

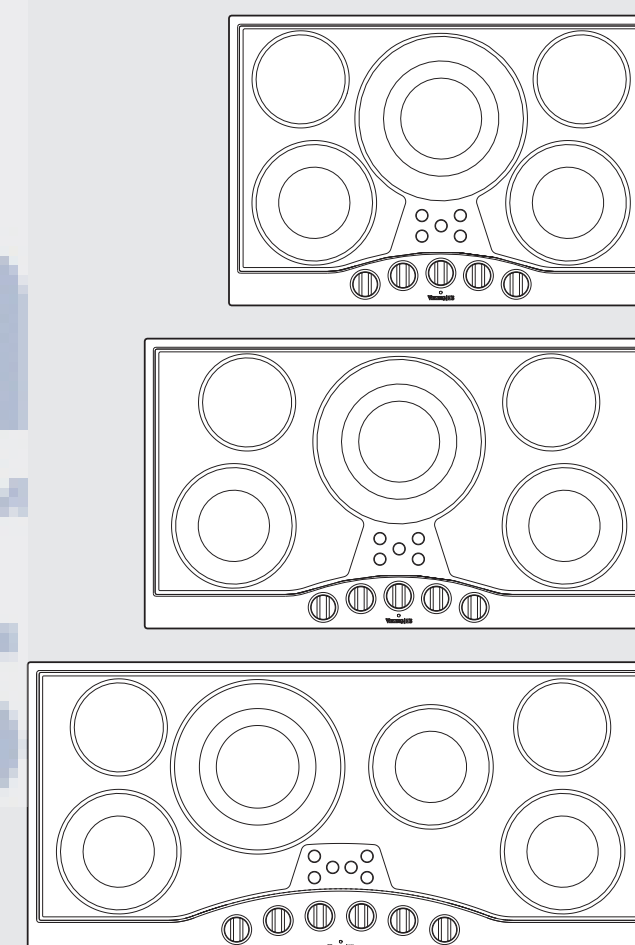


# Installation GUIDE



Viking Range Corporation  
111 Front Street  
Greenwood, Mississippi 38930 USA  
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For product information, call 1-888-VIKING1 (845-4641)  
or visit the Viking Website at [vikingrange.com](http://vikingrange.com)



**VIKING | D3**

Built-In Electric Cooktop

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# IMPORTANT— Please Read and Follow

- Before beginning, please read these instructions completely and carefully.

**Your safety and the safety of others is 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 hazards that can kill or hurt you and others.

All safety messages will be preceded by the safety alert symbol and the word “DANGER,” “WARNING” or “CAUTION.” These words mean:



**DANGER**

Hazards or unsafe practices which **WILL** result in severe personal injury or death



**WARNING**

Hazards or unsafe practices which **COULD** result in severe personal injury or death



**CAUTION**

Hazards or unsafe practices which **COULD** result in minor personal injury or property damage.


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


- **DO NOT** remove permanently affixed labels, warnings, or plates from the product. This may void the warranty.
- Please observe all local and national codes and ordinances.
- Please ensure that this product is properly grounded.
- The installer must leave these instructions with the consumer who should retain for local inspector’s use and for future reference.
- Installation must conform with local codes or, in the absence of codes, the National Electrical Code, ANSI/NFPA 70-latest edition.


**In Canada:** Electrical installation must be in accordance with the current CSA C22.1 Canadian Electrical Codes Part 1 and/or local codes.


# IMPORTANT— Please Read and Follow

# Dimensions

**WARNING**  
**BURN HAZARD**  
The use of cabinets for storage above the appliance may result in potential burn hazard. Combustible items may ignite, metallic items may become hot and cause burns. If a cabinet storage is provided the risk can be reduced by installing a range hood that projects horizontally a minimum of 5" beyond the bottom of the cabinets.

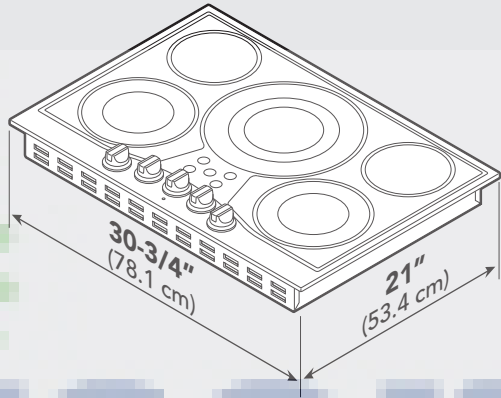
**WARNING**  
**ELECTRICAL GROUNDING INSTRUCTIONS**  
This cooktop must be electrically grounded in accordance with local codes or, in the absence of codes, with the National Electrical Code, ANSI/NFPA 70- latest edition. **FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED.**

**CAUTION**  
Be sure the electric power is off from the breaker box to the junction box until the cooktop is installed and ready to operate. The junction box should be connected to a suitable ground.

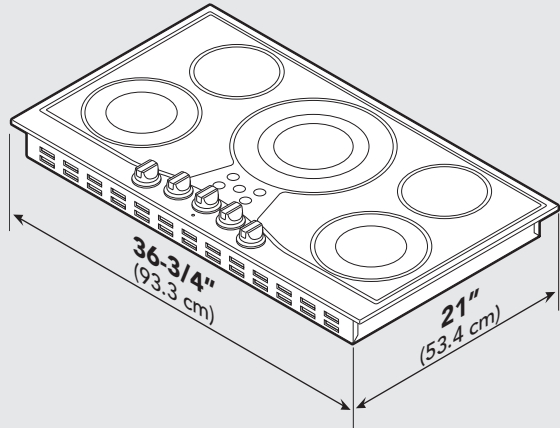
**WARNING**  
The electrical power to the unit must be shut off while line connections are being made. Failure to do so could result in serious injury or death.

**WARNING**  
**FIRE AND ELECTRICAL SHOCK HAZARD**  
**DO NOT** use an extension cord with this appliance. Such use may result in fire, electrical shock, or other personal injury.

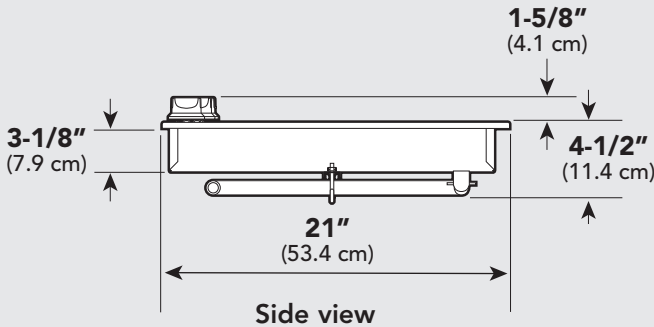
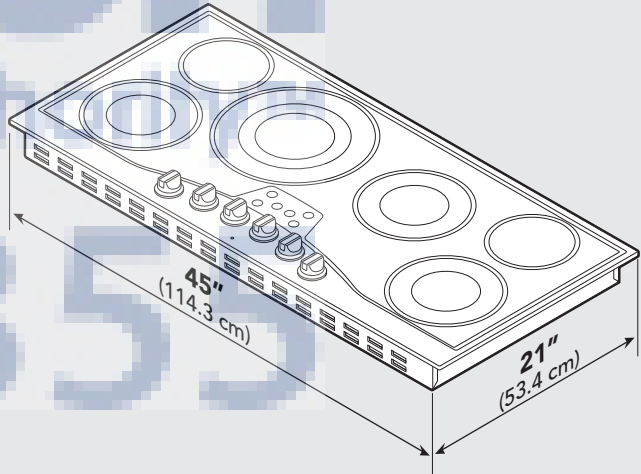
30" Electric Cooktop



36" Electric Cooktop



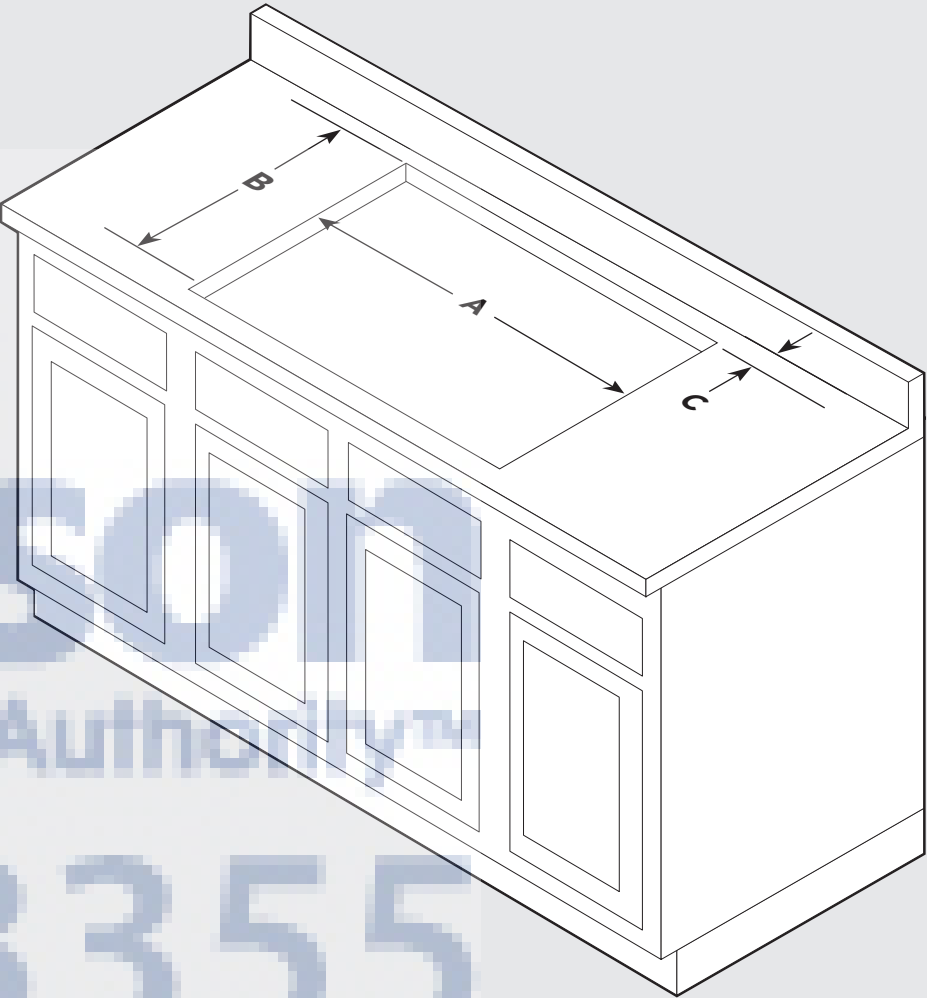
45" Electric Cooktop



Specifications

Electric Cooktop			
Description	RDECU106 30"W	RDECU166 36"W	RDECU256 45"W
Overall width	30-3/4" (78.1 cm)	36-3/4" (93.3 cm)	45" (114.3 cm)
Overall height from bottom	4-1/2" (11.4 cm)		
Overall depth from rear	21" (53.3 cm)		
Cutout width			
Minimum	28-7/8" (73.3 cm)	34-7/8" (88.5 cm)	43-1/8" (109.5 cm)
Maximum	29-7/8" (75.9 cm)	35-7/8" (91.1 cm)	44-1/8" (112.1 cm)
Cutout height with conduit	4-1/8" (10.5 cm)		
Cutout depth			
Minimum	20" (50.8 cm)		
Maximum	20-1/4" (51.4 cm)		
Electrical requirements	240/208v 50/60hz		
Maximum amp usage	240V—40.0 amps 208V—34.6 amps		240V—48.4 amps 208V—34.6 amps
Surface element rating	240V	208V	240V      208V
Right front	2000/1000 watts	2000/1000 watts	2000/1000 watts      2000/1000 watts
Right rear	1200 watts	1200 watts	1200 watts      1200 watts
Center triple	1100/1000/1100 watts	1100/1000/1100 watts	1100/1000/1100 watts      1100/1000/1100 watts
Center double	N/A	N/A	2000/1000 watts      2000/1000 watts
Left front	2000/1000 watts	2000/1000 watts	2000/1000 watts      2000/1000 watts
Left rear	1200 watts	1200 watts	1200 watts      1200 watts
Approximate shipping weight	52 lb. (23.6 kg)	60 lb. (27.0 kg)	71 lb. (32.2 kg)

Cutout Dimensions



	RDECU206	RDECU266	RDECU256
A	28-7/8" (73.3 cm) min. to 29-7/8" (75.9 cm) max.	34-7/8" (88.5 cm) min. to 35-7/8" (91.1 cm) max.	43-1/8" (109.5 cm) min. to 44-1/8" (112.1 cm) max.
B	20" (50.8 cm) min. to 20-1/4" (51.4 cm) max.		
C	2-1/2" (6.4 cm) min.		

**Note:** Based on 24" deep cabinet with 3/4" backsplash.

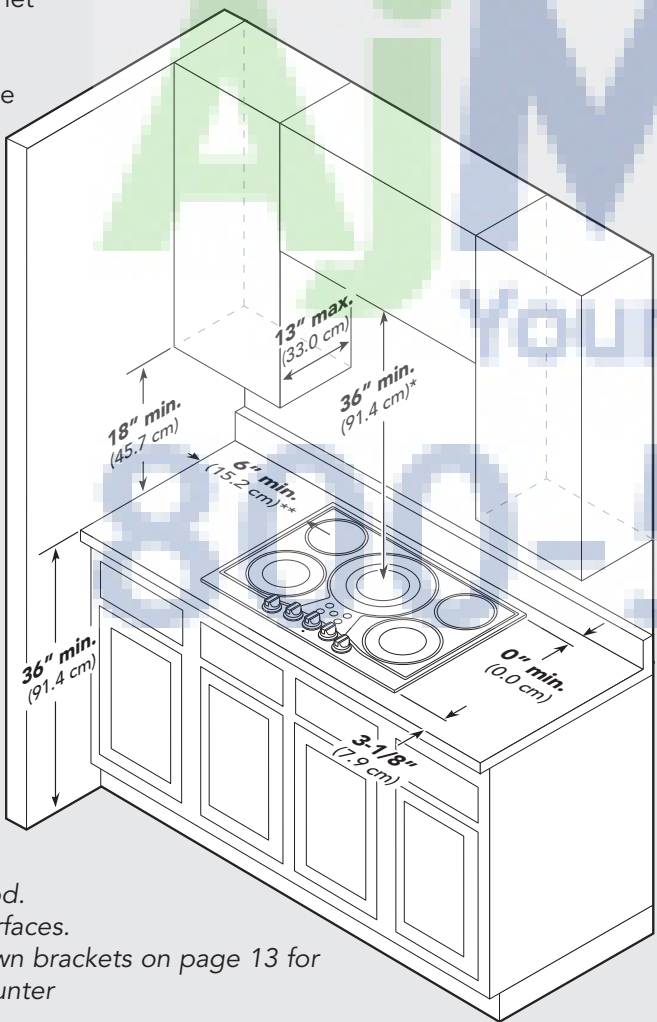
# Clearance Dimensions (Proximity to Cabinets)

## Proximity to Side Cabinet Installation

- The cooktop may be installed directly to existing base cabinets.
- The cooktop **CANNOT** be installed directly adjacent to sidewalls, tall cabinets, tall appliances, or other side vertical surfaces above 36" (91.4 cm) high. There must be a minimum of 6" (15.2 cm) side clearance from the cooktop to such combustible surfaces above the 36" (91.4 cm) counter height.
- Within the 6" (15.2 cm) side clearance to combustible vertical surfaces above 36" (91.4 cm), the maximum wall cabinet depth must be 13" (33.0 cm) and wall cabinets within this 6" (15.2 cm) side clearance must be 18" (45.7 cm) above the 36" (91.4 cm) high countertop.
- Wall cabinet above the cooktop must be a minimum of 36" (91.4 cm) above the countertop for a full width of the cooktop. The minimum height requirement does **NOT** apply if a rangehood is installed over the cooking surface.

## Minimum Clearances from Adjacent Combustible Construction

- Above countertop 36" (91.4 cm) minimum
- Side 6" (15.2 cm)
- Rear 0" (0.0 cm)
- Within 6" side clearance. Wall cabinets no deeper than 13" (33.0 cm)
- Must be minimum 18" (45.7 cm) above countertop
- Wall cabinets directly above the product must be minimum 36" (91.4 cm) above the countertop



Dimensions shown are for use with combustible surfaces unless otherwise stated.

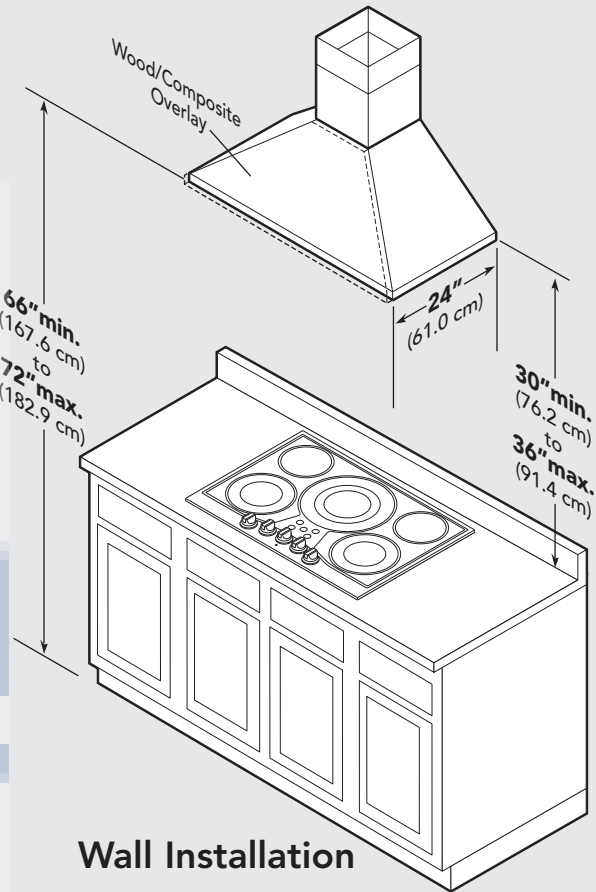
**\*Note:** 36" minimum unless using a hood.

**\*\*Note:** Only applies to combustible surfaces.

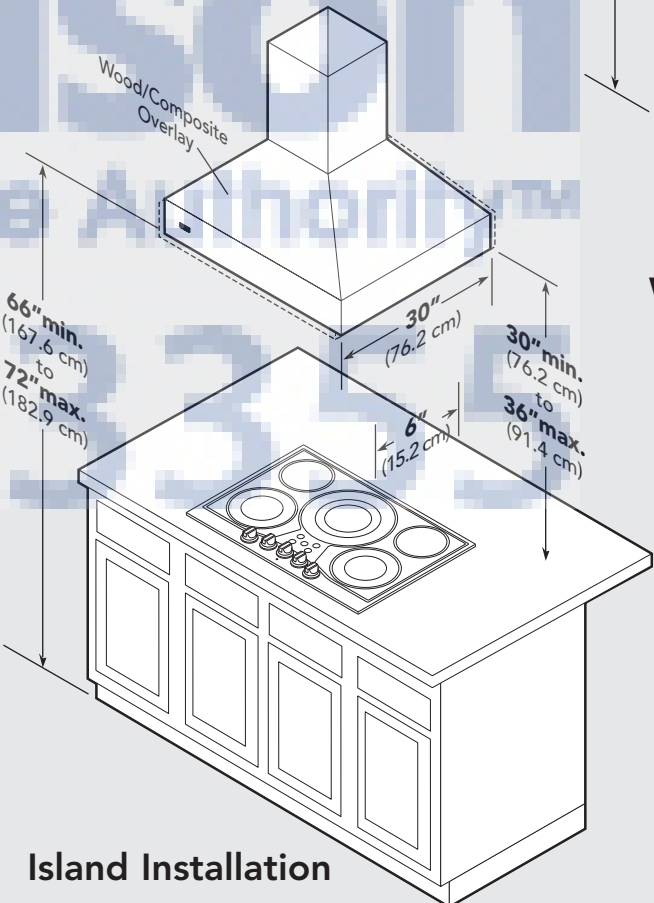
**\*\*\*Note:** Refer to installation of holddown brackets on page 13 for minimum clearances under counter

# Clearance Dimensions (Wood/Composite Overlay)

The bottom of a standard hood should be 30" (76.2 cm) min. to 36" (91.4 cm) max. above the countertop. This would typically result in the bottom of the hood being 66" (167.6 cm) to 72" (182.9 cm) above the floor. Refer to the rangehood installation instructions for additional information. These dimensions provide for safe and efficient operation of the hood.



Wall Installation



Island Installation




# Electrical Requirements

## Electrical Requirements

Check your local codes regarding this unit. This cooktop is supplied with a 3-wire, A.C. 208Y/120 volt or 120/240 volt, 60 HZ electrical system. A white (neutral) is not needed for this unit. See next section for grounding instructions. It should be fused separately.

Refer to the specifications chart and the identification label on the bottom of the burner box for kilowatt rating and recommended amperage. House wiring and fusing must comply with local codes. If no local codes are applicable, wire in accordance with the National Electrical Code, ANSI/NFPA 70-latest edition.


## Electrical Connection



**⚠ WARNING**

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

When making the wire connections, use the entire length of the conduit provided (3 feet). The conduit must not be cut. Connect the red and black leads from the unit conduit to the corresponding leads in the junction box. The bare ground wire in the conduit is connected to the unit frame. When connecting to a 3-conductor branch circuit, if local codes permit, connect the bare ground connector lead of the unit to the branch circuit neutral (gray or white in color).



**⚠ WARNING**


**FIRE AND ELECTRICAL SHOCK HAZARD**

**DO NOT** use an extension cord with this appliance. Such use may result in fire, electrical shock, or other personal injury.

# General Information

## READ AND FOLLOW ALL WARNING AND CAUTION INFORMATION WHEN INSTALLING THIS APPLIANCE.

- All openings in the wall behind the appliance in the floor under the appliance shall be sealed
- Keep appliance area clear and free from combustible materials, gasoline and other flammable vapors.
- Disconnect the electrical supply prior to servicing or cleaning.
- When removing the cooktop for service and/or cleaning, disconnect AC power supply.
- Electrical requirements are listed in the product specifications under the "Electrical Requirements" section.



**⚠ WARNING**


**ELECTRICAL GROUNDING INSTRUCTIONS**

This cooktop must be electrically grounded in accordance with local codes or, in the absence of codes, with the National Electrical Code, ANSI/NFPA 70-latest edition. **FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDING.**



**⚠ WARNING**

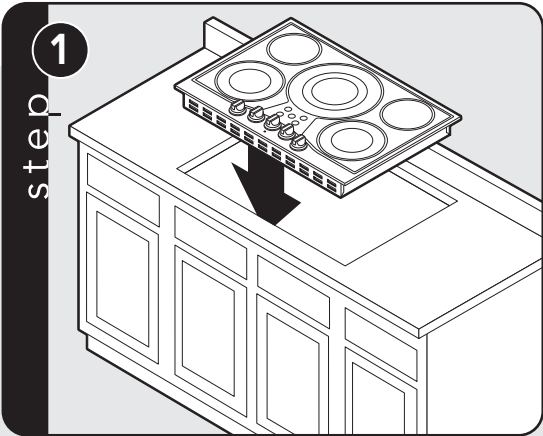
This appliance shall not be used for space heating. This information is based on safety considerations.



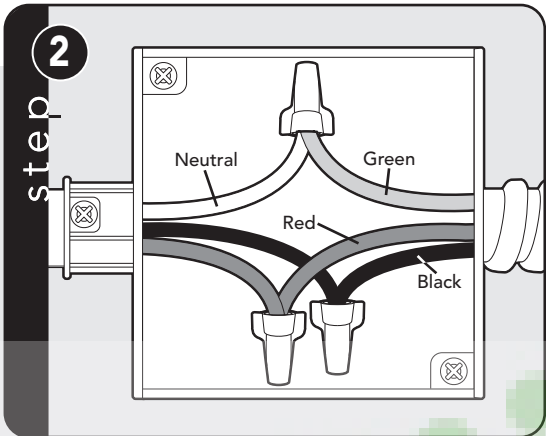
**⚠ CAUTION**

Be sure the electric power is off from the breaker box to the junction box until the cooktop is installed and ready to operate. The junction box should be connected to a suitable ground. **DO NOT** use aGFI circuit.

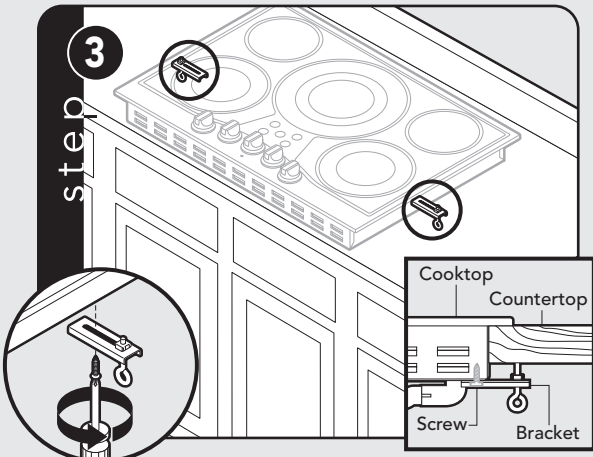
# Installation



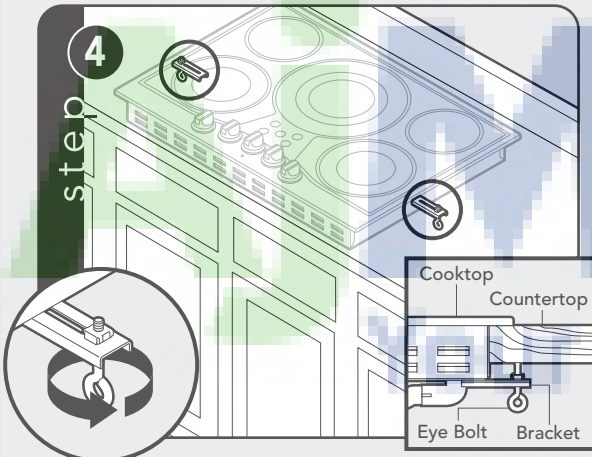
Lower cooktop into cutout.



Connect the red and black leads from the unit conduit to the corresponding leads in the junction box.



Screw brackets to burner box with sheet metal screw.  
(Two bracket assemblies included)



Screw sheet metal screws into brackets and tighten firmly against bottom of countertop.  
**Note:** Be careful not to crack or damage counter by overtightening.

# Final Preparation

- Some stainless steel parts may have a plastic protective wrap which must be peeled off.
- All stainless steel body parts should be wiped with hot, soapy water and with a liquid cleaner designed for this material. If buildup occurs, **DO NOT** use steel wool, abrasive cloths, cleaners, or powders!

If it is necessary to scrape stainless steel to remove encrusted materials, soak with hot, wet cloths to loosen the material, then use a wood or nylon scraper. **DO NOT** use a metal knife, spatula, or any other metal tool to scrape stainless steel! Scratches are almost impossible to remove.

# Performance Checklist

A qualified installer should carry out the following checks:

- ☐ Check top surface elements
  1. Check top surface elements – glow red when turned on.
  2. Check hot surface indicator lights – glow red when corresponding element is hot.

Any adjustments necessary that are a result of the installer not following instructions will be the responsibility of the installer, dealer of the end user of this product.

# Service & Registration

Only authorized replacement parts may be used in performing service on the appliance.  
All servicing should be referred to a qualified technician.

Contact Viking Range Corporation, 1-888-VIKING1 (845-4641), for the nearest service parts distributor in your area or write to:

**VIKING RANGE CORPORATION  
PREFERRED SERVICE  
1803 Hwy 82W  
Greenwood, Mississippi 38930 USA**

The serial number and model number for your appliance can be found by looking under the cooktop.

Record the following information indicated below. You will need it if service is ever required.

Model number \_\_\_\_\_

Serial number \_\_\_\_\_

Date of purchase \_\_\_\_\_

Date installed \_\_\_\_\_

Dealer's name \_\_\_\_\_

Address \_\_\_\_\_

**These installation instructions should remain with the unit  
for future reference.**

