

INSTALLATION INSTRUCTIONS

REQUIREMENTS

Tools and Parts

Gather the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

Gather the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

Tools Needed

- Phillips screwdriver
- Measuring tape
- Hand or electric drill (for wall cabinet installations)
- 1" (2.5 cm) drill bit (for wall cabinet installations)
- Level
- Flat-blade screwdriver

Parts Needed

- UL listed or CSA-approved conduit connector
- UL listed wire connectors

Parts Supplied

- #8-18 x 3/4" (1.9 cm) screws - single ovens (2), double ovens (4)
- #8-18 x 3/8" (9.5 mm) screws - bottom vent (2)
- #8-18 x 3/8" (9.5 mm) screws - bottom vent shield (2)
- #8-18 x 3/8" (9.5 mm) screws - plastic feet (4)
- Rear feet - double oven (2)
- Front feet - double oven (2)
- Bottom vent shield
- Bottom vent trim

Check local codes. Check existing electrical supply. See the "Electrical Requirements" section.

It is recommended that all electrical connections be made by a licensed, qualified electrical installer.

NOTE: Be sure to purchase only JennAir factory-certified parts and accessories for your appliance. Your installation may require additional parts. To order, refer to the contact information referenced in your Quick Start Guide.

Location Requirements

IMPORTANT: Observe all governing codes and ordinances.

- To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a range hood that projects horizontally a minimum of 5" (12.7 cm) inches beyond the bottom of the cabinets.
- Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance with oven.
- Recessed installation area must provide complete enclosure around the recessed portion of the oven.
- Grounded electrical supply is required. See "Electrical Requirements" section.

- Electrical supply junction box should be located 3" (7.6 cm) maximum below the support surface when the oven is installed in a wall cabinet. A 1" (2.5 cm) minimum diameter hole should have been drilled in the right rear or left rear corner of the support surface to pass the appliance cable through to the junction box.

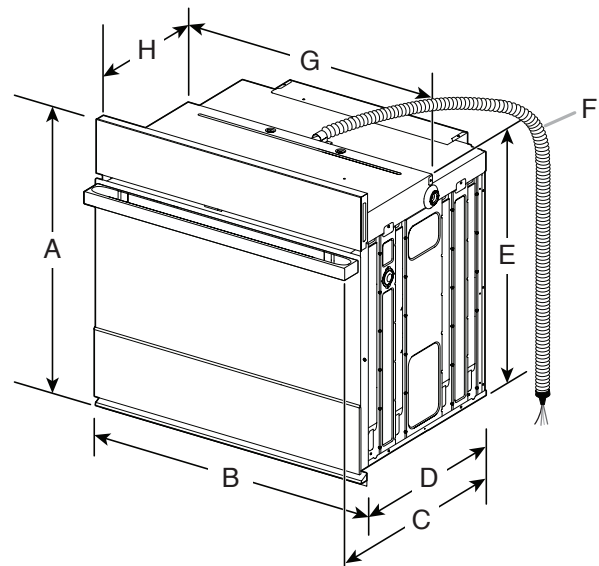
NOTE: For undercounter installation, it is recommended that the junction box be located in the adjacent right or left cabinet. If you are installing the junction box on rear wall behind oven, it is recommended that the junction box be recessed and located in the upper center of the cabinet.

- Oven support surface must be solid, level and flush with bottom of cabinet cutout.
- Floor must be able to support a single oven weight of 200 lbs (91 kg) for 30" (76.2 cm) models.
- Floor must be able to support a double oven weight of 330 lbs (150 kg) for 30" (76.2 cm) models.

IMPORTANT: To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage.

This oven has been designed in accordance with the requirements of UL and CSA International and complies with the maximum allowable wood cabinet temperatures of 194°F (90°C).

Product Dimensions - Single Ovens



27" (68.6 cm) models

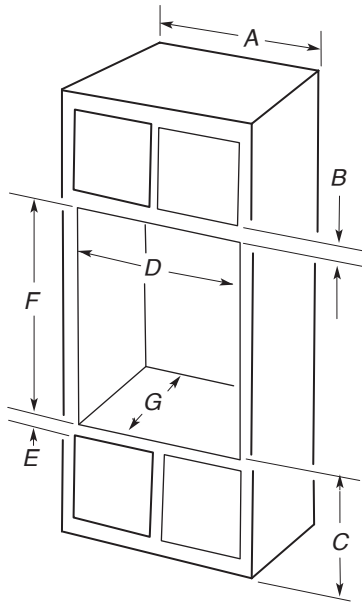
- A. 30³/₁₆" (76.6 cm) maximum overall height
- B. 27" (68.6 cm) overall width
- C. For Noir models - 26³/₈" (67 cm)
For Raise models - 27³/₁₆" (69 cm)
- D. 23¹/₄" (59.1 cm) maximum recessed depth
- E. 26" (66 cm) recessed height
- F. 48" (121.9 cm) flexible conduit length
- G. 25¹/₂" (64.7 cm) maximum recessed width
- H. 12" (30.5 cm) from back of control panel to start of strain relief

30" (76.2 cm) models

- A. 30³/₁₆" (76.6 cm) maximum overall height
- B. 29³/₄" (75.6 cm) overall width
- C. For Noir models - 26³/₈" (67 cm)
For Raise models - 27³/₁₆" (69 cm)
- D. 23¹/₄" (59.1 cm) maximum recessed depth
- E. 26" (66 cm) recessed height
- F. 48" (121.9 cm) flexible conduit length
- G. 28⁷/₁₆" (72.2 cm) maximum recessed width
- H. 12" (30.5 cm) from back of control panel to start of strain relief

Cabinet Dimensions - Single Ovens, Standard Installation

Single Ovens Installed in Cabinet



27" (68.6 cm) models

- A. 27" (68.6 cm) minimum cabinet width
- B. $2\frac{3}{16}$ " (5.5 cm) top of cutout to bottom of upper cabinet door
- C. 32" (81.3 cm) bottom of cutout to floor
- D. $25\frac{1}{2}$ " (64.8 cm) minimum cutout width
- E. $1\frac{1}{2}$ " (3.8 cm) minimum bottom of cutout to top of cabinet door
- F. 28" (71.2 cm)* recommended cutout height
- G. 24" (60.7 cm) cutout depth

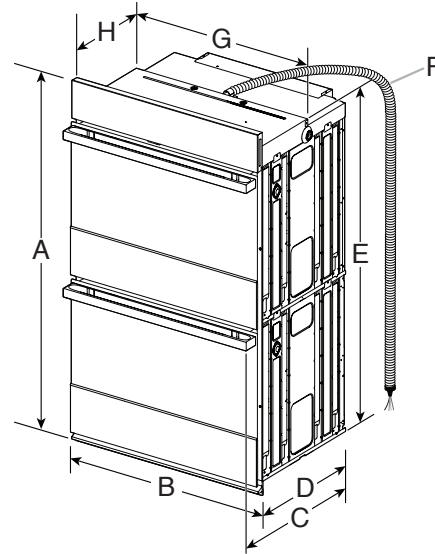
30" (76.2 cm) models

- A. 30" (76.2 cm) minimum cabinet width
- B. $2\frac{3}{16}$ " (5.5 cm) top of cutout to bottom of upper cabinet door
- C. 32" (81.3 cm) bottom of cutout to floor
- D. $28\frac{1}{2}$ " (72.4 cm) minimum cutout width
- E. $1\frac{1}{2}$ " (3.8 cm) minimum bottom of cutout to top of cabinet door
- F. 28" (71.2 cm)* recommended cutout height
- G. 24" (60.7 cm) cutout depth

***NOTE:** The cutout height can be between $27\frac{1}{4}$ " and $29\frac{7}{16}$ " (69.2 cm and 74.8 cm) for single ovens.

NOTE: Contact service to get tall bottom vent shield for cutouts taller than $28\frac{11}{16}$ " (72.9 cm) to enhance installation.

Product Dimensions - Double Ovens



27" (68.6 cm) models

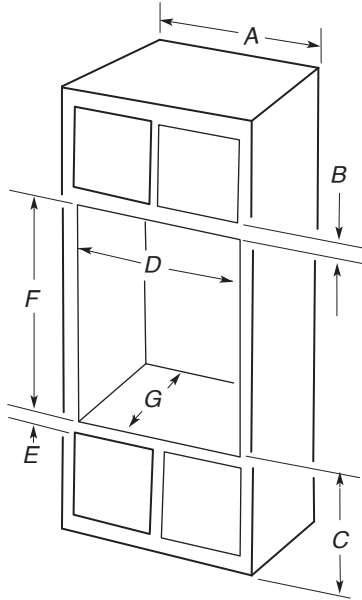
- A. 53" (134.5 cm) maximum overall height
- B. 27" (68.6 cm) overall width
- C. For Noir models - $26\frac{3}{8}$ " (67 cm)
For Rise models - $27\frac{3}{16}$ " (69 cm)
- D. $23\frac{1}{4}$ " (59.1 cm) maximum recessed depth
- E. $48\frac{3}{4}$ " (123.8 cm) recessed height
- F. 66" (167.6 cm) flexible conduit length
- G. $25\frac{1}{2}$ " (64.7 cm) maximum recessed width
- H. 12" (30.5 cm) from back of control panel to start of strain relief

30" (76.2 cm) models

- A. 53" (134.5 cm) maximum overall height
- B. $29\frac{3}{4}$ " (75.6 cm) overall width
- C. For Noir models - $26\frac{3}{8}$ " (67 cm)
For Rise models - $27\frac{3}{16}$ " (69 cm)
- D. $23\frac{1}{4}$ " (59.1 cm) maximum recessed depth
- E. $48\frac{3}{4}$ " (123.8 cm) recessed height
- F. 66" (167.6 cm) flexible conduit length
- G. $28\frac{7}{16}$ " (72.2 cm) maximum recessed width
- H. 12" (30.5 cm) from back of control panel to start of strain relief

Cabinet Dimensions - Double Ovens, Standard Installation

Double Ovens Installed in Cabinet



27" (68.6 cm) models

- A. 27" (68.6 cm) minimum cabinet width
- B. $2\frac{3}{16}$ " (5.5 cm) top of cutout to bottom of upper cabinet door
- C. $14\frac{3}{4}$ " (37.5 cm) bottom of cutout to floor is recommended.
4"- $14\frac{3}{4}$ " (10.2 cm - 37.5 cm) bottom of cutout to floor is acceptable.
- D. $25\frac{1}{2}$ " (64.8 cm) minimum cutout width
- E. $1\frac{1}{2}$ " (3.8 cm) minimum bottom of cutout to top of cabinet door
- F. $50\frac{1}{4}$ " (127.6 cm)* recommended cutout height
- G. 24" (60.7 cm) cutout depth

30" (76.2 cm) models

- A. 30" (76.2 cm) minimum cabinet width
- B. $2\frac{3}{16}$ " (5.5 cm) top of cutout to bottom of upper cabinet door
- C. $14\frac{3}{4}$ " (37.5 cm) bottom of cutout to floor is recommended.
4"- $14\frac{3}{4}$ " (10.2 cm - 37.5 cm) bottom of cutout to floor is acceptable.
- D. $28\frac{1}{2}$ " (72.4 cm) minimum cutout width
- E. $1\frac{1}{2}$ " (3.8 cm) minimum bottom of cutout to top of cabinet door
- F. $50\frac{1}{4}$ " (127.6 cm)* recommended cutout height
- G. 24" (60.7 cm) cutout depth

***NOTE:** The cutout height can be between 50" and $52\frac{3}{16}$ " (127 cm and 132.6 cm) for double ovens.

NOTE: Contact service to get tall bottom vent shield for cutouts taller than $50\frac{3}{8}$ " (128 cm) to enhance installation.

Cabinet Dimensions - Single Ovens, Flush Installations

NOTE: This is an alternate option to install your product in the cabinet and obtain a flush look. For standard installation, refer section "Cabinet Dimensions - Single Ovens, Standard Installation".

A 25" (63.5 cm) minimum cutout depth is required.

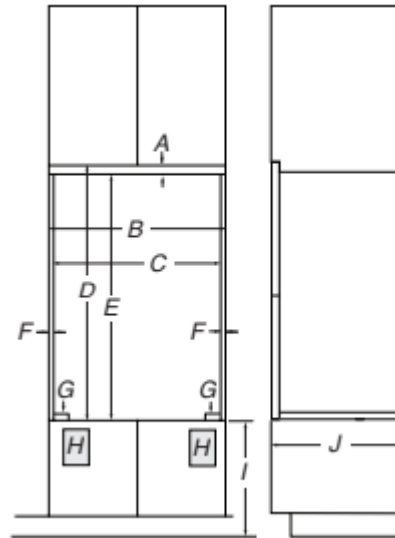
Top and bottom gaps will be $\frac{1}{8}$ " (0.3 cm) gap above and below the product. Top and bottom gaps not required for installation. Exposed areas of the cabinet should be finished to match.

The front face of the cleats and platform will be visible and should be treated as a finished surface.

Single Ovens Installed in Cabinet

Front View

Side View



27" (68.6 cm) Models

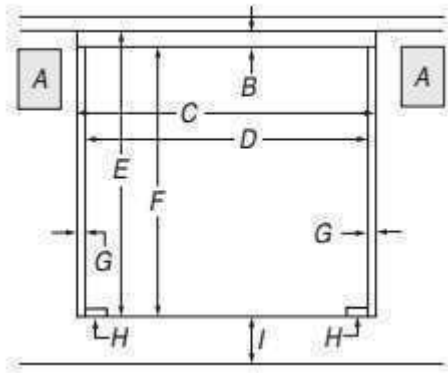
- A. $\frac{3}{4}$ " (1.9 cm) top cleat*
- B. $27\frac{1}{4}$ " (69.2 cm) minimum width of flush inset cutout
- C. $25\frac{7}{8}$ " (65.7 cm) minimum width of opening
- D. $30\frac{7}{16}$ " (77.3 cm) minimum height of flush inset cutout
- E. $29\frac{11}{16}$ " (75.4 cm) recommended cutout height
- F. $11\frac{1}{16}$ " (1.7 cm) side cleat*
- G. $\frac{1}{4}$ " (0.6 cm) recommended with foot. $15\frac{1}{16}$ " to $1\frac{1}{8}$ " (2.2 cm to 2.9 cm) allowable without foot*
- H. Recommended junction box location
- I. $4\frac{5}{8}$ "-32" (11.7-81.3 cm) bottom of cutout to floor
- J. 25" (63.5 cm) minimum depth of cutout

30" (76.2 cm) Models

- A. $\frac{3}{4}$ " (1.9 cm) top cleat*
- B. $30\frac{1}{4}$ " (76.8 cm) minimum width of flush inset cutout
- C. $28\frac{7}{8}$ " (73.3 cm) minimum width of opening
- D. $30\frac{7}{16}$ " (77.3 cm) minimum height of flush inset cutout
- E. $29\frac{11}{16}$ " (75.4 cm) recommended cutout height
- F. $11\frac{1}{16}$ " (1.7 cm) side cleat*
- G. $\frac{1}{4}$ " (0.6 cm) recommended with foot. $15\frac{1}{16}$ " to $1\frac{1}{8}$ " (2.2 cm to 2.9 cm) allowable without foot*
- H. Recommended junction box location
- I. $4\frac{5}{8}$ "-32" (11.7-81.3 cm) bottom of cutout to floor
- J. 25" (63.5 cm) minimum depth of cutout

*Cleats and spacers must be recessed $1\frac{3}{8}$ " (3.5 cm) from the front of the cabinet.

Single Ovens Undercounter - without cooktop installed above



Front View

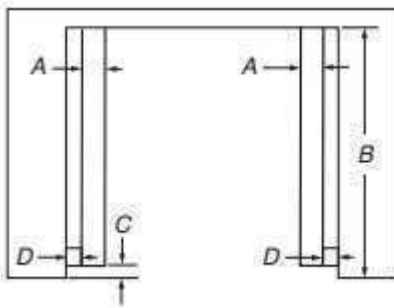
27" (68.6 cm) Models

- A. Recommended junction box location
- B. 3/4" (1.9 cm) top cleat*
- C. 27 1/4" (69.2 cm) minimum width of flush inset cutout
- D. 25 7/8" (65.7 cm) minimum width of opening
- E. 29 1/4" (74.3 cm) minimum height of flush inset cutout
- F. 28 1/2" (72.4 cm) recommended cutout height
- G. 11/16" (1.7 cm) side cleat*
- H. 1/4" x 2" (6.4 mm x 5.1 cm) spacer the entire depth of the cabinet*
- I. 4 5/8" (11.7 cm) bottom of cutout to floor

30" (76.2 cm) Models

- A. Recommended junction box location
- B. 3/4" (1.9 cm) top cleat*
- C. 30 1/4" (76.8 cm) minimum width of flush inset cutout
- D. 28 7/8" (73.3 cm) minimum width of opening
- E. 29 1/4" (74.3 cm) minimum height of flush inset cutout
- F. 28 1/2" (72.4 cm) recommended cutout height
- G. 11/16" (1.7 cm) side cleat*
- H. 1/4" x 2" (6.4 mm x 5.1 cm) spacer the entire depth of the cabinet*
- I. 4 5/8" (11.7 cm) bottom of cutout to floor

*Cleats and spacers must be recessed 1 3/8" (3.5 cm) from the front of the cabinet.



Top View

27" (68.6 cm) Models

- A. 2" (5.1 cm) spacer the entire depth of the cutout*
- B. 25" (63.5 cm) depth of cutout
- C. 1 3/8" (3.5 cm) recess from front of cabinet
- D. 11/16" (1.7 cm) side cleat*

30" (76.2 cm) Models

- A. 2" (5.1 cm) spacer the entire depth of the cutout*
- B. 25" (63.5 cm) depth of cutout
- C. 1 3/8" (3.5 cm) recess from front of cabinet
- D. 11/16" (1.7 cm) side cleat*

*Cleats and spacers must be recessed 1 3/8" (3.5 cm) from the front of the cabinet.

Cabinet Dimensions - Double Ovens, Flush Installations

NOTE: This is an alternate option to install your product in the cabinet and obtain a flush look. For standard installation, refer section "Cabinet Dimensions - Double Ovens, Standard Installation".

A 25 3/8" (64.4 cm) minimum cutout depth is required.

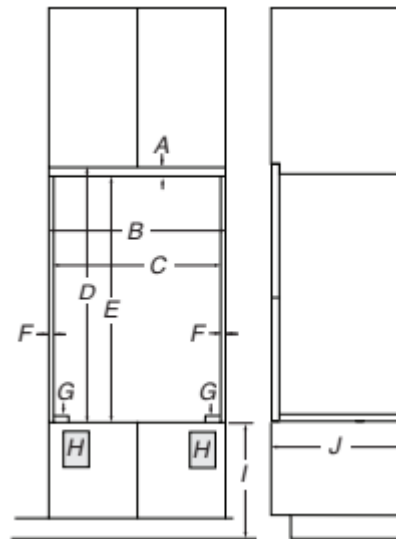
Top and bottom gaps will be 1/8" (0.3 cm) gap above and below the product. Top and bottom gaps not required for installation. Exposed areas of the cabinet should be finished to match.

The front face of the cleats and platform will be visible and should be treated as a finished surface.

Double Ovens Installed in Cabinet

Front View

Side View



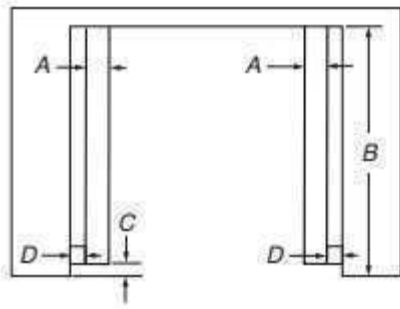
27" (76.2 cm) Models

- A. 3/4" (1.9 cm) top cleat*
- B. 27 1/4" (69.2 cm) minimum width of flush inset cutout
- C. 25 7/8" (65.7 cm) minimum width of opening
- D. 53 3/16" (135 cm) minimum height of flush inset cutout
- E. 52 3/8" (133.1 cm) recommended cutout height
- F. 11/16" (1.7 cm) side cleat*
- G. 1/4" (0.6 cm) recommended with foot. 15/16" to 1 1/16" (2.2 cm to 2.7 cm) allowable without foot*
- H. Recommended junction box location
- I. 4 5/8"-14 3/4" (11.7-37.5 cm) bottom of cutout to floor
- J. 25" (63.5 cm) minimum depth of cutout

30" (76.2 cm) Models

- A. 3/4" (1.9 cm) top cleat*
- B. 30 1/4" (76.8 cm) minimum width of flush inset cutout
- C. 28 7/8" (73.3 cm) minimum width of opening
- D. 53 3/16" (135 cm) minimum height of flush inset cutout
- E. 52 3/8" (133.1 cm) recommended cutout height
- F. 11/16" (1.7 cm) side cleat*
- G. 1/4" (0.6 cm) recommended with foot. 15/16" to 1 1/16" (2.2 cm to 2.7 cm) allowable without foot*
- H. Recommended junction box location
- I. 4 5/8"-32" (11.7-81.3 cm) bottom of cutout to floor
- J. 25" (63.5 cm) minimum depth of cutout

*Cleats and spacers must be recessed 1 3/8" (3.5 cm) from the front of the cabinet.



Top View

27" (68.6 cm) Models

- A. 2" (5.1 cm) spacer the entire depth of the cutout*
- B. 25" (63.5 cm) depth of cutout
- C. 1³/₈" (3.5 cm) recess from front of cabinet
- D. 11/16" (1.7 cm) side cleat*

30" (76.2 cm) Models

- A. 2" (5.1 cm) spacer the entire depth of the cutout*
- B. 25" (63.5 cm) depth of cutout
- C. 1³/₈" (3.5 cm) recess from front of cabinet
- D. 11/16" (1.7 cm) side cleat*

*Cleats and spacers must be recessed 1³/₈" (3.5 cm) from the front of the cabinet.

Cutout Dimensions For Ovens Installed Under Cooktop

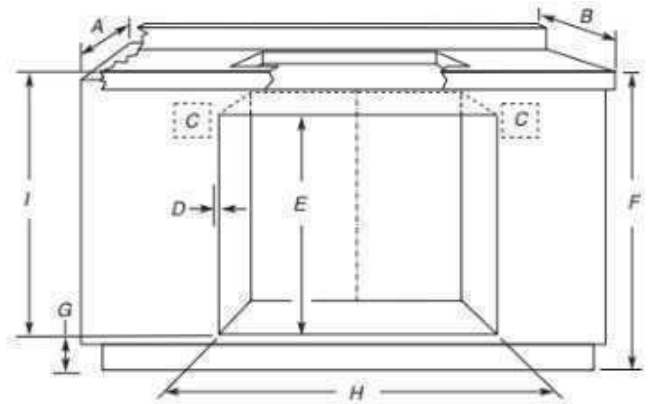
IMPORTANT: Observe all governing codes and ordinances. Cooktop must be approved for use over an oven. See cooktop Installation Instructions for cutout dimensions. Center the cooktop cutout over oven cutout.

Undercounter Installation (With Cooktop Installed Above):

Ovens approved for this type of installation have an approval label located on the top of the oven.

To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage. This oven has been designed in accordance with UL and CSA International and complies with the maximum allowable wood cabinet temperatures of 194°F (90°C).

Approved Built-In Oven and Electric Radiant/Coil/Induction Cooktop Combinations or without cooktop installed above oven



- A. 24" (61 cm) cabinet depth
- B. 25" (63.5 cm) countertop depth
- C. Recommended oven and cooktop junction box locations
- D. Allow 5/8" (1.6 cm) for oven trim to overlap on each side.
- E. 27³/₄" (70.5 cm) minimum cutout height
- F. 36" (91.4 cm) from cabinet base to countertop
- G. 4¹/₂" (11.4 cm) maximum from cabinet base with feet installed. If dimension "F" is greater than 36" (91.4 cm), dimension "G" can be increased the same difference for induction combinations
- H. See Cutout Dimensions chart
- I. 31³/₈" (82.2 cm) from top of countertop to bottom of cutout

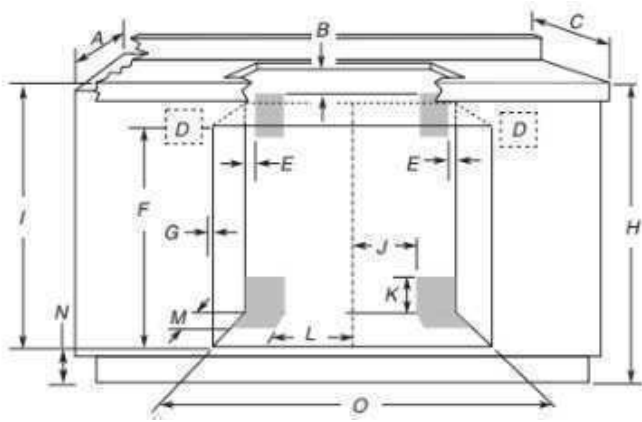
CUTOUT DIMENSIONS (H)

Oven Size	Minimum Oven Cutout Dimension
24" (61 cm)	22 ¹ / ₂ " (57.2 cm)
27" (68.6 cm)	25 ¹ / ₂ " (64.8 cm)
30" (76.2 cm)	28 ¹ / ₂ " (72.4 cm)

For the approved model number combinations, refer to the undercounter label located on top of the oven chassis and on the bottom of the cooktop burner box.

NOTE: For undercounter installation, it is recommended that the junction boxes for oven and cooktop be located in the adjacent right or left cabinet. A 1" (2.5 cm) minimum diameter hole should have been drilled in the upper rear right or left corner of the side wall surface to pass the appliance cable through to the junction box.

Approved Built-In Oven and Gas Cooktop Combinations



- | | |
|---|--|
| A. 24" (61 cm) cabinet depth | I. 31 ³ / ₈ " (79.7 cm) from top of countertop to bottom of cutout |
| B. 1" (2.5 cm) clearance to bottom of countertop | J. Gas line through wall 10 ¹ / ₂ " (26.7 cm) to center of cutout |
| C. 25" (63.5 cm) countertop depth | K. 3 ¹ / ₄ " (8.3 cm) |
| D. Recommended oven junction box locations | L. Gas line through floor 10 ¹ / ₂ " (26.7 cm) to center of cutout |
| E. 1" (2.5 cm) clearance to cabinet | M. 3 ¹ / ₂ " (8.9 cm) |
| F. 27 ³ / ₄ " (70.5 cm) minimum cutout height | N. 4 ¹ / ₂ " (11.4 cm) maximum from cabinet base with feet installed |
| G. Allow 5/8" (1.6 cm) for oven trim to overlap on each side. | O. See Cutout Dimensions chart |
| H. 36" (91.4 cm) from cabinet base to countertop | |

CUTOUT DIMENSIONS (O)

Oven Size	Minimum Oven Cutout Dimension
24" (61 cm)	22 ¹ / ₂ " (57.2 cm)
27" (68.6 cm)	25 ¹ / ₂ " (64.8 cm)
30" (76.2 cm)	28 ¹ / ₂ " (72.4 cm)
36" (91.4 cm)	34 ¹ / ₂ " (87.6 cm)

For the approved model number combinations, refer to the undercounter label located on top of the oven chassis.

NOTE: For undercounter installation, it is recommended that the junction box for oven be located in the adjacent right or left cabinet. A 1" (2.5 cm) minimum diameter hole should have been drilled in the upper rear right or left corner of the side wall surface to pass the appliance cable through to the junction box.

The upper shaded areas are recommended locations for recessed junction box for 120 V grounded outlet for cooktop.

Lower shaded areas are recommended locations for flexible or rigid gas pipe installation. The gas connection on the cooktop is on the right (same location as "J" in the above diagram). The gas pipe can be installed on either side of the cutout, and either through the floor or through the wall. Refer to local codes regarding the use of gas lines.

Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Electrically ground appliance.

Failure to do so could result in death, fire, or electrical shock.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path and the wire gauge are in accordance with local codes.

Check with a qualified electrical installer if you are not sure the oven is properly grounded.

This oven must be connected to a grounded metal, permanent wiring system.

Be sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/NFPA 70-latest edition or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. O-M91-latest edition, and all local codes and ordinances.

A copy of the above code standards can be obtained from:

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

Electrical Connection

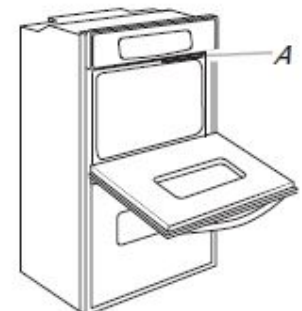
To properly install your oven, you must determine the type of electrical connection you will be using and follow the instructions provided for it here.

- Oven must be connected to the proper electrical voltage and frequency as specified on the model/serial/rating plate. The model/serial/rating plate is located under the control panel on single ovens and under the control panel on the upper oven cavity on double ovens. See the following illustrations.



Single oven

A. Model/serial/rating plate



Double oven

A. Model/serial/rating plate

- Models rated from 7.3 to 9.6 kW at 240 V (5.4 to 7.4 kW at 208 V) require a separate 40 A circuit. Models rated at 4.8 kW and below at 240 V (3.6 kW and below at 208 V) require a separate 20 A circuit.