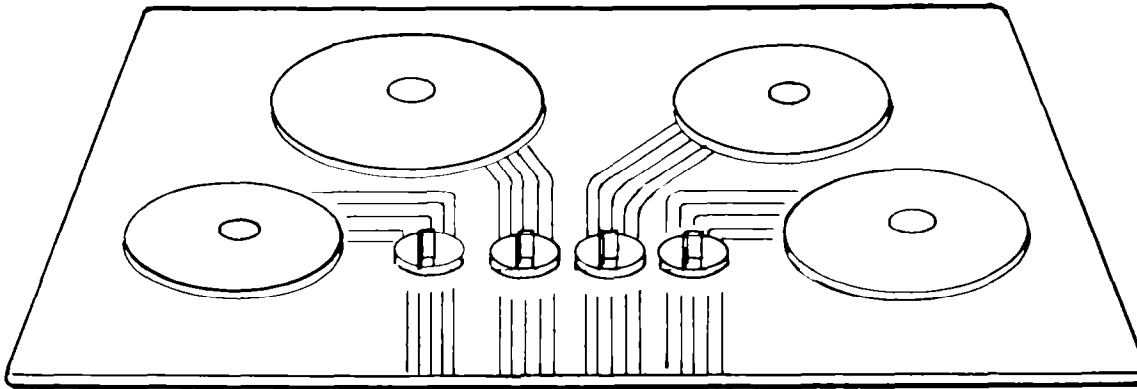


KitchenAid®

Installation Instructions

30" and 36"
Electric Built-in
Glass Cooktop



IMPORTANT:

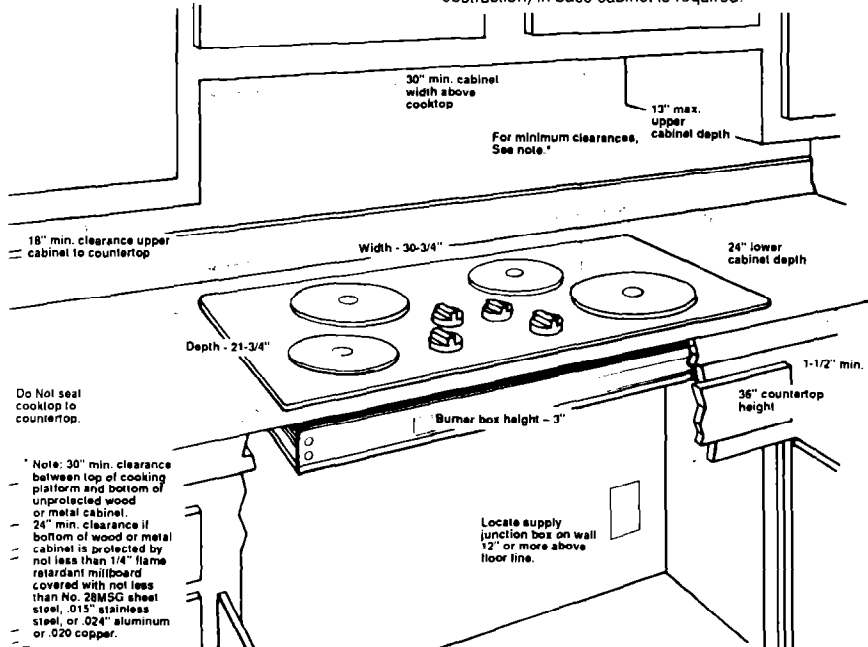
Installer: Leave Installation Instructions with the Homeowner.

Homeowner: Keep Installation Instructions for future reference.

Save Installation Instructions for local electrical inspector's use.

30" Cooktop

30" min. base cabinet is required. If cabinet has a drawer, a 3-1/2" depth clearance from the countertop to the top of the drawer (or other obstruction) in base cabinet is required.

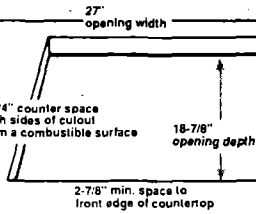


Do Not seal cooktop to countertop.

Note: 30" min. clearance between top of cooking platform and bottom of unprotected wood or metal cabinet. 24" min. clearance if bottom of wood or metal cabinet is protected by not less than 1/4" flame retardant millboard covered with not less than No. 28MSG sheet steel, .015 stainless steel, or .024" aluminum or .020 copper.

Locate supply junction box on wall 12" or more above floor line.

For new installations:

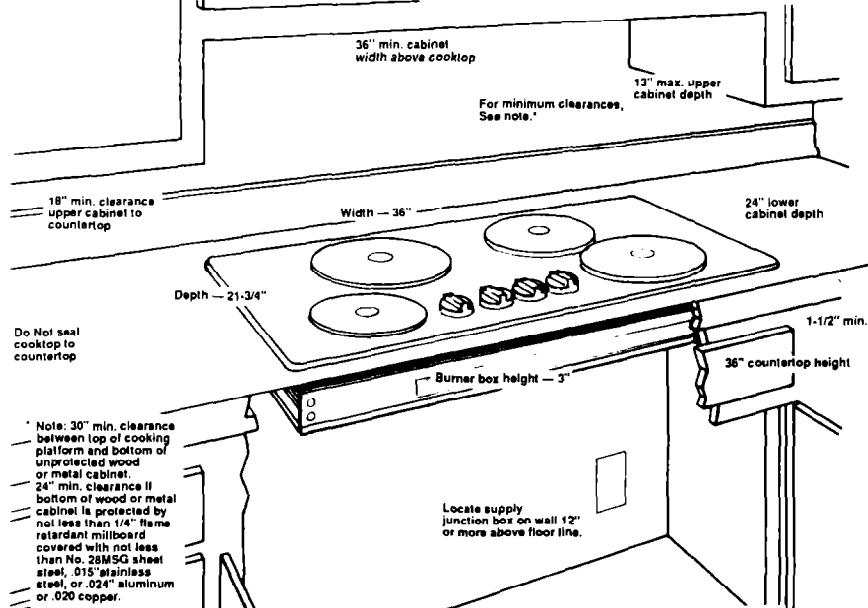


For replacement installations:

26-1/2" min., 29-5/8" max. opening width
18-3/4" min., 20-5/8" max. opening depth

36" Cooktop

36" min. base cabinet is required. If cabinet has a drawer, a 3-1/2" depth clearance from countertop to top of drawer (or other obstruction) in base cabinet is required.

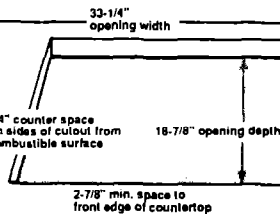


Do Not seal cooktop to countertop.

Note: 30" min. clearance between top of cooking platform and bottom of unprotected wood or metal cabinet. 24" min. clearance if bottom of wood or metal cabinet is protected by not less than 1/4" flame retardant millboard covered with not less than No. 28MSG sheet steel, .015 stainless steel, or .024" aluminum or .020 copper.

Locate supply junction box on wall 12" or more above floor line.

For new installations:



For replacement installations:

18-3/4" min., 20-5/8" max. opening depth
33" min., 34-7/8" max. opening width

Before you start...

Proper installation is your responsibility. Make sure you have everything necessary for correct installation.

Check location where cooktop will be installed. The location should be away from strong draft areas, such as windows, doors and strong heating vents or fans. The cooktop should be located for convenient use in the kitchen.

Grounded electrical supply is required. See "Electrical requirements".

Important:

Observe all governing codes and ordinances. Failure to meet codes and ordinances could lead to fire or electrical shock.

The clearances specified are for combustible walls and materials that have a density of 20 or more pounds per cubic foot. No evaluation of clearances has been made for installations adjacent to materials that are less than 20 pounds per cubic foot or to plastic tiles and sheeting.

Countertop opening dimensions that are shown must be used. Given dimensions are minimum clearances and provide required 0" clearance.

New Installations — Follow minimum dimensions given.

Replacement Installation — Be sure that front edge of cooktop is at least 1-1/2" back from front edge of countertop.

If cabinet has a drawer, a 4" depth clearance from the countertop to the top of the drawer (or other obstruction in the base cabinet) is required.

WARNING

Personal Injury Hazard

Cabinet storage above the cooking surface should be avoided. If cabinets are already installed, reduce the hazard of reaching over a heated cooking surface by installing a range hood.

The range hood should extend a minimum of 5 inches out from the bottom of the cabinets.

Reaching over a heated cooking surface could result in a serious burn.

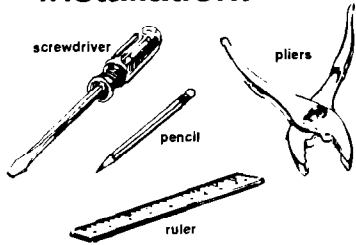
NOTE:

It is the customer's responsibility:

- To contact a qualified electrical installer.
- To assure that the electrical installation is adequate and in conformance with National Electrical Code ANSI/NFPA 70 - latest edition, and all local codes and ordinances.

ALL OPENINGS IN THE WALL OR FLOOR WHERE THE COOKTOP IS TO BE INSTALLED MUST BE SEALED.

Tools needed for installation:



Electrical requirements

⚠ WARNING

Electrical Shock Hazard

- Electrical ground is required on this appliance.
- Improper connection of the equipment-grounding conductor can result in electrical shock.
- Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.
- Do Not use an extension cord with this appliance.
- Do Not have a fuse in the neutral. Failure to follow these instructions could result in a fire, electrical shock or other personal injury.

A.

A three-wire, single phase, 120/240-volt, 60-Hz, AC only electrical supply is required on a separate circuit, fused on both sides of the line. A time-delay fuse or circuit breaker is recommended. The fuse size must not exceed the circuit rating of the appliance specified on the serial/rating plate located on the bottom of the cooktop box.

B.

THE COOKTOP MUST BE CONNECTED WITH COPPER WIRE ONLY.

C.

Wire sizes and connections must conform to the requirements of the National Electrical Code, ANSI/NFPA 70 — latest edition*, and all local codes and ordinances.

Copies of the standard listed above may be obtained from:

* National Fire Protection Association
Battery March Park
Quincy, Massachusetts 02169

D.

The appliance should be connected directly to the fused disconnect (or circuit breaker) through flexible, armored or non-metallic sheathed, copper cable. The flexible, armored cable extending from the appliance should be connected directly to the junction box.

E.

Locate the junction box to allow as much slack as possible between the junction box and the appliance so that the cooktop can be moved if servicing is ever necessary. Do Not cut the conduit.

F.

A 1/2" conduit connector must be provided at the junction box.

Electrical connection

Electrical ground is required on this appliance.

Do Not connect to the electrical supply until appliance is permanently grounded.

⚠ WARNING

Electrical Shock Hazard
Disconnect power to the junction box. This appliance must be connected to a grounded, permanent wiring system or a grounding connector should be connected to the grounding terminal or wire lead on the appliance. Failure to do so could result in electrical shock, serious injury, or death.

This appliance is manufactured with a frame-connected, green or bare, grounding wire.

Connect the appliance cable to the junction box through the 1/2" conduit connector. Complete electrical connection according to local codes and ordinances.

A.

Where local codes permit connecting the frame-grounding conductor to the neutral (white) junction box wire:

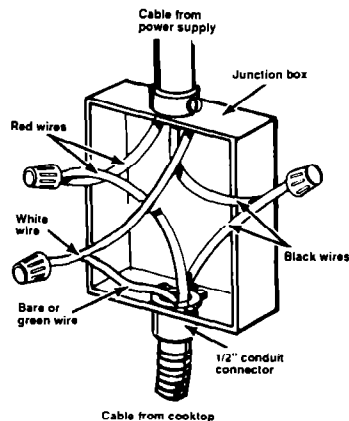


Figure 1

1. Connect the green (or bare) appliance cable wire with the neutral wire in the junction box.
2. Connect the two black wires. Then connect the two red wires. (See Figure 1.)

B.

Where local codes Do Not permit connecting the frame-grounding conductor to the neutral (white) junction box wire:

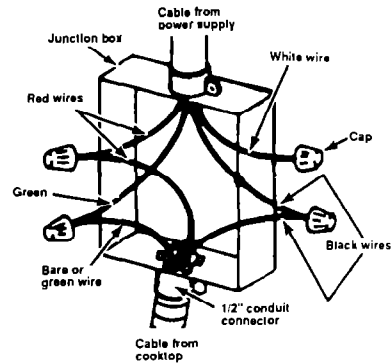


Figure 2

1. Connect the two black wires. Then connect the two red wires. Cap the unused white wire. (See Figure 2.)
2. Connect the green or bare grounding wire from the appliance cable to a grounded wire in the junction box or to a grounded, copper, cold water pipe.**
3. Do Not ground to a gas supply pipe or hot water pipe. Do Not connect to electrical supply until appliance is permanently grounded. (See Figure 3.)

** Grounded, cold water pipe must have metal continuity to electrical ground and not be interrupted by plastic, rubber, or other electrical insulating connectors such as hoses, fittings, washers or gaskets (including water meter or pump). Any electrical insulating connector should be jumped as shown with a length of No. 4 copper wire securely clamped to bare metal at both ends.

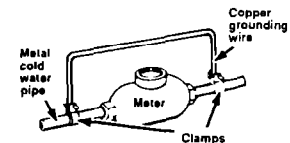
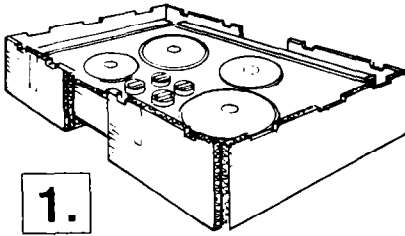


Figure 3

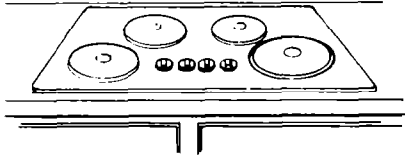
Now start...

With cooktop in kitchen.



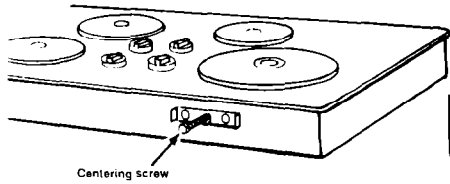
1.

Remove the shipping materials and tape from the cooktop. Remove the hardware package from the side of the carton.



2.

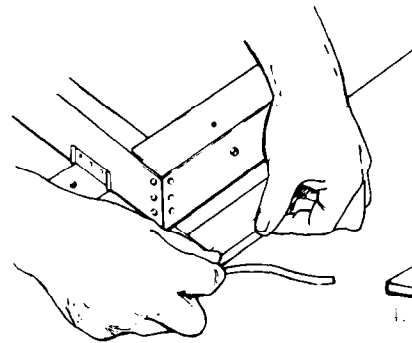
Insert the cooktop into the countertop opening. Center the cooktop in the cutout. Check that the front of the cooktop is parallel to the front edge of the countertop. Check that all required clearances are met. Use a pencil to outline the rear of the cooktop on the countertop. Remove the cooktop from the cutout and place it upside down on a protected surface.



Centering screw

3.

If the depth of your cutout is 19-1/2" or less, go to Step 5. If the depth of your cutout is larger than 19-1/2", insert four, 1-1/4" centering screws in the holes on the front and back of the cooktop burner box. Measure the distance from the penciled outline on the countertop to the edge of the cutout. Mark the same distance on the underside of the cooktop from the rear centering screws. Adjust the rear screws to the marks. Do Not adjust the front centering screws at this time.

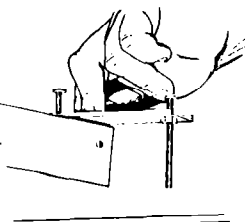


4.

Remove the paper backing from a small section of the foam sealing strip. Place the strip 1/8" from the cooktop edge on the underside of the glass; continue until the foam strip completely outlines the edge of the cooktop.

5.

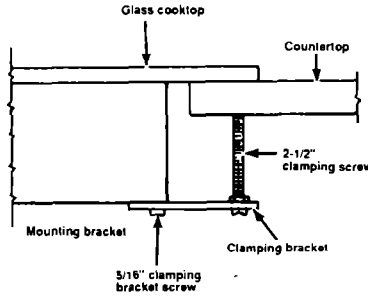
Attach the mounting brackets to each side of the burner box with the 5/16" screws. Do Not tighten the screws. Turn the mounting brackets so that each bracket is under the burner box.



PANEL C

6.

Insert the cooktop into the cutout and align it with the pencil outline. Check that the cooktop is parallel to the front edge of the countertop. Lift the entire cooktop to make adjustments so the foam sealing strip can seal properly. If you are using centering screws, adjust the front centering screws until the cooktop is held tightly in the cabinet.



7.

Rotate the mounting brackets away from the burner box. Tighten the mounting brackets to the burner box. Insert the 2-1/2" clamping screws into the mounting brackets. Use a screwdriver to tighten the screws against the underside of the countertop. Remove the pencil outline from countertop.

8.

Make the electrical connection. (See "Electrical requirements" and "Electrical connection" sections, Panel B, for details.)

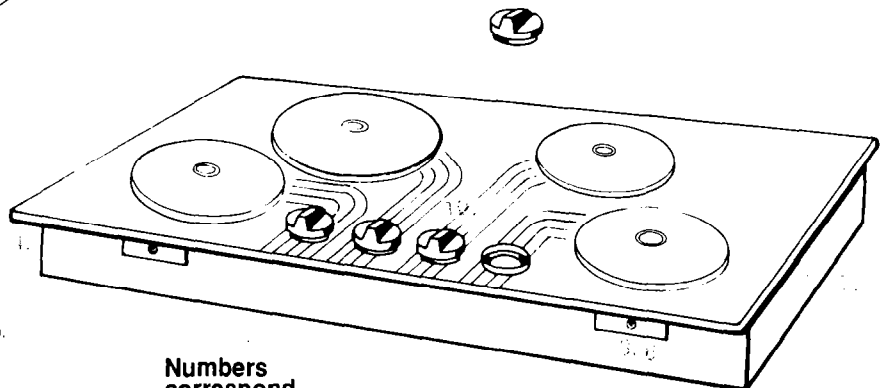
9.

Turn on the power supply.

10.

Push in and turn each control knob to the "HI" position. Check the operation of the cooktop heating elements and indicator lights.

To get the most efficient use from your new cooktop, read your KitchenAid Use and Care Guide. Keep Installation Instructions and Guide close to cooktop for easy reference.



Numbers correspond to steps

If cooktop does not operate...

Check that the circuit breaker is not tripped or the fuse blown. A more detailed troubleshooting checklist is provided in the Use and Care Guide.

If you need assistance...

When you call, you will need the cooktop model number and serial number. Both numbers can be found on the serial/rating plate located on the bottom of the cooktop box.