

ELECTRIC WALL OVEN INSTALLATION INSTRUCTIONS

(and Optional Electric or Gas Cooktop Combination)

INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER.

IMPORTANT: SAVE FOR LOCAL ELECTRICAL INSPECTOR'S USE.

READ AND SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

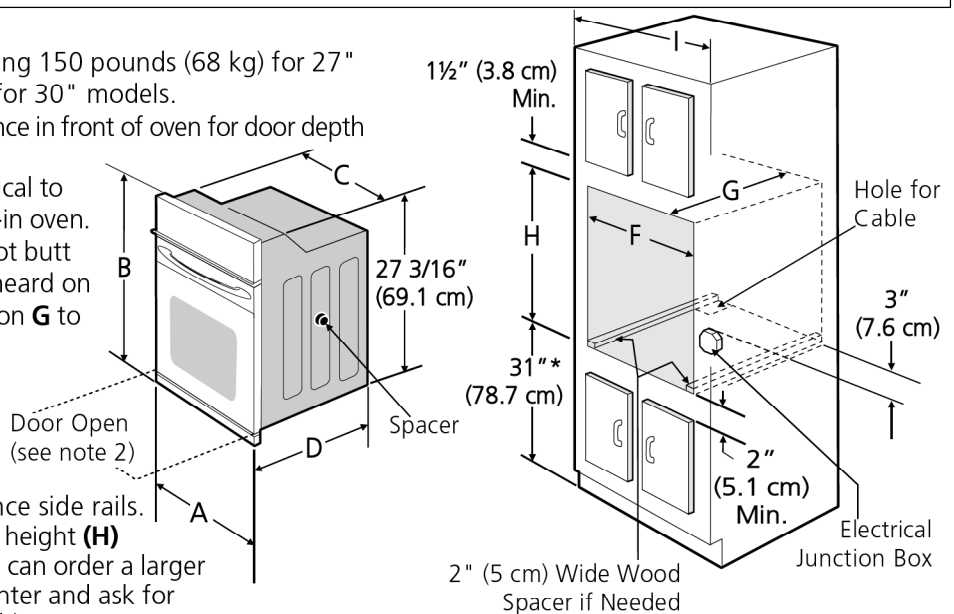
⚠ WARNING FOR YOUR SAFETY: Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

Your new wall oven has been designed to fit a limited variety of cutout sizes to make the job of installing easier. The first step of your installation should be to measure your current cutout dimensions and compare them to the cutout dimensions chart below for your model. You may find little or no cabinet work being necessary.

⚠ WARNING Do not remove spacers (if equipped) on the side walls and/or on the back 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.

NOTES:

1. Base must be capable of supporting 150 pounds (68 kg) for 27" models and 200 pounds (90 kg) for 30" models.
2. Allow at least 21" (53.3 cm) clearance in front of oven for door depth when it is open.
3. Dimension **G** (cutout depth) is critical to the proper installation of the built-in oven. If the oven decorative trim does not butt against the cabinet, or if noise is heard on convection models, verify dimension **G** to assure it is the required depth.
4. For a cutout height greater than **28¹/₈" (71.4 cm)** add one 2" (5 cm) wide wood shim of appropriate height to each side of the opening under the appliance side rails.
5. **30" MODELS ONLY:** For a cutout height (**H**) greater than **28⁵/₈" (72.7 cm)** you can order a larger inferior trim, contact a Service Center and ask for part #318259703 (for white models), 318259704 (black models), 318259705 (bisque models) or 318259707 (stainless steel models).



* Suggested distance from floor is 31" (78.7 cm). Minimum required distance is 4 1/2" (11.4 cm).

Figure 1
27" and 30" Single Wall Ovens (Double ovens see Figure 2)

PRODUCT DIMENSIONS						
MODEL	A		B	C		D
27" (68.6 cm) Wall Oven	27 (68.6)		29 (73.7)	24 ⁵ / ₈ (62.5)		24½ (62.2)
30" (76.2 cm) Wall Oven	30 (76.2)		29 (73.7)	28¼ (71.8)		24½ (62.2)
CUTOUT DIMENSIONS AND CABINET WIDTH						
MODEL	Min. F Max.		G (Min.)	Min. H Max.		I
27" (68.6 cm) Wall Oven	24 ⁷ / ₈ (63.2)	25¼ (64.1)	23½ (59.7)	27¼ (69.2)	28 ⁵ / ₈ (72.7)	27⅛ (68.9) Min
30" (76.2 cm) Wall Oven	28½ (72.4)	29 (73.7)	23½ (59.7)	27¼ (69.2)	28 ⁵ / ₈ (72.7)	30⅛ (76.5) Min

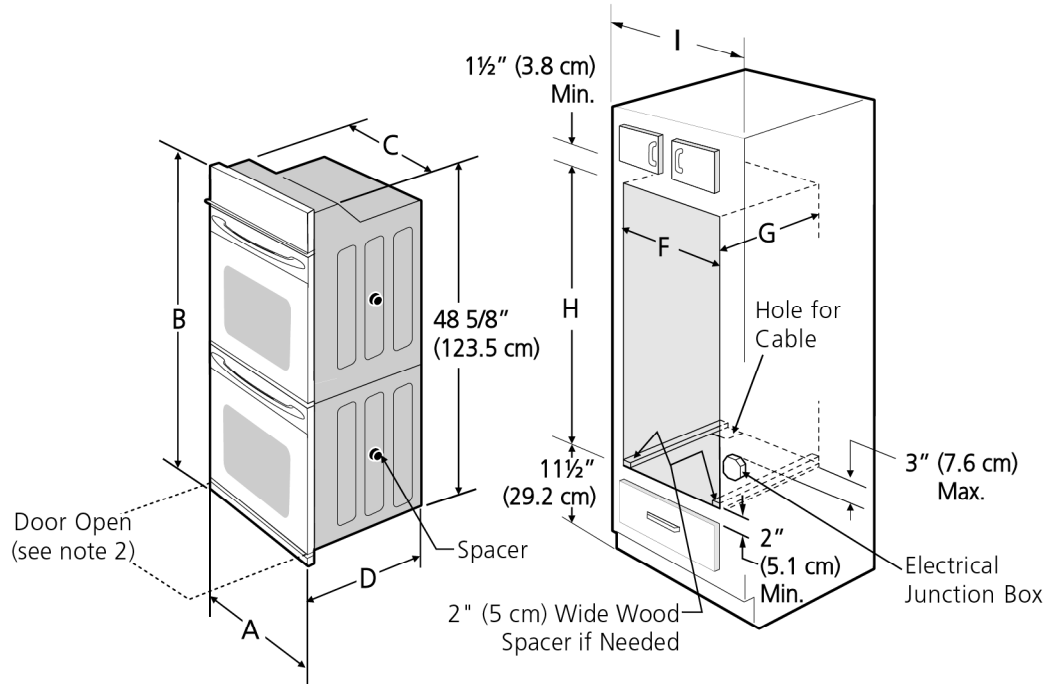
All dimensions are in inches (cm).
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⚠ WARNING Do not remove spacers (if equipped) on the side walls and/or on the back of the built-in oven. These spacers center the oven in the space provided. The oven must be centered to prevent excess heat buildup that may result in heat damage or fire.



NOTES:

1. Base must be capable of supporting 300 pounds (136 kg) for 27" models and 375 pounds (170 kg) for 30" models.
2. Allow at least 21" (53.3 cm) clearance in front of oven for door depth when it is open.
3. Dimension **G** (cutout depth) is critical to the proper installation of the built-in oven. If the oven decorative trim does not butt against the cabinet, or if noise is heard on convection models, verify dimension **G** to assure it is according to the required dimension.
4. For a cutout height greater than **49 1/2" (125.7 cm)** add a 2" (5 cm) wide wood shim of appropriate height to each side of the opening under the appliance side rails.
5. **30" MODELS ONLY:** For a cutout height (**H**) greater than **49 7/8" (126.7 cm)** you can order a larger inferior trim through a Service Center.

Figure 2
27" AND 30" DOUBLE OVENS (Single Ovens see Figure 1)

PRODUCT DIMENSIONS						
MODEL	A		B	C		D
27 " (68.6 cm) Wall Oven	27 (68.6)		50 ⁷ / ₁₆ (128.1)	24 ⁵ / ₈ (62.5)		24½ (62.2)
30 " (76.2 cm) Wall Oven	30 (76.2)		50 ⁷ / ₁₆ (128.1)	28¼ (71.8)		24½ (62.2)
CUTOUT DIMENSIONS AND CABINET WIDTH						
MODEL	Min. F Max.		G (Min.)	Min. H Max.		I
27 " (68.6 cm) Wall Oven	24 ⁷ / ₈ (63.2)	25¼ (64.1)	23½ (59.7)	48 ⁷ / ₈ (124.1)	49 ⁷ / ₈ (126.7)	27 ¹ / ₈ (68.9) Min
30 " (76.2 cm) Wall Oven	28½ (72.4)	29 (73.7)	23½ (59.7)	48 ⁷ / ₈ (124.1)	49 ⁷ / ₈ (126.7)	30 ¹ / ₈ (76.5) Min

All dimensions are in inches (cm).

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Important Notes to the Installer

1. Read all instructions contained in these installation instructions before installing the wall oven.
2. Remove all packing material from the oven compartments before connecting the electrical supply to the wall oven.
3. Observe all governing codes and ordinances.
4. Be sure to leave these instructions with the consumer.
5. Oven door may be removed to facilitate installation.
6. **THESE OVENS ARE NOT APPROVED FOR STACKABLE OR SIDE-BY-SIDE INSTALLATION.**

Important Note to the Consumer

Keep these instructions with your Owner's Guide for future reference.

IMPORTANT SAFETY INSTRUCTIONS

- **Be sure your wall oven is installed and grounded properly by a qualified installer or service technician.**
- **This wall oven must be electrically grounded in accordance with local codes or, in their absence, with the National Electrical Code ANSI/NFPA No.70- latest edition in United States, or with CSA Standard C22.1, Canadian Electrical Code, Part 1, in Canada.**

⚠ WARNING Stepping, leaning or sitting on the door of this wall oven can result in serious injuries and can also cause damage to the wall oven.

- **Never use your wall oven for warming or heating the room.** Prolonged use of the wall oven without adequate ventilation can be dangerous.

⚠ WARNING The electrical power to the oven must be shut off while line connections are being made. Failure to do so could result in serious injury or death.

1. Carpentry

Refer to figure 1 or 2 for the dimensions applicable to your appliance, and the space necessary to receive the oven. The oven support surface may be solid plywood or similar material, however the surface must be level from side to side and from front to rear.

2. Electrical Requirements

This appliance must be supplied with the proper voltage and frequency, and connected to an individual, properly grounded branch circuit, protected by a circuit breaker or fuse, having amperage as noted on the rating plate (the rating plate is located on the side trim).

Observe all governing codes and local ordinances

1. A 3-wire or 4-wire single phase 120/240 or 120/208 Volt, 60 Hz AC only electrical supply is required on a separate circuit fused on both sides of the line (time-delay fuse or circuit breaker is recommended). DO NOT fuse neutral. The fuse size must not exceed the circuit rating of the appliance specified on the nameplate. Only certain cooktop models may be installed over certain built-in electric oven models. Approved cooktops and built-in ovens are listed by the MFG ID number (see the insert sheet included in the literature package).
2. The single wall oven can consume up to 4000W at 240Vac; use a circuit breaker of 30 Amp with wire gauge #8 AWG. The double wall oven can consume up to 8000W at 240Vac; use a circuit breaker of 40 Amp with wire gauge #8 AWG.

NOTE: Wire sizes and connections must conform with the fuse size and rating of the appliance in accordance with the American National Electrical Code ANSI/NFPA No. 70-latest edition, or with Canadian CSA Standard C22.1, Canadian Electrical Code, Part 1, and local codes and ordinances.

⚠ WARNING An extension cord should not be used with this appliance. Such use may result in a fire, electrical shock, or other personal injury. If you need a longer power cord you can order for purchase a 10' (3m) power cord kit #903056-9010 by calling the Service Center.

3. These appliances should be connected to the fused disconnect (or circuit breaker) box through flexible armored or nonmetallic sheathed cable. The flexible armored cable extending from the appliance should be connected directly to the junction box. The junction box should be located as shown in Figure 1 or Figure 2 and with as much slack as possible remaining in the cable between the box and the appliance, so it can be moved if servicing is ever necessary.
4. A suitable strain relief must be provided to attach the flexible armored cable to the junction box.

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⚠ 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.**
- **Do not use a gas supply line for grounding the appliance.**

Failure to do any of the above could result in a fire, personal injury or electrical shock.

⚠ CAUTION In cold weather shipping and storage conditions, make sure that oven is in final location at least three (3) hours before switching on power. Switching on power while oven is still cold may damage the oven controls.

3. Adjusting Oven Height

Oven height can be adjusted with 2" (5 cm) wide wood shims when needed to fit into an existing cabinet cutout opening, when cutout height exceeds **28¹/₈" (71.4 cm)** for the single wall oven or **49¹/₂" (125.7 cm)** for the double wall oven (see Figure 1 or 2). Place shims of appropriate height beneath the oven side rails.

4. Electrical connection

It is the responsibility and obligation of the consumer to contact a qualified installer to assure that the electrical installation is adequate and is in conformance with the National Electrical Code ANSI/NFPA No. 70-latest edition, or with CSA Standard C22.1, Canadian Electrical Code, Part 1, and local codes and ordinances.

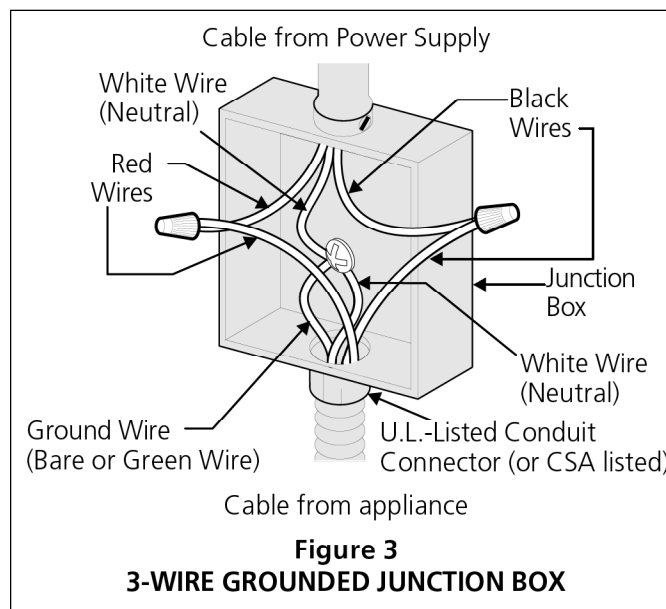
Electrical ground is required on this appliance.

These appliances are equipped with a copper conductor flexible cable. If connection is made to aluminum house wiring, use only special connectors which are approved for joining copper and aluminum wires in accordance with National Electrical Code and local codes and ordinances.

These appliances are manufactured with a white neutral power supply wire and a frame connected green or bare copper grounding wire.

Where local codes permit connecting the appliance-grounding conductor to the neutral (white) wire (US Only) (see figure 3):

1. Disconnect the power supply.
2. In the circuit breaker, fuse box or junction box: connect appliance and power supply cable wires as shown in Figure 3.



⚠ WARNING Improper connection of aluminum house wiring to copper leads can result in a short circuit or fire. Use only connectors designed for joining copper to aluminum, and follow the manufacturer's recommended procedure closely.

⚠ WARNING You may not ground the oven through the neutral (white) wire if oven is used in a new branch circuit installation (1996 NEC), mobile home, recreational vehicle, or where local codes do not permit grounding through the neutral (white) wire. When grounding through the neutral (white) wire is prohibited, you must use a 4-wire power supply cable. See Figure 4. Failure to heed this warning may result in electrocution or other serious personal injury.

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6. For typical under counter installation of an electric built-in oven see Figure below.

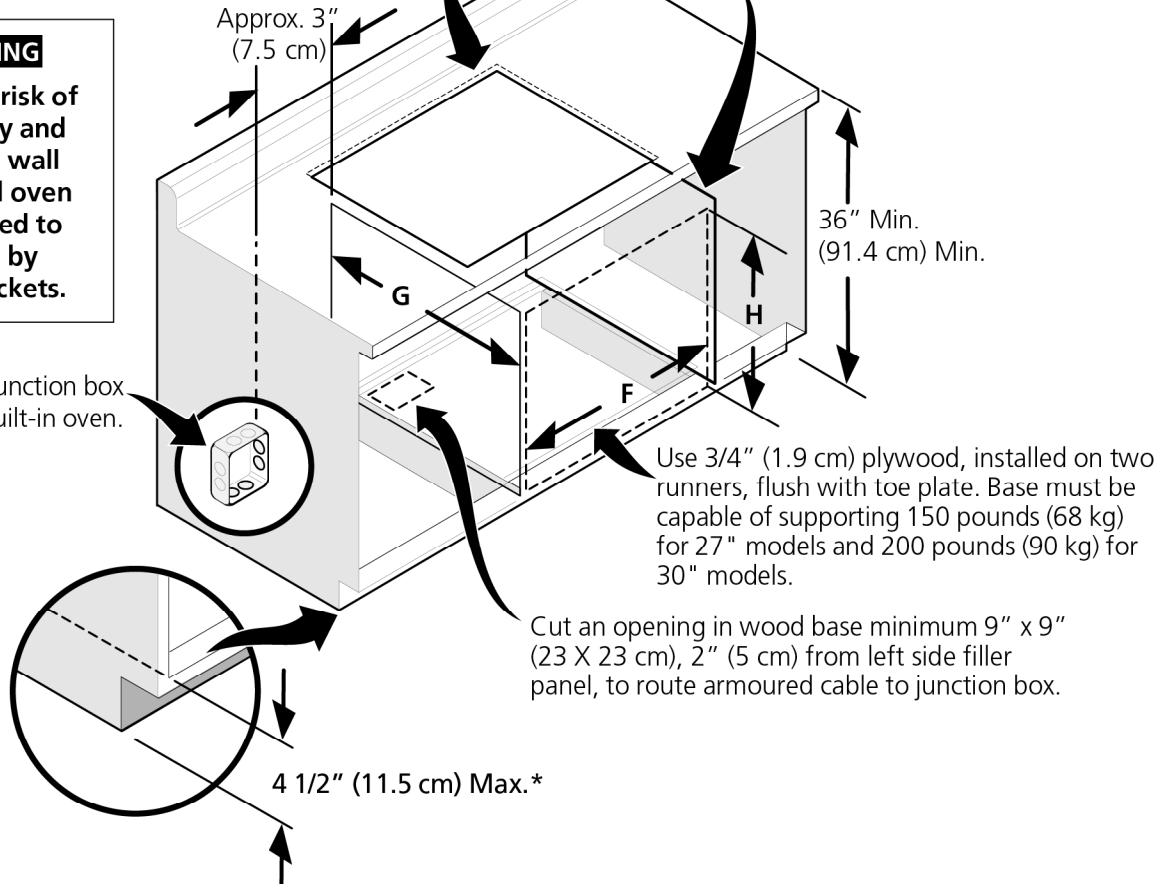
Only certain cooktop models may be installed over certain built-in electric oven models. Approved cooktops and built-in ovens are listed by the MFG ID number and product code (see the insert sheet included in the literature package and cooktop installation instructions for dimensions).

Cabinet side filler panels are necessary to isolate the unit from adjoining cabinets. Cabinet side filler height should allow for installation of approved cooktop models

⚠ WARNING

To reduce the risk of personal injury and tipping of the wall oven, the wall oven must be secured to the cabinet (s) by mounting brackets.

208/240 Volt junction box for built-in oven.



* If no cooktop is installed directly over the oven unit, 5" (12.7 cm) maximum is allowed above the floor.

CUTOUT DIMENSIONS			
	F.WIDTH	G.DEPTH	H.HEIGHT
27" (68.6 cm) Wall Oven	24 ⁷ / ₈ " (63.2 cm) Min. 25 ¹ / ₄ " (64.1 cm) Max.	23 ¹ / ₂ " (59.7 cm) Min.	27 ¹ / ₄ " (69.2 cm) Min. 28 ⁵ / ₈ " (72.7 cm) Max.
30" (76.2 cm) Wall Oven	28 ¹ / ₂ " (72.4 cm) Min. 29" (73.7 cm) Max.	23 ¹ / ₂ " (59.7 cm) Min.	27 ¹ / ₄ " (69.2 cm) Min. 28 ⁵ / ₈ " (72.7 cm) Max.

Figure 9- TYPICAL UNDER COUNTER INSTALLATION OF A SINGLE ELECTRIC BUILT-IN OVEN WITH AN ELECTRIC COOKTOP MOUNTED ABOVE

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