



15" (38.1 CM) ELECTRIC COOKTOP INSTALLATION INSTRUCTIONS

INSTRUCTIONS D'INSTALLATION DE TABLE DE CUISSON ÉLECTRIQUE DE 15" (38,1 CM)

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IMPORTANT:

Installer: Leave installation instructions with the homeowner.

Homeowner: Keep installation instructions for future reference.

IMPORTANT :

Installateur : Remettre les instructions d'installation au propriétaire.

Propriétaire : Conserver les instructions d'installation pour référence ultérieure.

COOKTOP SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING."

These words mean:

⚠ DANGER

You can be killed or seriously injured if you don't immediately follow instructions.

⚠ WARNING

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

INSTALLATION REQUIREMENTS

Tools and Parts

Gather the required tools and parts before starting installation.

Tools needed

- Tape measure
- Marker or pencil
- 1/4" (6.35 mm) nut driver
- Pliers
- #2 Phillips screwdriver
- Flat-blade screwdriver

Parts supplied

- Foam strip roll
- Clamping brackets (2)
- 2 1/2" (6.4 cm) clamping screws (2)
- Drip tray
- Mounting bridge kit: W11031680

Parts needed

- A UL Listed or CSA Approved connector for 1/2" (1.3 cm) diameter conduit
- UL Listed wire connectors

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.

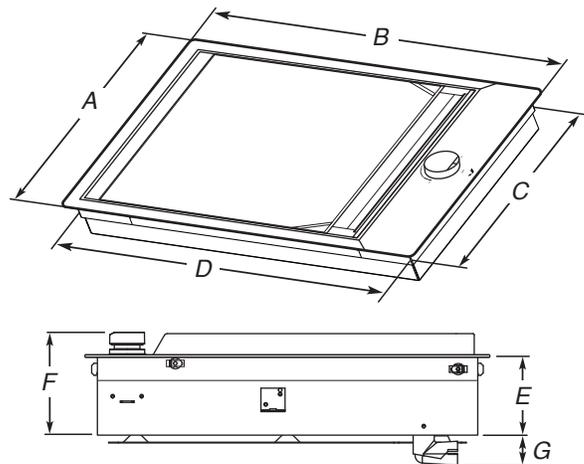
Location Requirements

IMPORTANT: Observe all governing codes and ordinances. When installing cooktop, use minimum dimensions given.

- The cooktop must be a specified cooktop that is approved to be installed either alone or over an undercounter built-in oven. Check the cooktop base for an approved installation label. If you do not find this label, contact your dealer to confirm that your cooktop is approved.
- The cooktop must be installed in a level countertop.
- To eliminate the risk of burns or fire by reaching over the 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 or microwave hood combination that projects horizontally a minimum of 5" (12.7 cm) beyond the bottom of the cabinets.
- Ovens approved for this type of installation will have an approval label located on the top of the oven. If you do not find this label, contact your dealer to confirm that your oven is approved. Refer to oven manufacturer's Installation Instructions for approval for built-in undercounter use and proper cutout dimensions.
- The cooktop should be installed away from strong draft areas, such as windows, doors, fans, or strong heating vents. The cooktop should be located for convenient use in the kitchen.
- Use the countertop opening dimensions that are given with these Installation Instructions. Given dimensions are minimum clearances and provide 0" (0 cm) clearance.
- Grounded electrical supply is required. See the "Electrical Requirements" section.

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 cooktop 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).

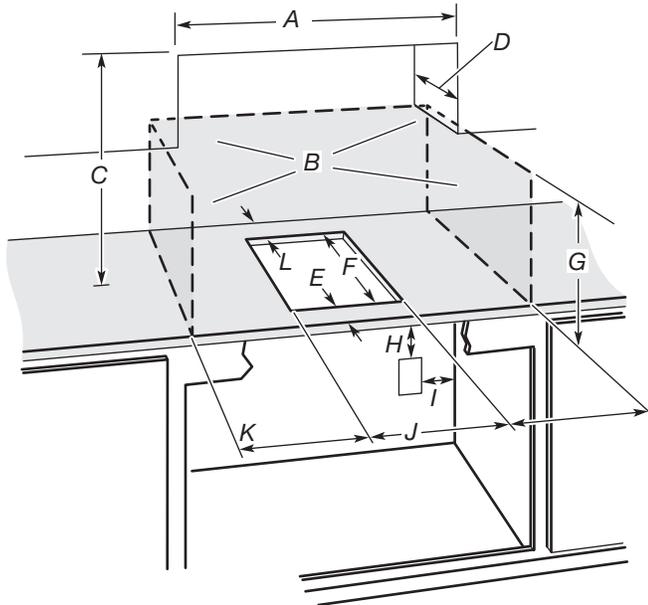
Product Dimensions



- A. 15" (38.1 cm)
- B. 21" (53.3 cm)
- C. 14¹⁹/₆₄" (36.3 cm)
- D. 20¹⁹/₆₄" (51.5 cm)
- E. 4¹/₄" (10.8 cm)
- F. 5¹/₂" (14.0 cm)
- G. 1¹/₄" (3.2 cm)

Cabinet Dimensions

IMPORTANT: If installing a range hood or microwave hood combination above the cooktop, follow the range hood or microwave hood combination installation instructions for dimensional clearances above the cooktop surface.



- A. Minimum upper cabinet width. See the "Multi-Unit Dimensions" table.
- B. Combustible area above countertop (shown by dashed box above)
- C. 30" (76.2 cm) minimum clearance between top of cooktop platform and bottom of uncovered wood or metal cabinet (24" [61 cm] minimum clearance if bottom of wood or metal cabinet is covered by not less than 1/4" [0.6 cm] flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" [0.04 cm] stainless steel, or 0.024" [0.06 cm] aluminum or 0.020" [0.05 cm] copper)
- D. 13" (33 cm) recommended upper cabinet depth
- E. 2⁵/₁₆" (5.9 cm) minimum distance to front countertop edge
- F. 20³/₁₆" (51.8 cm)
- G. 18" (45.7 cm) minimum clearance from upper cabinet to countertop within minimum horizontal clearances to cooktop
- H. Junction box or outlet: 7" (17.8 cm) minimum from top of countertop
- I. Junction box or outlet: 9" (23.0 cm) maximum from right side of cabinet
- J. See the "Multi-Unit Dimensions" table.
- K. 6" (15.2 cm) minimum side wall clearance
- L. 2⁵/₁₆" (5.9 cm) minimum distance to rear combustibile surface

Multi-Unit Dimensions

Units	Upper Cabinet Width (A)	Cutout Width (J)
One 15" (38.1 cm) unit	15" (38.1 cm)	14 ³ / ₈ " (36.5 cm)
Two 15" (38.1 cm) units	30" (76.2 cm)	29 ³ / ₈ " (74.6 cm)
Three 15" (38.1 cm) units	45" (114.3 cm)	44 ⁷ / ₁₆ " (112.9 cm)
Four 15" (38.1 cm) units	60" (152.4 cm)	59 ⁷ / ₁₆ " (151.0 cm)
30" (76.2 cm) cooktop and one 15" (38.1 cm) unit	45" (114.3 cm)	44 ³ / ₈ " (112.7 cm)
30" (76.2 cm) cooktop and two 15" (38.1 cm) units	60" (152.4 cm)	59 ⁷ / ₁₆ " (151.0 cm)
36" (91.4 cm) cooktop and one 15" (38.1 cm) unit	51" (129.5 cm)	50 ³ / ₈ " (128.0 cm)

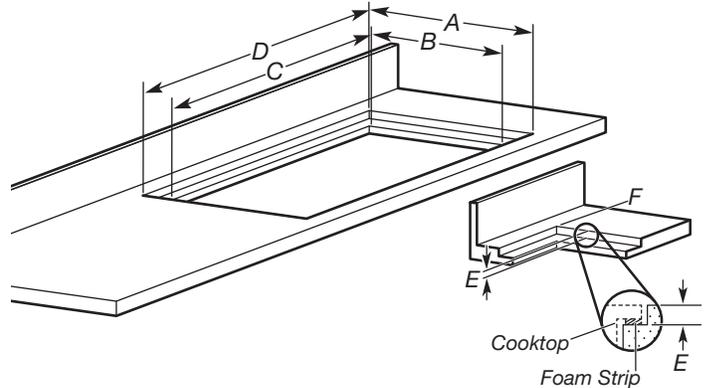
NOTE: After making the countertop cutout, some installations may require notching down the base cabinet side walls to clear the cooktop base. To avoid this modification, use a base cabinet with sidewalls wider than the cutout.

If cabinet has a drawer, a 5¹/₂" (14.0 cm) depth clearance from the countertop to the top of the drawer (or other obstruction) in base cabinet is required.

Flush Installation Dimensions

All cooktops can be mounted with a frameless standard installation sitting on top of the countertop surface or flush with the top of the countertop. If the cooktop is to be mounted flush with the countertop, an 11/64"-deep (4.3 mm) recessed area surrounding the cooktop cutout must be provided with the following dimensions.

NOTE: This option is not recommended for countertops with a molded backsplash. Do not silicone seal in place.



- A. Recessed area length 21³/₁₆" (53.8 cm)
- B. Cutout length 20³/₈" (51.8 cm)
- C. See the "Multi-Unit Flush Dimensions" table.
- D. See the "Multi-Unit Flush Dimensions" table.
- E. Recessed area depth 11/64" (4.3 mm)
- F. Recessed area radius 5/64" (2.0 mm) maximum

Multi-Unit Flush Dimensions

Units	Recessed Area Width (D)	Cutout Width (C)
One 15" (38.1 cm) unit	15 ¹ / ₈ " (38.4 cm)	14 ³ / ₈ " (36.5 cm)
Two 15" (38.1 cm) units	30 ¹ / ₈ " (76.5 cm)	29 ³ / ₈ " (74.6 cm)
Three 15" (38.1 cm) units	45 ¹ / ₈ " (114.6 cm)	44 ⁷ / ₁₆ " (112.9 cm)
Four 15" (38.1 cm) units	60 ¹ / ₈ " (152.7 cm)	59 ⁷ / ₁₆ " (151.0 cm)
30" (76.2 cm) cooktop and one 15" (38.1 cm) unit	45 ¹ / ₈ " (114.6 cm)	44 ³ / ₈ " (112.7 cm)
30" (76.2 cm) cooktop and two 15" (38.1 cm) units	60 ¹ / ₈ " (152.7 cm)	59 ⁷ / ₁₆ " (151.0 cm)
36" (91.4 cm) cooktop and one 15" (38.1 cm) unit	51 ¹ / ₈ " (129.9 cm)	50 ³ / ₈ " (128.0 cm)

IMPORTANT: If multiple units are installed side by side, the mounting bridge kit W11031680 is needed for proper installation.

Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Disconnect power before servicing.

Use 8 gauge copper wire.

Electrically ground cooktop.

Failure to follow these instructions can 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 wire gauge are in accordance with local codes.

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

Make 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:

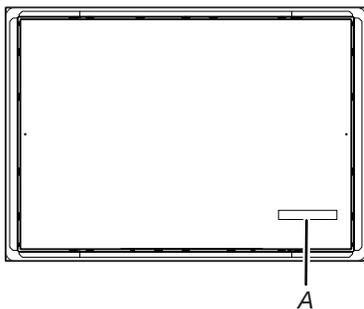
National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471
CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

Before You Make the Electrical Connection:

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

- A 3-wire or 4-wire, single phase, 120-/240-volt, 60 Hz, AC-only electrical supply is required on a separate, 15 AMP, 2-pole breaker, 240-/208-volt, 50/60 Hz AC-supply circuit fused on both sides of the line. The model/serial/rating plate is located on the metal cabinet underneath the cooktop. See the following illustration.

NOTE: A separate 15-amp circuit fused on both sides of the line can be used for 15 AMP, 2-pole breaker, 240-/208-volt, 50/60 Hz AC-supply.



A. Model/serial/rating plate

- The cooktop is rated 240/208 volts. This model has a neutral (white) wire.

- The cooktop should be connected directly to the junction box through flexible, conduit shielded wire. No alternative is permissible. The flexible, armored cable extending from the fuse box or circuit breaker box should be connected directly to the junction box.
- Locate the junction box to allow as much slack as possible between the junction box and the cooktop so that the cooktop can be moved if servicing becomes necessary in the future.
- Do not cut the conduit. Use the length of conduit provided.
- A UL Listed or CSA Approved conduit connector must be provided at each end of the power supply cable (at the cooktop and at the junction box). A listed conduit connector is already provided at the cooktop.
- If the house has aluminum wiring, follow the procedure below:
 - Connect the aluminum wiring using special connectors and/or tools designed and UL Listed for joining copper to aluminum.
 - Follow the electrical connector manufacturer's recommended procedure. Aluminum/copper connection must conform with local codes and industry accepted wiring practices.

INSTALLATION INSTRUCTIONS

Prepare Cooktop for Installation

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install cooktop.

Failure to do so can result in back or other injury.

Write down the model and serial numbers before installing the cooktop. Both numbers are located on the center underside of the burner box.

Unpack the parts supplied with your cooktop. The parts shipped with the cooktop depend on the model ordered. See the "Tools and Parts" section for a complete list of parts supplied with the cooktop.

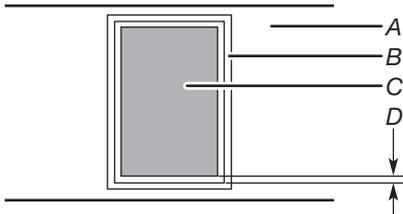
Decide on the final location for the cooktop. Locate existing wiring to avoid drilling into or severing wiring during installation.

- Remove the foam strip from the hardware package. Remove the backing from the foam strip.

For countertop installations: Apply the foam strip with the adhesive side to the countertop within 1/16" (1.6 mm) of the edge of the cutout, front, back, and sides.

For flush installations: Apply the foam strip with the adhesive side to the bottom of the cutout recessed area. Save the excess foam strip for use with the mounting bridge kit.

NOTE: The foam strip helps keep the underside of the cooktop frame free from debris and helps the cooktop sit flat on uneven countertops. Do not silicone seal in place.



A. Countertop
B. Foam strip
C. Cutout
D. 1/16" (1.6 mm)

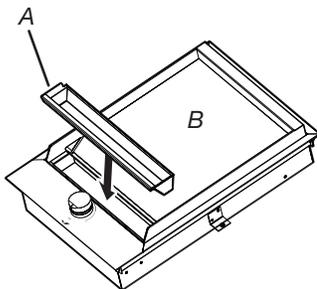
Install Cooktop

NOTE: For multi-unit installations, a mounting bridge kit is required. See the "Tools and Parts" section.

- Install the cooktop into the countertop cutout by tilting one end of the cooktop into the cutout, then lowering the other end into the cutout.

NOTE: Make sure that the front edge of the cooktop is parallel to the front edge of the countertop. If repositioning is needed, lift the entire cooktop up to avoid scratching the countertop.

- Place drip tray in the well at the front of the griddle. Slide tray toward the back until it stops.



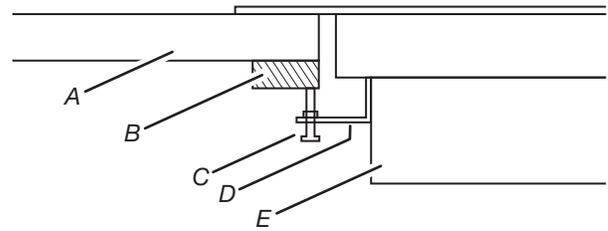
A. Griddle drip tray
B. Griddle

- Clean griddle before using. Refer to the Use and Care Guide.

Install cooktop into countertop

- Remove the two hold-down screws located in each side of the cooktop burner box.
- Attach the two hold-down brackets to the burner box.
- Install the cooktop into the countertop cutout by tilting one end of the cooktop into the cutout, then lowering the other end into the cutout.

- Start the hold-down screws into the hold-down brackets.



A. Countertop
B. Wood block
C. Hold-down screw
D. Hold-down bracket
E. Burner box

- Center the cooktop in the opening and, using a wood block between the screw and the countertop, moderately tighten the screws to secure cooktop.

IMPORTANT: Do not tighten screws directly against the countertop.

Make Electrical Connection

⚠ WARNING



Electrical Shock Hazard

Disconnect power before servicing.

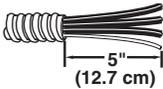
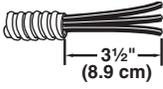
Use 8 gauge copper wire.

Electrically ground cooktop.

Failure to follow these instructions can result in death, fire, or electrical shock.

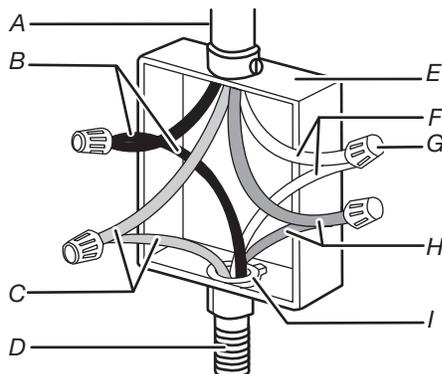
This cooktop is manufactured with a frame-connected green or bare ground wire. Connect the cooktop cable to the junction box through the UL Listed or CSA Approved conduit connector.

Electrical Connection Options

If Your Home Has:	And You Will Be Connecting to:	Go to Section:
4-wire direct 	A fused disconnect or circuit breaker box	4-Wire Cable from Power Supply to 4-Wire Cable from Cooktop
3-wire direct 	A fused disconnect or circuit breaker box	3-Wire Cable from Power Supply to 4-Wire Cable from Cooktop

4-Wire Cable from Power Supply to 4-Wire Cable from Cooktop

IMPORTANT: Use the 4-wire cable from power supply where local codes do not permit connecting the frame-ground conductor to the neutral (white) junction box wire.

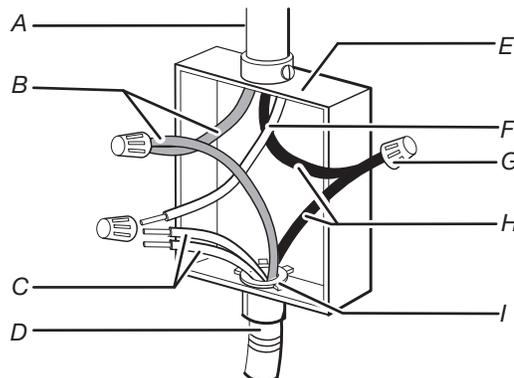


- | | |
|-----------------------------------|--|
| A. 4-wire cable from power supply | F. White wires |
| B. Black wires | G. UL Listed wire connector |
| C. Bare or green wires | H. Red wires |
| D. 4-wire cable from cooktop | I. UL Listed or CSA Approved conduit connector |
| E. Junction box | |

1. Disconnect power.
2. Remove junction box cover, if present.
3. Connect the flexible cable conduit from the cooktop to the junction box using a UL Listed or CSA Approved connector for 1/2" (1.3 cm) conduit.
4. Tighten screws on conduit connector if present.
5. Connect the two black wires together using the UL Listed wire connectors.
6. Connect the two red wires together using the UL Listed wire connectors.
7. Connect the two white wires together using the UL Listed wire connectors.
8. Connect the green or bare ground wire from the cooktop cable to the green or bare ground wire (in the junction box) using the UL Listed wire connectors.
9. Install junction box cover.
10. Reconnect power.

3-Wire Cable from Power Supply to 4-Wire Cable from Cooktop

IMPORTANT: Use the 3-wire cable from power supply where local codes permit connecting the frame-ground conductor to the neutral (white) junction box wire:



- | | |
|---|--|
| A. 3-wire cable from power supply | F. White wire (from power supply) |
| B. Red wires | G. UL Listed wire connector |
| C. Green or bare ground wire (from cooktop) | H. Black wires |
| D. 4-wire cable from cooktop | I. UL Listed or CSA Approved conduit connector |
| E. Junction box | |

1. Disconnect power.
2. Remove junction box cover if present.
3. Connect the flexible, cable conduit from the cooktop to the junction box using UL Listed or CSA Approved conduit connector.
4. Tighten screws on conduit connector, if present.
5. Connect the two black wires together using the UL Listed wire connectors.
6. Connect the two red wires together using the UL Listed wire connectors.
7. Connect the green or bare and white cooktop cable wires to the white (neutral) wire in the junction box using the UL Listed wire connectors.
8. Install junction box cover.
9. Reconnect power.

Complete Installation

1. Check that all parts are now installed. If there is an extra part, go back through the steps to see which step was skipped.
2. Check that you have all your tools.
3. Dispose of/recycle all packaging materials.
4. Use a mild solution of liquid household cleaner and warm water to clean cooktop before use. Dry thoroughly with a soft cloth. For more information, see the "Cooktop Care" section of the Use and Care Guide.
5. Read the "Cooktop Use" section in the cooktop Use and Care Guide.
6. Reconnect power.
7. Test the operation of the cooktop: verify that it heats and the control light illuminates in the Hi, Med, and Lo positions. Turn the knob to OFF when done.

NOTE: If the cooktop does not work after turning on the power, check that a circuit breaker has not tripped or a household fuse has not blown. See the "Troubleshooting" section in the Use and Care Guide for further information.

If You Need Assistance or Service:

Please reference the "Warranty" section of the Use and Care Guide.

