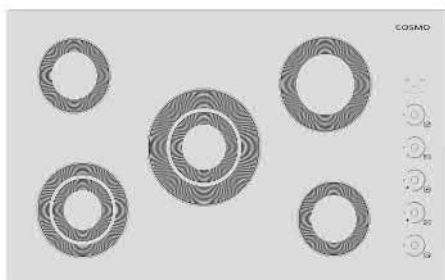
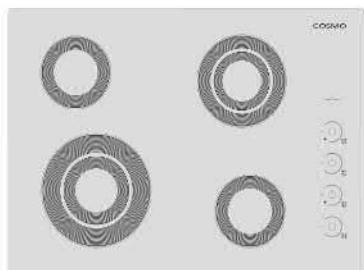




APPLIANCES

INSPIRING THE WORLD'S KITCHEN



ELECTRIC COOKTOP

ECC SERIES INSTALLATION MANUAL

IMPORTANT SAFETY INSTRUCTIONS

Carefully and completely read the following installation instructions. Observe all governing codes and ordinances. NOTE TO INSTALLER: Leave these instructions with Consumer. NOTE TO CONSUMER: Keep these instructions in a safe place for future reference. Product failure due to improper installation is not covered under warranty agreement.

ECC SERIES

INSTALLATION MANUAL

THANK YOU FOR YOUR PURCHASE!

Thank you for your purchase. We know that you have many brands and products to choose from and we are honored to know that you have decided to take one of our products into your home and hope that you enjoy it.

COSMO appliances are designed according to the strictest safety and performance standard for the North American market. We follow the most advanced manufacturing philosophy. Each appliance leaves the factory after thorough quality inspection and testing. Our distributors and our service partners are ready to answer any questions you may have regarding how to install, use and care for your products. We hope that this manual will help you learn to use the product in the safest and most effective manner.

If you have any questions or concerns, please contact the dealer from whom you purchased it, or contact our Customer Support at: 1-888-784-3108.

Please keep this manual for future use. Thank you!



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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.

IMPORTANT:

Save for local electrical inspector's use.

INSTALLATION REQUIREMENTS

Tools and Parts

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

Tools Required

- Tape measure
- ¼" (6.35 mm) nut driver
- Marker or pencil
- Pliers
- Flat-blade screwdriver

Parts Included

- Foam strip roll
- Clamping brackets (2)
- 2½" (6.4 cm) clamping screws (2)

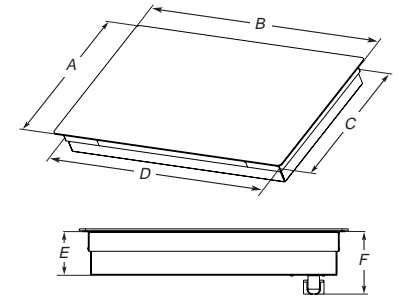
Parts Required

- A UL listed or CSA approved connector for ½" (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.

Product Dimensions



A. Glass depth - 21½" (54.6 cm)

B. Glass width - 24" (61.0 cm) models - 24" (61.0 cm)

Glass width - 30" (76.2 cm) models - 30" (76.2 cm)

Glass width - 36" (91.4 cm) models - 36" (91.4 cm)

C. Frame depth - 19½" (48.6 cm)

D. Frame width - 24" (61.0 cm) models - 21 7/8" (55.6 cm)

Frame width - 30" (76.2 cm) models - 27 13/16" (70.6 cm)

Frame width - 36" (91.4 cm) models - 33 11/16" (85.6 cm)

E. Cooktop height - 2 13/16" (5.6 cm)

F. Cooktop height including conduit (located at rear of cooktop, right side) - 3 3/4" (9.5 cm)

Location Requirements

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

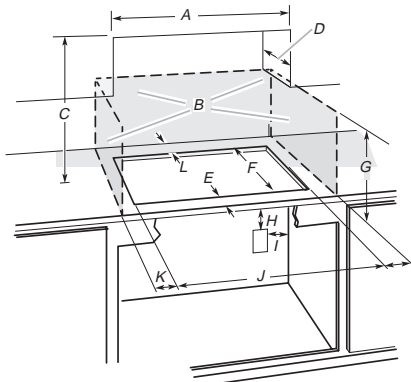
- To eliminate the risk of burns or fire by reaching over the heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a range hood that projects horizontally a minimum of 5" (12.7 cm) beyond the bottom of the cabinets.
- 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.
- 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 "Electrical Requirements" section.

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

INSTALLATION REQUIREMENTS

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. 24" (61.0 cm) on 24" models; 30" (76.2 cm) on 30" models; 36" (91.4 cm) on 36" models
- 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. 2" (5.1 cm)
- F. 19 1/4" (49.0 cm) recommended cutout.
Will fit in cutout from 19 1/8" - 19 3/8" (48.6 - 49.0 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. 22" (56.0 cm) recommended cutout on 24" (61.0 cm) models.
Will fit in cutout from 21 1/8" - 22 1/8" (55.6 - 56.2 cm) on 24" (61.0 cm) models.
27 1/8" (71.0 cm) recommended cutout on 30" (76.2 cm) models.
Will fit in cutout from 27 1/8" - 28" (70.6 - 71.2 cm) on 30" (76.2 cm) models.
33 1/8" (86.0 cm) recommended cutout on 36" (91.4 cm) models.
Will fit in cutout from 33 1/8" - 33 1/2" (85.6 - 86.2 cm) on 36" (91.4 cm) models.
- K. 2" (5.1 cm) minimum distance to nearest left and right side combustible surface above cooktop
- L. 2" (5.1 cm) minimum clearance between back wall and countertop

NOTES: 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 5 1/2" (14.0 cm) depth clearance from the top of the countertop to the top of the drawer (or other obstruction) in base cabinet is required.

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. 0-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

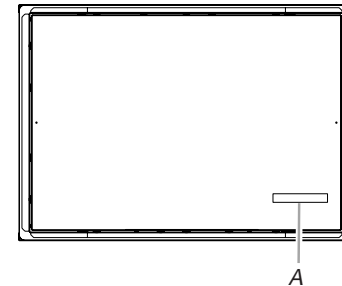
INSTALLATION REQUIREMENTS

Electrical Requirements

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, 40-amp circuit fused on both sides of the line. The model/serial number rating plate is located on the metal cabinet underneath the cooktop. See the following illustration.



A. Model/serial number plate

- The cooktop is rated 120/240 volt. Some models have a neutral (white) wire.
 - The cooktop should be connected directly to the junction box through flexible, armored or nonmetallic sheathed, copper cable. 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:
 1. Connect a section of solid copper wire to the pigtail leads.
 2. Connect the aluminum wiring to the added section of copper wire 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

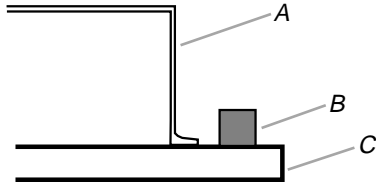
Excessive Weight Hazard

Use two or more people to move and install cooktop.
Failure to do so can result in back or other injury.

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

- Using 2 or more people, place the cooktop upside down on a covered surface using the foam end posts from the packaging. Make sure that the knobs are not resting on the foam.
- Remove foam strip roll from the package containing literature. Remove the strip at a time and apply foam strip adhesive-side down around bottom of the cooktop glass.

NOTE: The foam strip helps avoid damage to the underside of the cooktop glass from debris and helps the cooktop sit flat on uneven counters.



- A. Cooktop base
B. $\frac{1}{16}$ " X $\frac{3}{16}$ " (0.2X0.5 cm) Foam strip
C. Cooktop

Install Cooktop

Style 1: Cooktop over undercounter built-in oven

IMPORTANT: Clamping brackets should not be used.

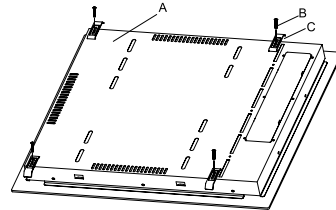
- Using 2 or more people, place cooktop right side up into the cutout.

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

Style 2: Cooktop over cabinets

- Determine whether your cabinet construction provides clearance for installing clamping brackets at cooktop base ends.

Traditional knob models



- A. Cooktop base bottom
B. Clamping screw
C. Clamping bracket

- The clamping brackets must be installed after the cooktop is placed into the cutout. Complete the following steps for the option.

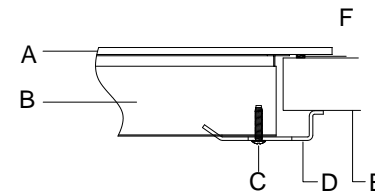
INSTALLATION INSTRUCTIONS

Installing Brackets After Placing Cooktop in Cutout

- Using 2 or more people, place cooktop right side up into the cutout.

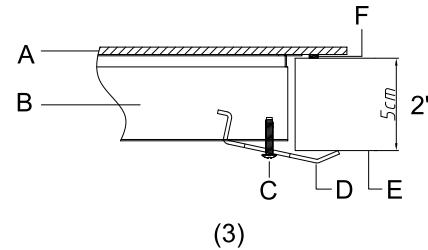
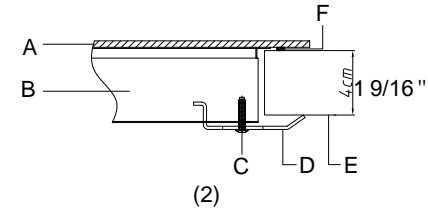
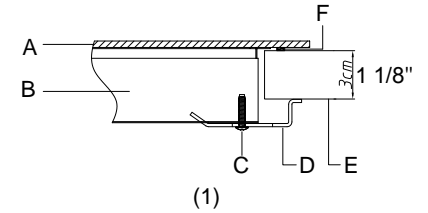
NOTE: Make sure that the front edge of the cooktop is parallel to the front edge of the countertop. If repositioning is needed, lift entire cooktop up from cutout to avoid scratching the countertop.

- Remove the selected bracket locations from the bottom of the cooktop base.
- Select bracket mounting location that will allow the bracket to extend far enough out from the cooktop for the installation of clamping screws.



- A. Cooktop
B. Cooktop base
C. Clamping screw
D. Clamping bracket (extends far enough beyond cooktop base to allow installation of clamping screws)
E. Countertop
F. Foam seal

- Attach brackets to cooktop base bottom with bracket clamping screws using the bracket mounting holes. Securely tighten screws.



INSTALLATION INSTRUCTIONS

Make Electrical Connection

⚠ WARNING



Electrical Shock Hazard

Disconnect power before servicing.

Use 8 gauge copper wire.

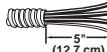
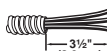
Electrically ground cooktop.

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.

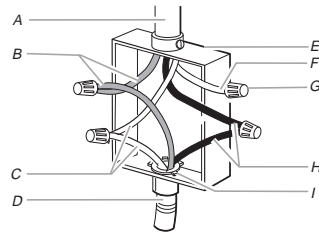
Electrical Connection Options

For cooktops with a 3-wire cable:

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 3-Wire Cable from Cooktop
3-wire direct 	A fused disconnect or circuit breaker box	3-Wire Cable from Power Supply to 3-Wire Cable from Cooktop

4-Wire Cable from Power Supply to 3-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:



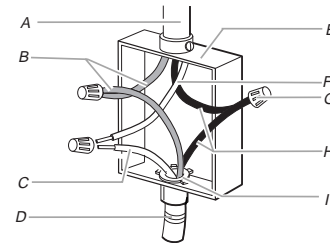
- A. 4-wire cable from power supply
- B. Red wires
- C. Green or bare ground wire (from cooktop)
- D. 3-wire cable from cooktop
- E. Junction box
- F. White wire (from power supply)
- G. UL listed wire connector
- H. Black wires
- I. UL listed or CSA approved conduit connector

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 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 ground wire from the cooktop cable to the green or bare ground wire (in the junction box) using the UL listed wire connectors.
8. Put a UL listed wire connector on the end of the white wire.
NOTE: Do not connect the bare ground wire to the neutral (white) wire in the junction box.
9. Install junction box cover.
10. Reconnect power.

INSTALLATION INSTRUCTIONS

3-Wire Cable from Power Supply to 3-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
- B. Red wires
- C. Green or bare ground wire (from cooktop)
- D. 3-wire cable from cooktop
- E. Junction box
- F. White wire (from power supply)
- G. UL listed wire connector
- H. Black wires
- I. UL listed or CSA approved conduit connector

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 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 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.

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 "Troubleshooting" section in the Use and Care Guide for further information.

If You Need Assistance or Service:

Please reference the "Warranty & Service" section of the User Manual or contact the dealer from whom you purchased your cooktop.



APPLIANCES

WARRANTY AND SERVICE

For full warranty details on this product please visit:
<http://www.cosmoappliances.com/warranty>

TO RECEIVE WARRANTY SERVICE, YOUR
PRODUCT MUST BE REGISTERED. TO REGISTER, VISIT:

WWW.COSMOAPPLIANCES.COM/WARRANTY

SCAN TO REGISTER



IMPORTANT

Do Not Return This Product To The Store If
you have a problem with this product, please contact

Cosmo Customer Support at

+1(888)784-3108

DATED PROOF OF PURCHASE, MODEL #, AND SERIAL #

REQUIRED FOR WARRANTY SERVICE

IMPORTANT

Ne pas Réexpédier ce Produit au Magasin

Pour tout problème concernant ce produit, veuillez contacter
le service des consommateurs Cosmo Customer Support au

+1(888) 784-3108

UNE PREUVE D'ACHAT DATEE EST REQUISE POUR BENEFICIER DE
LA GARANTIE.

IMPORTANTE

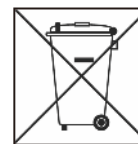
No regrese este producto a la tienda

Si tiene algún problema con este producto, por favor contacte el
AYUDA AL CLIENTE COSMO al

+1(888)784-3108

(Válido solo en E.U.A).

NECESITA UNA PRUEBA DE DE COMPRA FECHADA, NÚMERO DE
MODELO Y DE SERIE PARA EL SERVICIO DE LA GARANTÍA



Correct Disposal of this product:

This marking indicates that this appliance should not
be disposed with other household wastes. To prevent
possible harm to the environment or human health
from uncontrolled waste disposal, recycle it responsibly to
promote the sustainable reuse of material resources.