



## PRE-INSTALLATION SPECIFICATIONS

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, please refer to the Installation Guide or contact the Wolf Appliance Customer Service Department.

### Electrical Requirements - Induction

#### Nominal Voltage

Model CT15I	240 VAC / 50/60 Hz / 20 amp service
	208 VAC / 60 Hz / 20 amp service
Model CT30I & CT30IU	240 VAC / 50/60 Hz / 40 amp service
	208 VAC / 60 Hz / 40 amp service
Model CT36I & CT36IU	240 VAC / 50/60 Hz / 50 amp service
	208 VAC / 60 Hz / 50 amp service

#### Maximum Connected Load

Model CT15I	3.6 kW at 240 VAC, 3.1 kW at 208VAC
Model CT30I & CT30IU	7.2 kW at 240 VAC, 6.3 kW at 208VAC
Model CT36I & CT36IU	10.2 kW at 240 VAC, 8.9 kW at 208VAC

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 APPLIANCE WITH NEUTRAL (WHITE) HOUSE SUPPLY WIRE. A SEPARATE GROUND WIRE MUST BE UTILIZED.**
- **IF ALUMINUM HOUSE SUPPLY WIRING IS UTILIZED, SPLICE APPLIANCE COPPER WIRE TO ALUMINUM HOUSE WIRING USING SPECIAL CONNECTORS DESIGNED AND CERTIFIED FOR JOINING COPPER AND ALUMINUM. FOLLOW THE CONNECTOR MANUFACTURERS RECOMMENDED PROCEDURE CAREFULLY. IMPROPER CONNECTION CAN RESULT IN A FIRE HAZARD.**
- **TO ELIMINATE RISK OF BURNS OR FIRE BY REACHING OVER HEATED SURFACE UNITS, CABINET STORAGE SPACE LOCATED ABOVE 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"(127mm) BEYOND BOTTOM OF THE CABINETS.**

### Electrical Requirements (Continued)

The cooktop is provided with a flexible conduit with electrical leads that must be connected to residential wiring.

For electrical installation attach the conductors to the residence wiring in accordance with National Electrical Codes and all state, provincial, municipal and local codes.

### Site Preparation

**NOTE:** Installation of the Wolf induction cooktop must meet the following location requirements. All dimensions listed are minimum requirements for safe operation.

### ⚠ WARNING

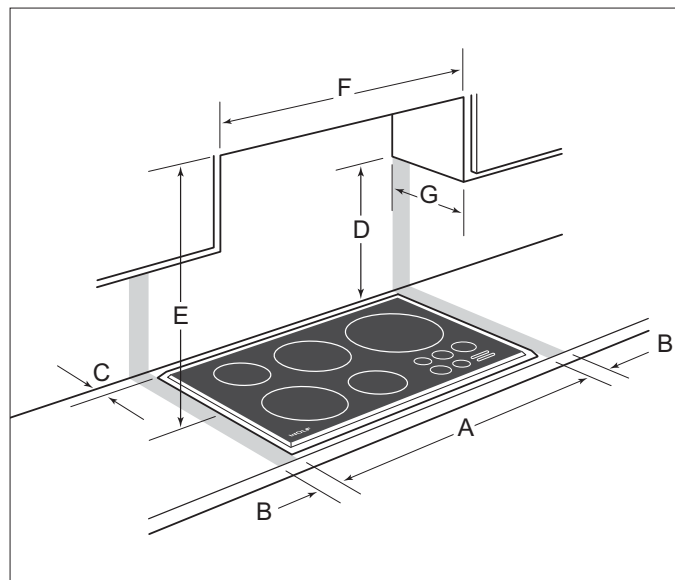
- **FAILURE TO LOCATE THE COOKTOP WITHOUT THE PROPER CLEARANCES WILL RESULT IN A FIRE HAZARD.**
- **TO ELIMINATE RISK OF BURNS OR FIRE BY REACHING OVER HEATED SURFACE UNITS, CABINET STORAGE SPACE LOCATED ABOVE SURFACE UNITS SHOULD BE AVOIDED. IF CABINET STORAGE IS TO BE PROVIDED, THE RISK CAN BE REDUCED BY INSTALLING A RANGE HOOD THAT PROTECTS HORIZONTALLY A MINIMUM OF 5"(127mm) BEYOND BOTTOM OF THE CABINETS.**

### Location In Countertop (Refer to Figure 2-1)

- Minimum flat counter top surface. Must be equal to or greater than cooktop width.
- Minimum 1" (25mm) wide clearance from the cooktop side edge to any combustible surface up to 18" (457mm) above the cooktop (noted by shaded area).
- Minimum 1" (25mm) from rear wall.

### Overhead Cabinet Dimensions

- Minimum 18" (457mm) vertical distance from the counter top to the bottom of side cabinets within minimum side clearance.
- Minimum vertical distance between the counter top and combustible materials above the cooktop must be 30" (762mm).
- Minimum spacing between overhead side cabinets must be greater than or equal to the nominal width of the cooktop unit(s).
- Maximum 13" (330mm) depth of overhead and side cabinets directly above and within side clearance (See letter B).

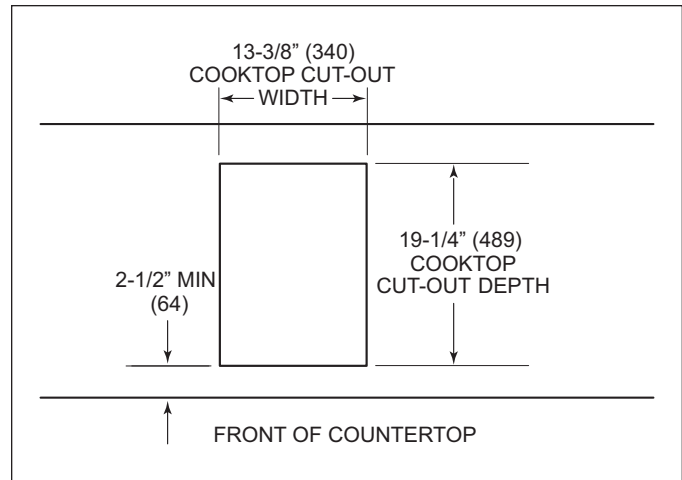


**Figure 2-1. Installation Specifications.**

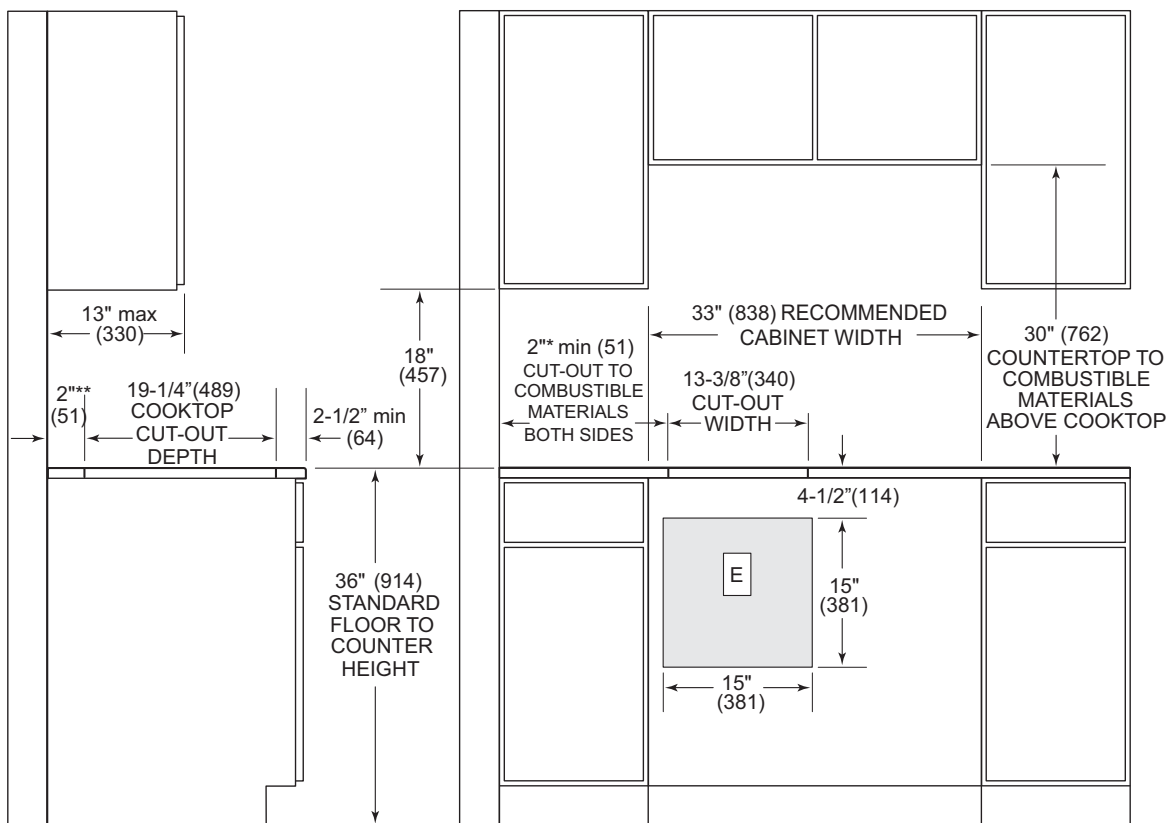
**INSTALLATION DIMENSIONS FOR CT15I**

(Refer to Illustrations to the right &amp; below):

This cooktop is designed to fit a standard 24" (610 mm) width base cabinet with a 25" (635 mm) deep counter top. Before making the counter top cut-out, verify that the cooktop will clear the side walls of the base cabinet below. There should be at least 6" (152mm) clearance between the top counter top surface and any combustible surface directly below the unit. This includes upper edges of drawers located directly below unit. If a shelf is installed below the unit, a 1" (25mm) gap at the rear of the cabinet shelf is necessary to allow for proper ventilation. Failure to do so could result in decreased performance or product damage.

**Overhead View of Countertop.****NOTES:**

- Locate junction box within reach of 48" (1219 mm) conduit, so it is accessible when the cooktop is installed.
- Plastic or other utensils with low melting temperatures should not be located in drawers directly below unit.

**NOTES:**

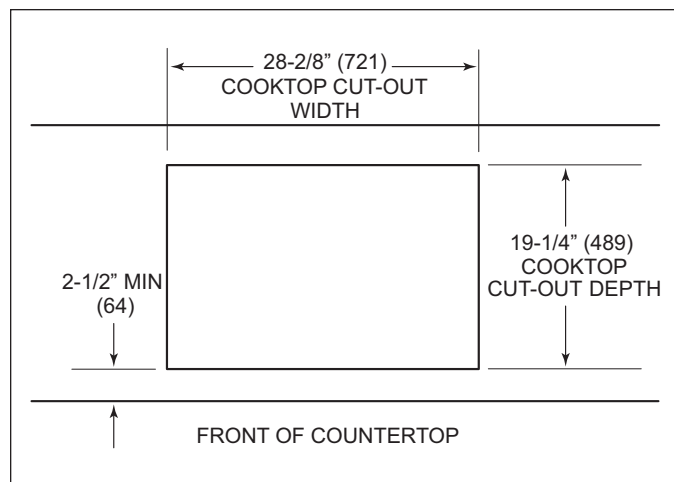
- Application shown allows for installation of two 15" (381mm) modules side-by-side with 33" (838mm) recommended cabinet width. 18" (457mm) recommended cabinet width for installation of single 15" (381mm) cooktop or module. \*\*\*Minimum clearance from both side edges of cooktop cut-out to combustible materials up to 18" (457mm) above countertop. \*\*Minimum clearance from rear edge of cooktop cut-out to combustible materials up to 18" (457mm) above countertop.
- If cooktop is to be used with any combination of additional cooktops or modules with a filler strip, the cut-out width increases to 14" (356mm).
- Unit dimensions may vary to  $\pm 1/8"$  (3mm).

### INSTALLATION DIMENSIONS FOR CT30I

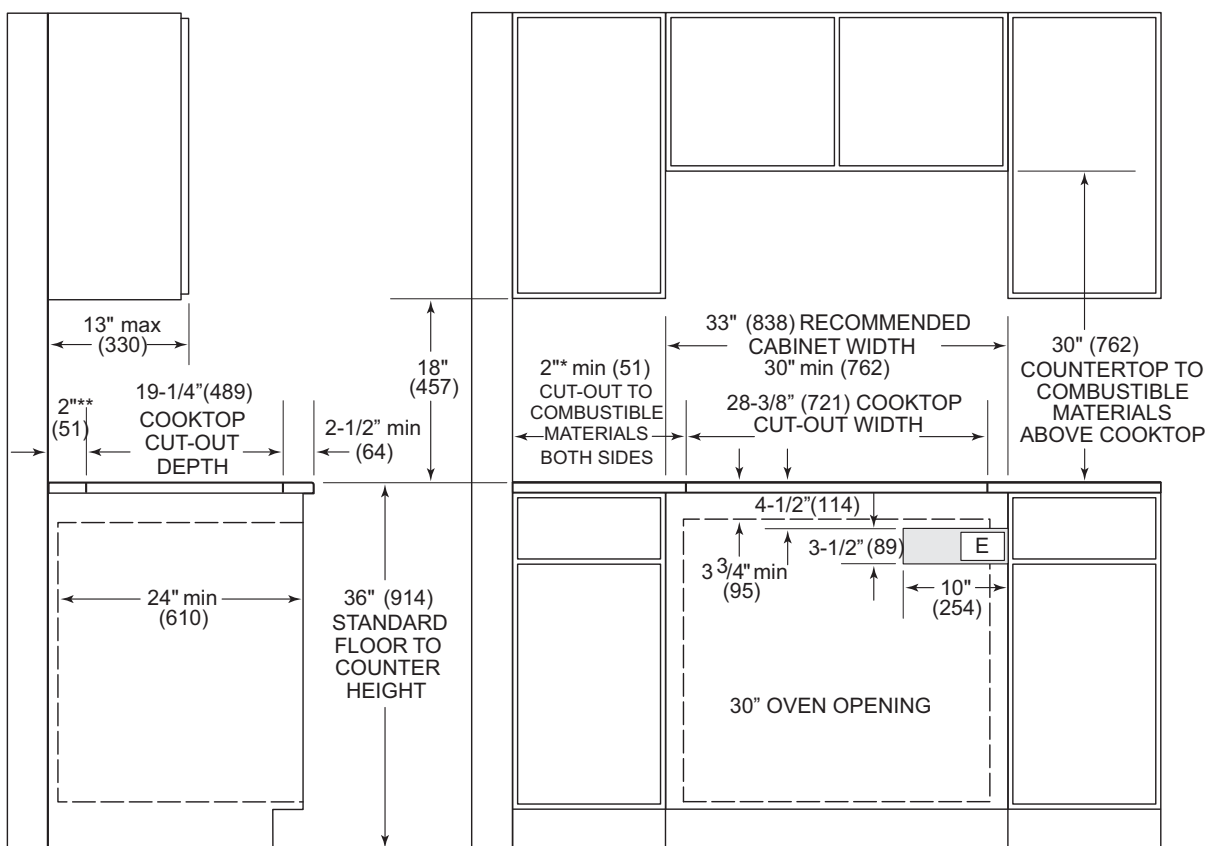
(Refer to Illustrations to the right & below):

This cooktop is designed to fit a standard 33" (838mm) width base cabinet with a 25" (635mm) deep counter top. Before making the counter top cut-out, verify that the cooktop will clear the side walls of the base cabinet below. A Wolf 30" (762mm) or 36" (914mm) built-in single oven may be installed below Model CT30I. For this installation, unless the cabinets are deeper than 24" (610mm), it is recommended that the electrical supply be placed in the base cabinet to the right of the oven. Refer to installation instructions provided with the built-in oven for additional specifications.

**NOTE:** Locate junction box within reach of 48" (1219 mm) conduit, so it is accessible when cooktop is installed.



Overhead View of Countertop.



### NOTES:

- \*Minimum clearance from both side edges of cooktop cut-out to combustible materials up to 18" (457mm) above counter top. \*\*Minimum clearance from rear edge of cooktop cut-out to combustible materials up to 18" (457mm) above counter top.
- Unit dimensions may vary to  $\pm 1/8"$  (3mm).

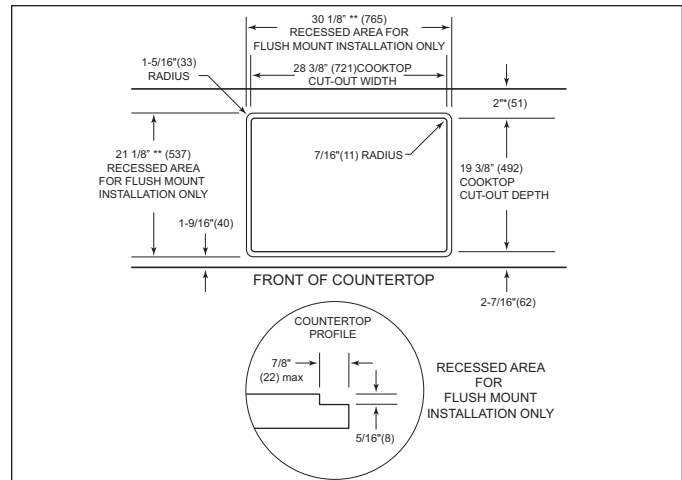
## INSTALLATION DIMENSIONS FOR CT30IU

(Refer to Illustrations to the right & below):

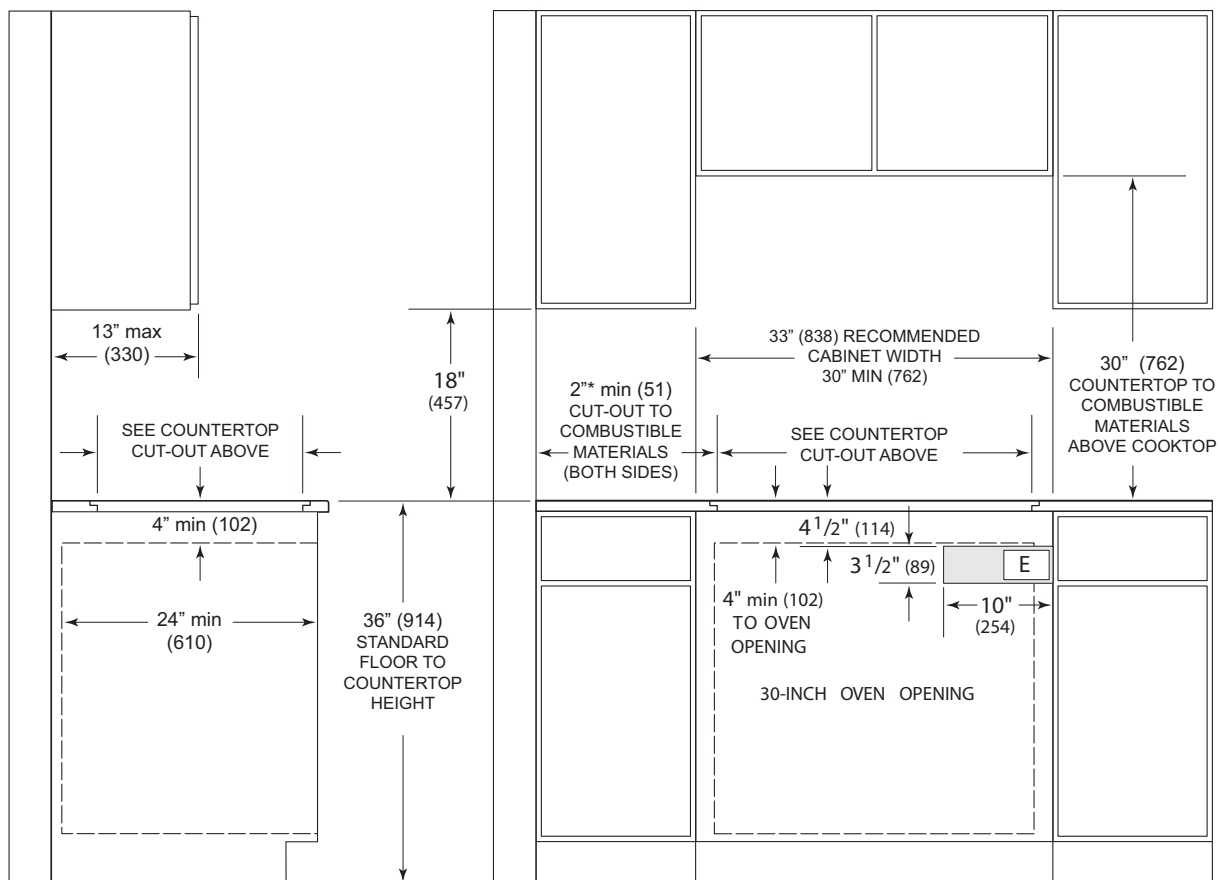
This cooktop is designed to fit a 33" (838mm) width base cabinet with a 25" (635mm) deep countertop. Before making countertop cut-out, verify that cooktop will clear the side walls of the base cabinet below. A Wolf 30" (762mm) built-in single oven may be installed below a CT30IU. For this installation, unless the cabinets are deeper than 24" (610mm), it is recommended that the electrical supply be placed in base cabinet to right of the oven.

### NOTES:

- Locate junction box within reach of 48" (1219 mm) conduit, so it is accessible when cooktop is installed.
- Do not block cooling fan located at bottom of cooktop. Minimum 6-1/4" (159mm) clearance is required between countertop and any combustible surface directly below cooktop.
- For flush mount application, it is recommended to measure the glass before cutting the countertop to ensure a proper fit. Small variances may exist between the template and the cooktop.



Overhead View of Countertop.



### NOTES:

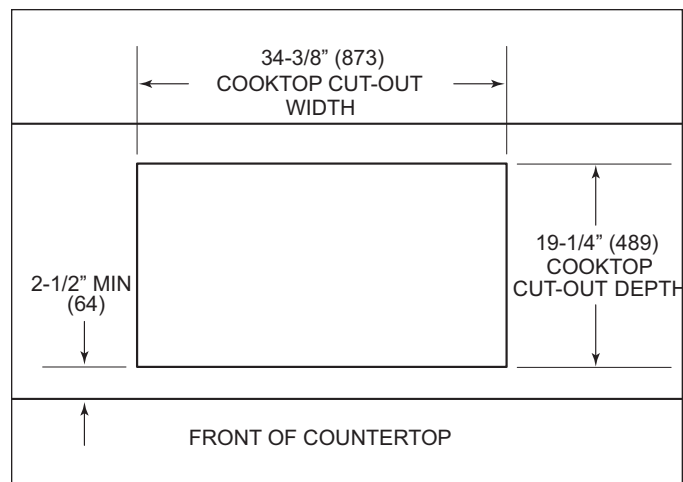
- \*Minimum clearance from both side edges of cooktop cut-out to combustible materials up to 18" (457mm) above counter top. \*\*Minimum dimension, but may be exceeded by up to 1/8" (3).
- Unit dimensions may vary to  $\pm 1/8"$  (3mm).

### INSTALLATION DIMENSIONS FOR CT36I

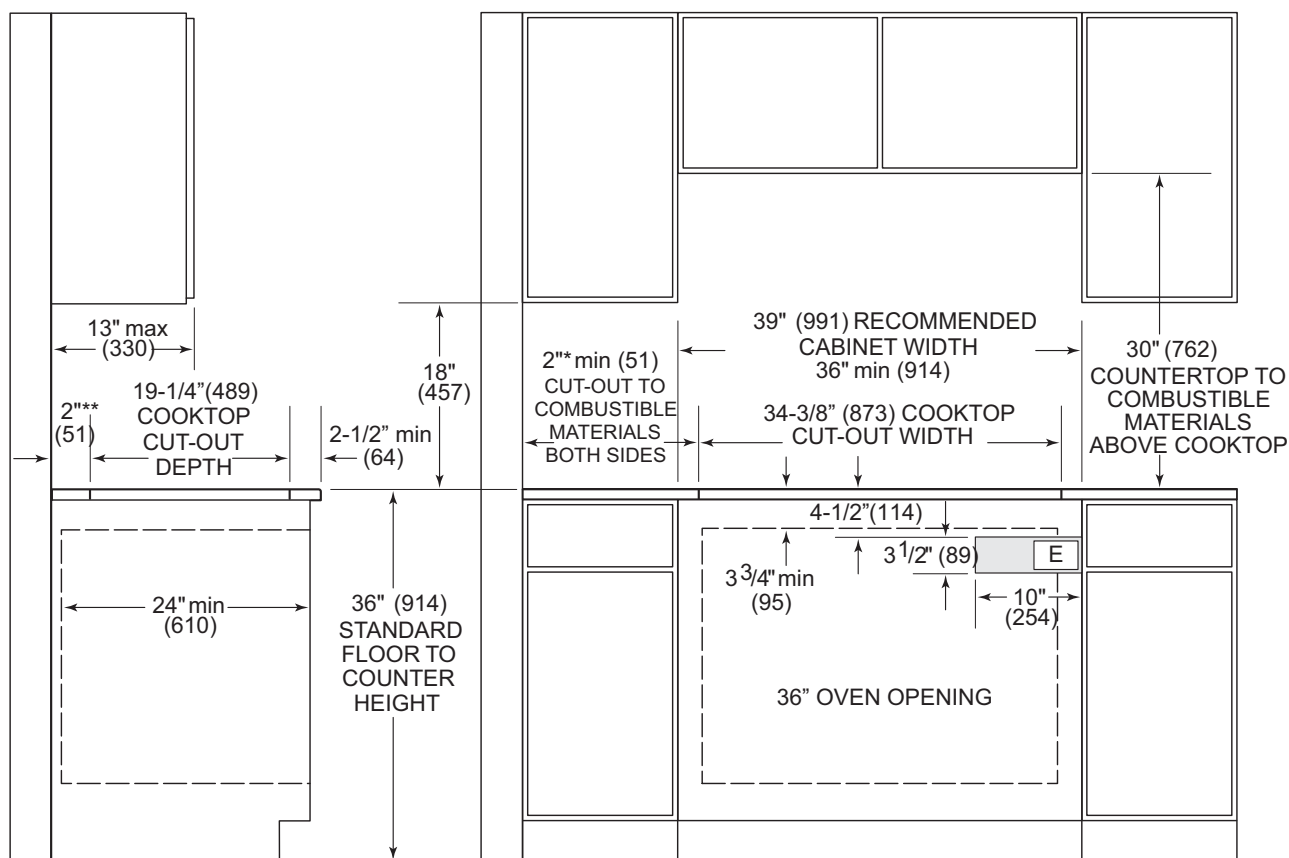
(Refer to Illustrations to the right & below):

This cooktop is designed to fit a 39" (838mm) minimum width base cabinet with a 25" (635mm) deep counter top. Before making the counter top cut-out, verify that the cooktop will clear the side walls of the base cabinet below. A Wolf 30" (762mm) or 36" (914mm) built-in single oven may be installed below Model CT36I. For this installation, unless the cabinets are deeper than 24" (610mm), it is recommended that the electrical supply be placed in the base cabinet to the right of the oven. Refer to installation instructions provided with the built-in oven for additional specifications.

**NOTE:** Locate junction box within reach of 48" (1219 mm) conduit, so it is accessible when cooktop is installed.



Overhead View of Countertop.



#### NOTES:

- \*Minimum clearance from both side edges of cooktop cut-out to combustible materials up to 18" (457mm) above counter top. \*\*Minimum clearance from rear edge of cooktop cut-out to combustible materials up to 18" (457mm) above counter top.
- Unit dimensions may vary to  $\pm 1/8"$  (3mm).

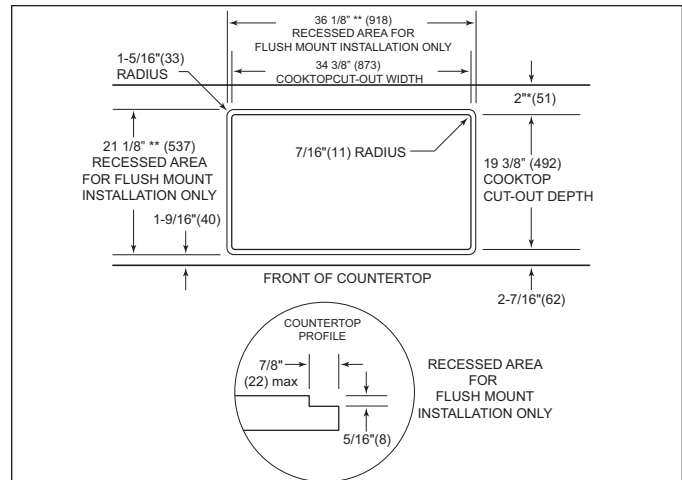
## INSTALLATION DIMENSIONS FOR CT36IU

(Refer to Illustrations to the right & below):

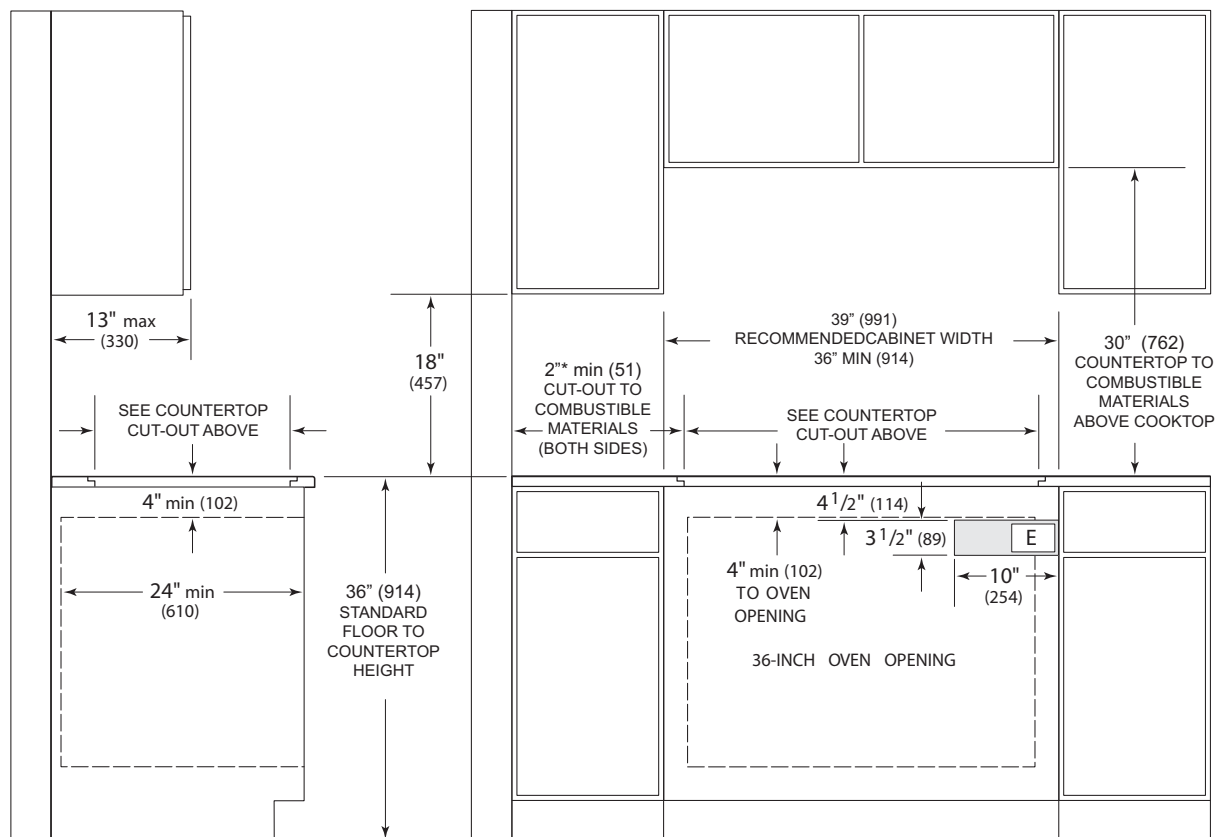
This cooktop is designed to fit a 39" (914mm) width base cabinet with a 25" (635mm) deep counter top. Before making the counter top cut-out, verify that the cooktop will clear the side walls of the base cabinet below. A Wolf 36" (762mm) built-in single oven may be installed below Model CT36IU. For this installation, unless the cabinets are deeper than 24" (610mm), it is recommended that the electrical supply be placed in the base cabinet to the right of the oven.

### NOTES:

- Locate junction box within reach of 48" (1219 mm) conduit, so it is accessible when cooktop is installed.
- Do not block cooling fan located at bottom of cooktop. Minimum 6-1/4" (159mm) clearance is required between countertop and any combustible surface directly below cooktop.
- For flush mount application, it is recommended to measure the glass before cutting the countertop to ensure a proper fit. Small variances may exist between the template and the cooktop.



Overhead View of Countertop.



### NOTES:

- \*Minimum clearance from both side edges of cooktop cut-out to combustible materials up to 18" (457mm) above counter top. \*\*Minimum clearance from rear edge of cooktop cut-out to combustible materials up to 18" (457mm) above counter top.
- Unit dimensions may vary to  $\pm 1/8"$  (3mm).



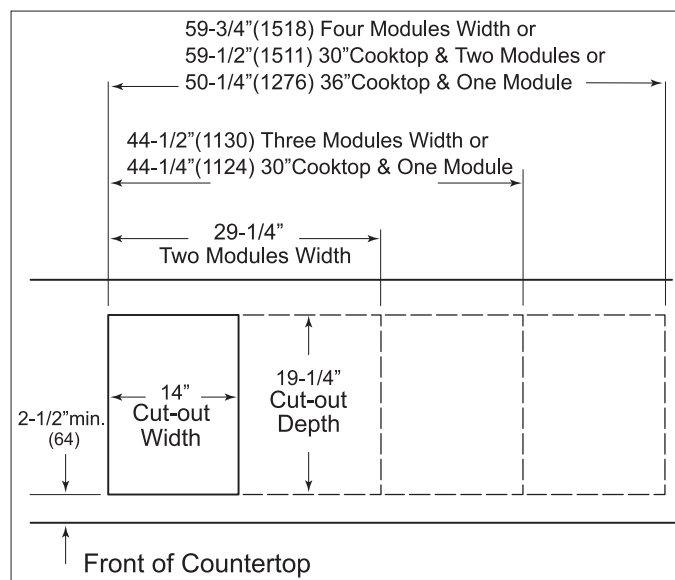
### MULTIPLE COOKTOP INSTALLATIONS

If the induction 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" (32mm) for each additional unit (See Figure 2-2).

#### NOTES:

- For Model CT15I, the cut-out width should be increased from 13-3/8" (340mm) to 14" (356mm) when installed with multiple units.
- When multiple units are installed side by side, each unit must have its own separate recommended electrical circuit.
- It is recommended that you operate the Wolf induction cooktop with either a Wolf cooktop ventilation hood, downdraft system or Pro ventilation hood.

When two or more modules are installed together, an integrated module filler strip (IFILLER/S) is recommended. If a 30" (762mm) downdraft ventilation system is also installed, an integrated module support for downdraft ventilation (ISUPPORT) is also required. Contact your Wolf dealer for information on these accessory components.



**Figure 2-2. Multiple Cooktop Arrangements.**

### Ventilation Options

**NOTE:** It is recommended that you operate the Wolf induction cooktop with either a Wolf cooktop ventilation hood, downdraft system or Pro ventilation hood. Contact your Wolf dealer for details.

The following is a list of ventilation units that can be used with the induction cooktops.

Cooktop Wall Hood	30"(762mm) or 36"(914mm) widths in classic stainless steel.
Cooktop Island Hood	42"(1067mm) width in classic stainless steel.
Downdraft Ventilation System	30"(762mm), 36"(914mm) or 45"(1143mm) widths, with top cover and control panel in classic, platinum and carbon stainless steel finishes. 45"(1143mm) downdraft available in classic finish only.
Pro Wall Hood	22"(559mm), 24"(610mm) or 27"(686mm) depths and 30"(762mm) to 66"(1676mm) widths in classic stainless steel.
Pro Island Hood	36"(914mm) to 66"(1676mm) widths in classic stainless steel.
Pro Hood Liner	Available in widths to accommodate 36"(914mm) to 60"(1524mm) hoods.

**NOTE:** When installing a ventilation hood, refer to the specific requirements of the hood for the minimum dimension to counter top.



## COOKTOP INSTALLATION

Attach the foam strip to the underside of the cooktop frame. Gently lower the cooktop into the cut-out area in the counter top and center. Check that the front edge of the cooktop is parallel to the front edge of the counter top. Check that all required clearances are met.

Attach the brackets to the bottom of the unit, as shown in the illustration below. Install the clamping screws into the bracket and tighten until the screws contact the underside of the counter top. Do not over-tighten the screws (See Figure 2-3).

**NOTE:** Do not seal the cooktop to the counter top. The cooktop must be removable if service is necessary.

### WARNING

IF THE CERAMIC GLASS TOP OF COOKTOP IS BROKEN, TURN OFF POWER TO UNIT. DO NOT OPERATE UNTIL GLASS HAS BEEN REPLACED BY A WOLF AUTHORIZED SERVICE CENTER.

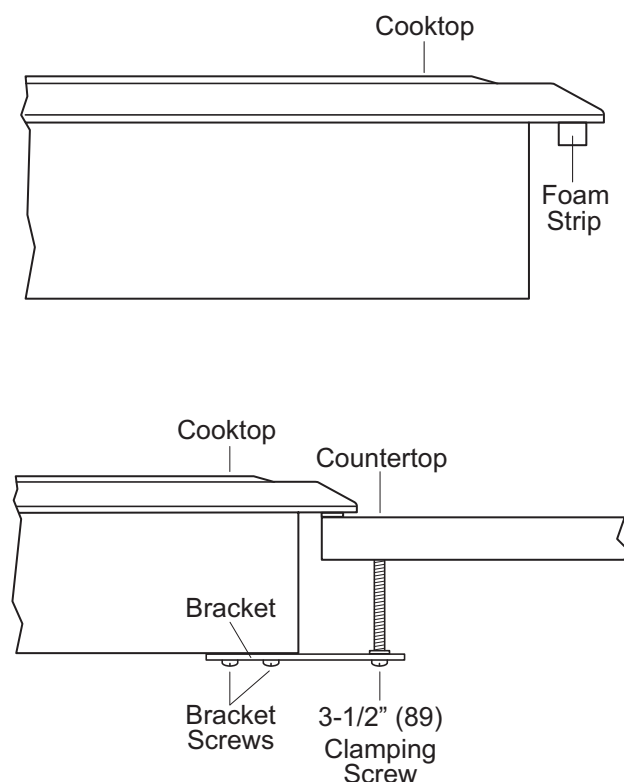


Figure 2-3. Cooktop Installation.