

## INDUCTION COOKTOP

### INSTALLATION INFORMATION

This section of the manual covers some of the installation issues a service technician may need to know when servicing a Wolf Induction Cooktop. If additional information is needed after reviewing this section of the manual, please refer to the Installation Guide or contact the Wolf Appliance Customer Service Department.

#### Electrical Requirements - Induction

##### Nominal Voltage

CT15I – 240V/15amp/60Hz - (20 Amp Service)

**NOTE:** 208VAC installation is not recommended.

##### Maximum Connected Load

CT15I – 3.6Kw (240V)

The Wolf Induction Cooktops require a separate, grounded three-wire service with their own circuit breaker. These appliances must be installed in accordance with National Electrical Codes, as well as all state, municipal and local codes. The correct voltage, frequency and amperage must be supplied to the appliance from a dedicated, grounded circuit which is protected by a properly sized circuit breaker or time delay fuse. The proper voltage, frequency and amperage ratings are listed on the product rating plate. The cooktops are provided with a 48" (1219 mm) conduit consisting of two insulated hot lead conductors (copper) and one insulated ground conductor (copper).

### **⚠ WARNING**

**THIS APPLIANCE MUST BE PROPERLY GROUNDED AT ALL TIMES WHEN ELECTRICAL POWER IS APPLIED.**

**DO NOT GROUND THE APPLIANCE WITH THE NEUTRAL (WHITE) HOUSE SUPPLY WIRE. A SEPARATE GROUND WIRE MUST BE UTILIZED.**

**IF ALUMINUM HOUSE SUPPLY WIRING IS UTILIZED, SPLICE THE APPLIANCE COPPER WIRE TO THE ALUMINUM HOUSE WIRING USING SPECIAL CONNECTORS DESIGNED AND CERTIFIED FOR JOINING COPPER AND ALUMINUM. FOLLOW THE CONNECTOR MANUFACTURER'S RECOMMENDED PROCEDURE CAREFULLY. IMPROPER CONNECTION CAN RESULT IN A FIRE HAZARD.**

### **⚠ WARNING**

**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 PROTECTS HORIZONTALLY A MINIMUM OF 5" (127 MM) BEYOND THE BOTTOM OF THE CABINETS.**

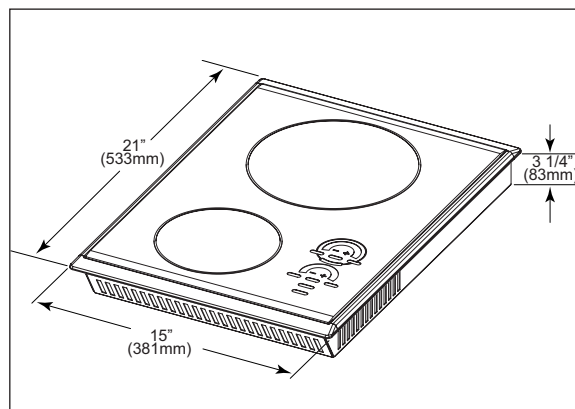
## INDUCTION COOKTOP

### PRE-INSTALLATION SPECIFICATIONS

#### Countertop Location

##### Dimension Description

- A** Minimum flat countertop surface. Must be equal to or greater than cooktop width.
- B** Minimum 2-inches (152mm) wide clearance from the cooktop side edge to any combustible surface up to 18 inches (457mm) above the cooktop (noted by shaded area).
- C** Minimum 2-inches (152mm) wide clearance from the cooktop side edge to any combustible surface up to 18 inches (457mm) above the cooktop (noted by shaded area).

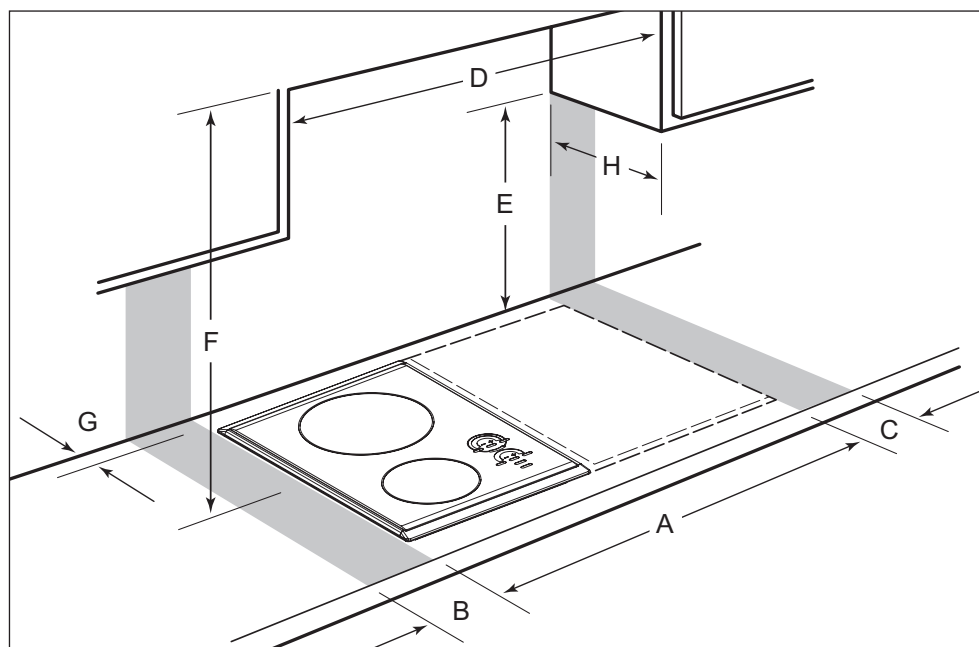


**Figure 2-1. Overall Dimensions**

#### Overhead Cabinet Dimensions

##### Dimension Description

- D** Minimum spacing between cabinets directly over cooktop, must be greater than or equal to the nominal width of the cooktop unit.
- E** Minimum 18 inches (457mm) vertical distance from the countertop surface to the bottom of cabinets adjacent to the cabinet directly above the cooktop unit.
- F** Minimum 24-inches (610mm) clearance between the top of the cooking surface and the bottom of wood or metal cabinet which is protected by not less than 1/4-inch (6mm) flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015-inch (.4mm) stainless steel or 0.024-inch (.5mm) copper. Minimum 30" (762mm) clearance between the top of the cooking surface and the bottom of an unprotected wood or metal cabinet.
- G** Minimum 1-1/2-inches (38mm) from rear wall.
- H** Maximum 13-inch (330mm) depth of overhead cabinets.



**Figure 2-2. Pre-Installation Specifications**

**NOTE:** Dimension may vary by  $\pm 1/8"$  (3mm).

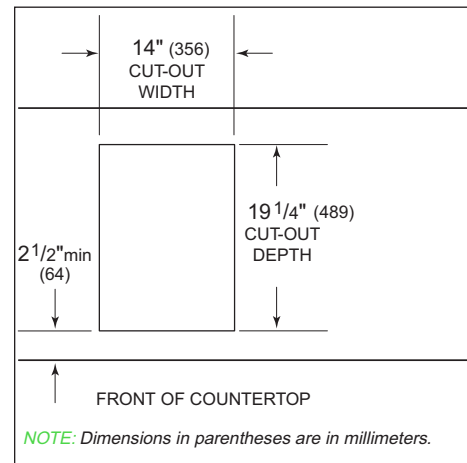
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### Countertop Cut-out Dimensions

This cooktop is designed to fit a standard 24" (610 mm) deep base cabinet with a 25" (635 mm) deep countertop. Before making the countertop cut-out, verify that the cooktop will clear the side walls of the base cabinet below. There should be at least 5-1/2" (140 mm) to 7" (178 mm) clearance between the top countertop surface and any combustible surface directly below the unit. This includes upper edges of drawers located directly below unit. Refer to the following illustrations for cut-out dimensions.

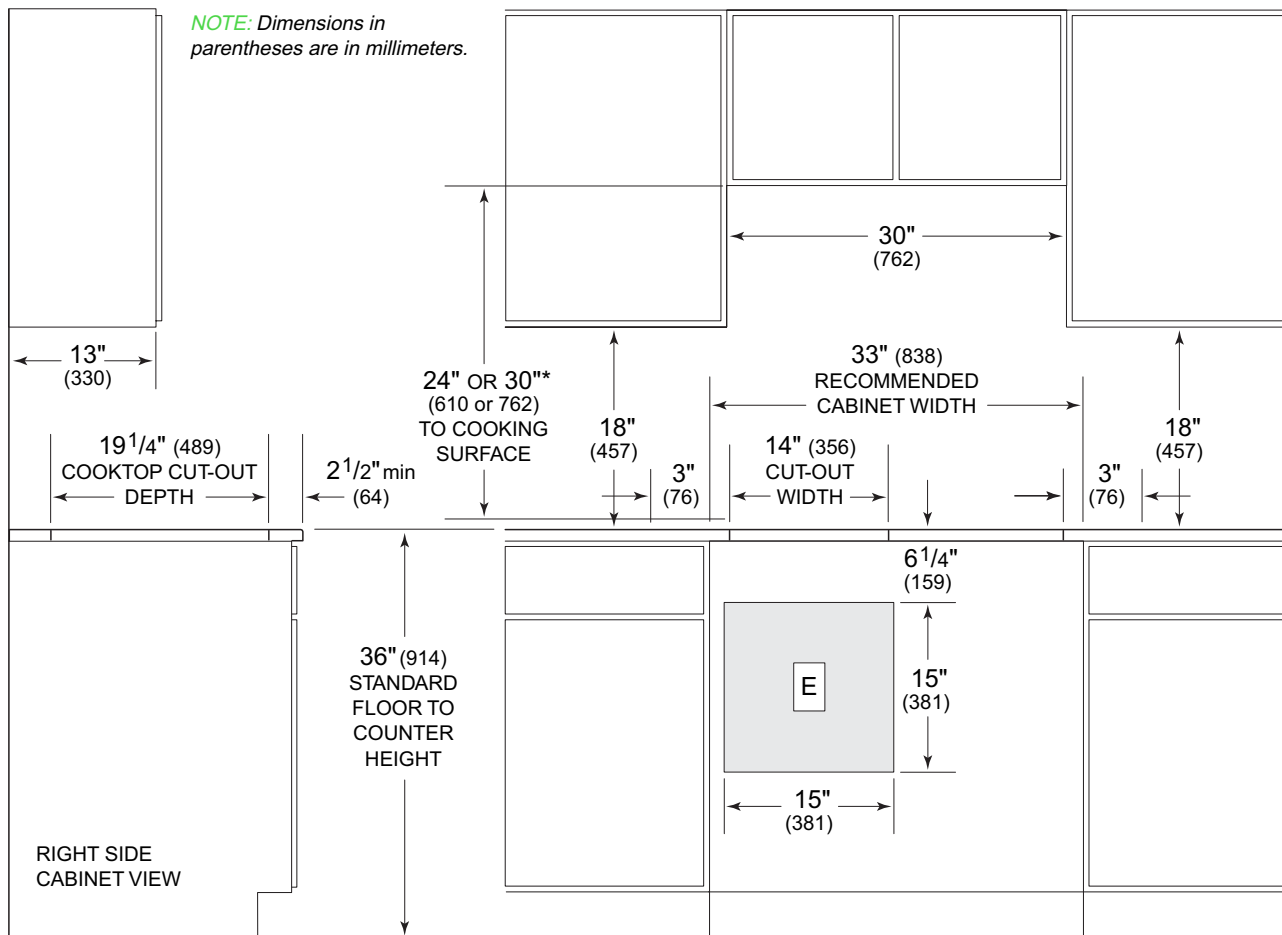
**NOTE:** Locate the junction box within reach of the 48" (1219 mm) conduit, and so as to be accessible when the cooktop unit is installed.

**NOTE:** Plastic or other utensils with low melting temperatures should not be located in drawers directly below unit.



**Figure 2-3. Overhead View of Countertop**

**NOTE:** Dimension may vary by  $\pm 1/8"$  (3mm).



**NOTE:** Application shown allows for installation of two 15" (381 mm) modules side-by-side.

\* Minimum 24" (610 mm) from protected cabinet or 30" (762 mm) from unprotected cabinet to cooking surface.

**Figure 2-4. Cut-out Dimensions**

## INDUCTION COOKTOP

### INSTALLATION PROCEDURE

#### Install

- Insert cooktop into countertop opening and center cooktop. Check that the front edge of the cooktop is parallel to the front edge of the countertop. Check that all required clearances are met.
- To attach hold down brackets to the sides of the unit, insert holddown clip into the rectangular punch-out in the pan and push down.
- Install the clamping screws into the bracket and tighten until screw contacts the underside of the countertop.  
(See Figure 2-5).

**NOTE:** Do not over tighten screws.

**NOTE:** Do not use caulk or silicon to secure the unit to the countertop.

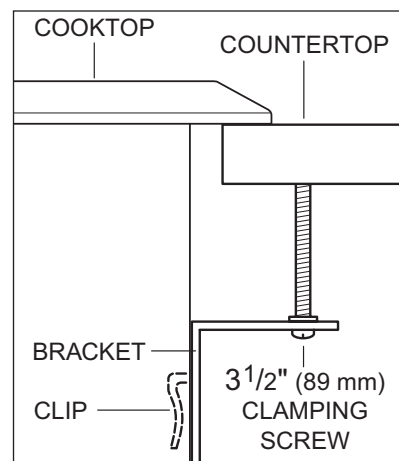


Figure 2-5. Attaching Hold Down Clamp

#### Installation of Multiple Cooktops

If this cooktop is to be used with any combination of additional cooktop units or modules with a filler strip, the cut-out width is calculated by adding the corresponding units' cut-out dimensions plus 1-1/4" (32 mm) for each additional unit. (See Figure 2-6).

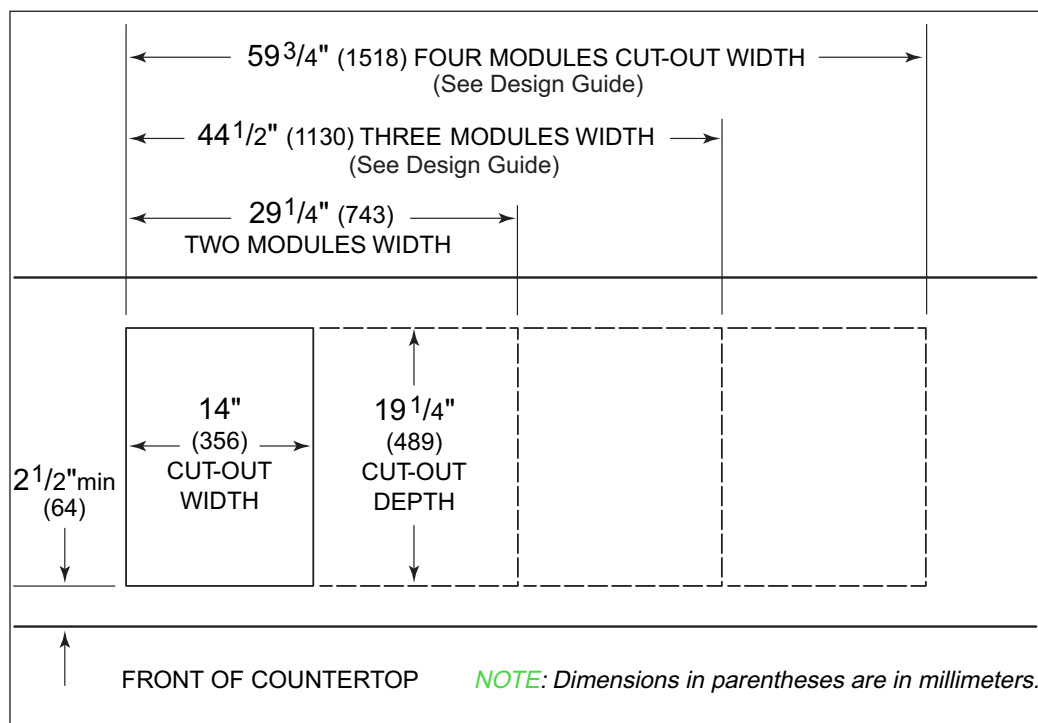


Figure 2-6. Multiple Cooktop Installation