutout using the oven opening as a grip. Carefully push against the oven front frame. Do not push against outside edges.
   - While sliding the oven back, pull the string so that the conduit lies on the top of the oven in a natural loop.
   - When you are sure the conduit is out of the way, slide the oven 3/4 way back into the opening. Remove the string by pulling on one end of the loop.
3. Secure the oven.
   - Using the mounting holes on the oven side trim as a guide, drill pilot holes for screws provided. (For securing the oven, use a minimum of 4 screws, one on each side in both the upper and lower ovens.)
   - Secure the oven to the cabinet with screws provided. If the cabinet is particle board, you must use 3/4” particle board screws. These may be purchased at any hardware store.

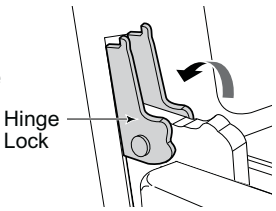


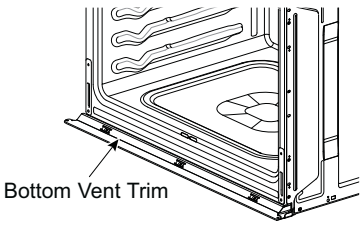
Assembling Oven Doors

1. Firmly grasp both sides of the door at the top.
2. With the door at the same angle as the removal position, seat the indentation of the hinge arms into the bottom edge of the hinge slots. The notch in the hinge arms must be fully seated into the bottom edge of the slots.



3. Open the door fully. If the door will not open fully, the indentation is not seated correctly in the bottom edge of the slots.
4. Lock the hinge locks, rotating them back toward the slots in the oven frame until they lock.
5. Close the oven door.





Installation Instructions

INSTALLING OVEN AND ASSEMBLING OVEN DOORS AND BOTTOM DECORATIVE TRIM (Cont.)

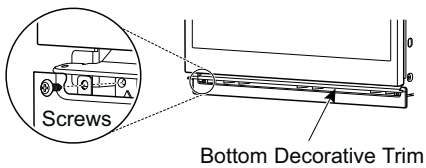
Assembling Oven Doors (Cont.)

NOTE:

- When you install the oven door, be careful not to bump the bottom vent trim.
- Keep oven vents unobstructed. Replace the bottom vent trim if it becomes bent or deformed. Never block the vent with plastic or heat-sensitive items.

Assembling the Bottom Decorative Trim

- After installing the oven in the cabinet, assemble bottom decorative trim with 2 screws (4X10).



TEST THE OVEN BEFORE USE

Each of the functions has been factory checked before shipping. However, it is suggested that you verify the operation of the oven once more. Refer to the Owner's Manual. Follow the instructions for the basic check.

- Turn on power supply. The initial signal sound is heard and the Clock segment appears in the display.

NOTE:

- Depending on the model, some of the following functions may not be available.

Common

1. Turn on the power supply. The initial signal sound will be heard.
2. Check the operation of the broil mode.
   - When the oven is set to broil, the upper element in the oven should become red. After a few minutes, partially open the oven door. You should feel heat from the oven. Touch **Stop**.
3. Check the operation of the convection bake mode.
   - After setting the oven to 350° / 177° for convection baking, the fan inside the oven should come on with the door closed. Touch **Stop**.
4. Check the operation of the bake mode.
   - After setting the oven to 350° / 177° for baking, the temperature of the oven in the display should increase. Touch **Stop**.
5. Turn on and off the oven light to check that the lights are in normal condition.

Upper Oven

1. Place a glass bowl filled with water in upper oven.
2. Turn the microwave on for 1 minute. The water should be hot.
3. Touch **Stop**.

Lower Oven

Check the operation of the burner for each convection mode.

- After setting the oven to 350° / 177° for each convection mode, the back element should light up and the fan inside the oven should come on with the door closed.

NOTE:

- A small amount of smoke and odor may be noticeable during the initial break-in period.
- If the oven does not operate properly or an F-, followed by a number, appears in the display, see the Owner's Manual for the troubleshooting list. The list includes common occurrences that are not the result of defective workmanship or materials in this product. If the problem occurs continuously, contact the dealer.
- Refer to the warranty in the Owner's Manual for the GE Appliance, a Haier company, toll-free service number and address.

NOTES: