

**BUILT-IN OVENS**



## INSTALLATION INSTRUCTIONS

**WOLF**<sup>®</sup>



**WOLF**<sup>®</sup>

As you follow these instructions, you will notice **WARNING** and **CAUTION** symbols. This blocked information is important for the safe and efficient installation of Wolf equipment. There are two types of potential hazards that may occur during installation.

**⚠ CAUTION**

signals a situation where minor injury or product damage may occur if you do not follow instructions.

**⚠ WARNING**

states a hazard that may cause serious injury or death if precautions are not followed.

Another footnote we would like to identify is **IMPORTANT NOTE**: This highlights information that is especially relevant to a problem-free installation.

**INSTALLATION** REQUIREMENTS

**IMPORTANT NOTE:** This installation must be completed by a qualified technician.

**IMPORTANT NOTE:** Save these Installation Instructions for the local inspector's use.

- Please read the entire Installation Instructions prior to installation.
- **Installer:** please retain these instructions for local inspector's reference, then leave them with the homeowner.
- **Homeowner:** please read and keep these instructions for future reference and be sure to read the entire Use & Care Information prior to use.

**IMPORTANT NOTE:** This appliance 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.

Record the model and serial numbers before installing the built-in oven. Both numbers are listed on the rating plate, located on the right side of the oven trim, directly above the door. Open the oven door to view the rating plate.

**Model Number** \_\_\_\_\_

**Serial Number** \_\_\_\_\_

**SITE** PREPARATION

**IMPORTANT NOTE:** A minimum 24" (610) of usable cabinet depth is required, or the back panel of the cabinet may need to be removed for proper installation. The electrical box must be flush with the back panel of the cabinet.

The installation opening must have a flat, level base platform to support the oven. Single ovens require a minimum base support of 250 lbs (113 kg) and the double oven requires a minimum base support of 400 lbs (181 kg).

The Wolf built-in oven is installed by inserting into cabinetry from the front. The ovens have a face trim on all four sides and will overlap stiles and rails. The trim overlaps  $\frac{1}{8}$ " (3) on the bottom,  $\frac{3}{16}$ " (5) on the top and  $\frac{3}{4}$ " (19) on each side.

**IMPORTANT NOTE:** Wolf built-in ovens are designed and agency approved for installation with Wolf cooktops only. The nominal width of the built-in oven should match the nominal width of the cooktop. A built-in oven cannot be installed below a Wolf rangetop.

## CONTACT INFORMATION

**Wolf Customer Service:**  
800-332-9513

**Website:**  
[wolfappliance.com](http://wolfappliance.com)



30" (762) SINGLE OVEN

MODELS SO30F AND SO30U

**IMPORTANT NOTE:** A minimum 24" (610) of usable cabinet depth is required, or the back panel of the cabinet may need to be removed for proper installation. The electrical box must be flush with the back panel of the cabinet.

For ease of installation, Wolf recommends using 33" (838) wide cabinets with the 30" single (762) oven. The cabinet base platform must be able to support 250 lbs (113 kg).

Refer to the following illustrations for overall dimensions, installation specifications and electrical location for the 30" (762) single oven.

The 30" (762) single oven requires a separate, grounded 4-wire 240/208 V AC, 60 Hz, 30 amp service with its own circuit breaker. It is provided with a 4' (1.2 m) flexible 4-wire conduit, which can make a connection at an electrical box. Refer to Electrical Requirements on page 12. The oven is not supplied with an electrical plug.

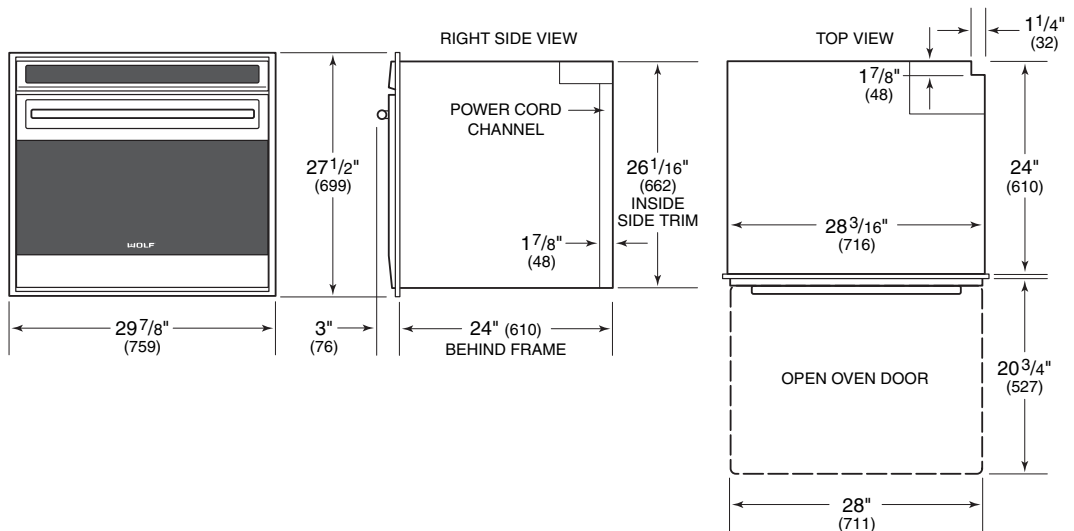
**IMPORTANT NOTE:** Unless you are using cabinets deeper than 24" (610), it is recommended that the electrical supply be placed in an adjacent cabinet within reach of the conduit. Choose the location shown in the Installation Specifications illustration that best suits your installation.

INSTALLATION OPTIONS

The Wolf 30" (762) single oven may be installed below a Wolf 30" (762) electric or gas cooktop. Unless you are using cabinets deeper than 24" (610), it is recommended that the electrical supply be placed in the base cabinet to the right of the oven within reach of the conduit. The Wolf 30" (762) single oven may also be installed below a Wolf 36" (914) electric or gas cooktop.

A Wolf 30" (762) single oven may be installed next to another 30" (762) single oven. You must allow for a 2 1/2" (64) space between the oven rough openings. Also, a separate inner wall is required for each oven between openings.

OVERALL DIMENSIONS – MODELS SO30F AND SO30U

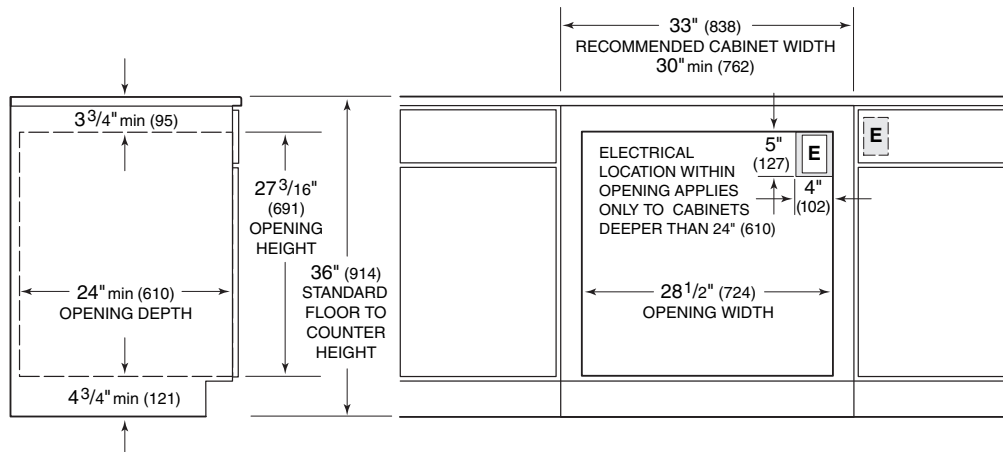
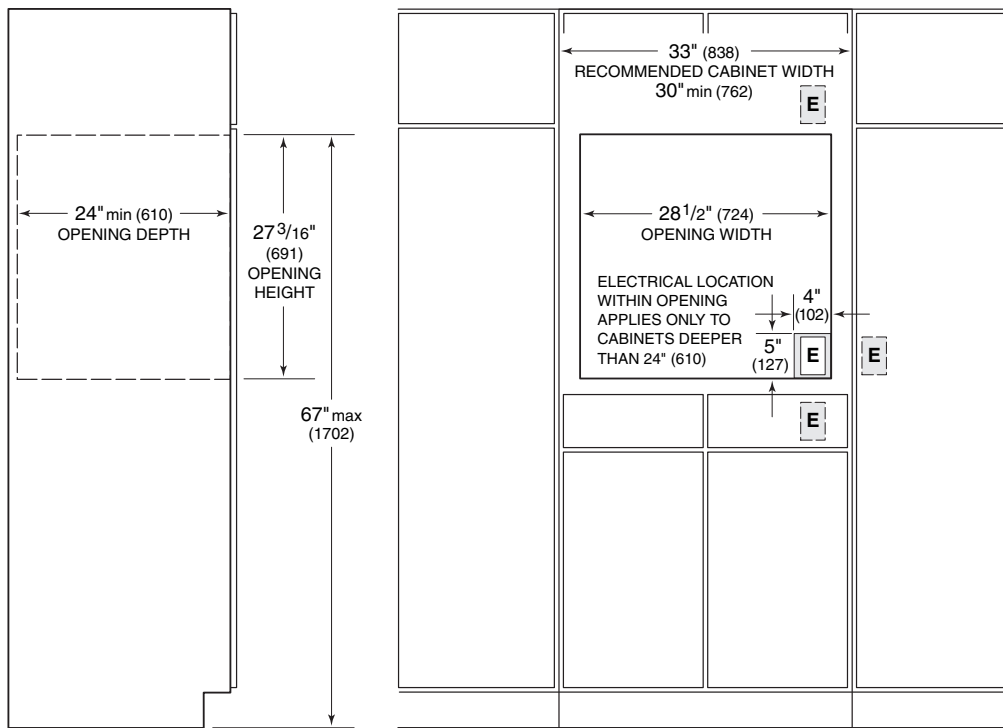




INSTALLATION SPECIFICATIONS

MODELS SO30F AND SO30U

Overall Width	29 <sup>7</sup> / <sub>8</sub> " (759)	Minimum Cabinet Width	30" (762)
Overall Height	27 <sup>1</sup> / <sub>2</sub> " (699)	Minimum Cabinet Depth	24" (610)
Overall Depth	24" (610)	Opening Width	28 <sup>1</sup> / <sub>2</sub> " (724)
Door Clearance	20 <sup>3</sup> / <sub>4</sub> " (527)	Opening Height	27 <sup>3</sup> / <sub>16</sub> " (691)
Recommended Cabinet Width	33" (838)	Minimum Base Support	250 lbs (113 kg)



Dimensions in parentheses are in millimeters unless otherwise specified.



36" (914) SINGLE OVEN

MODEL SO36U

**IMPORTANT NOTE:** A minimum 24" (610) of usable cabinet depth is required, or the back panel of the cabinet may need to be removed for proper installation. The electrical box must be flush with the back panel of the cabinet.

For ease of installation, Wolf recommends using 39" (991) wide cabinets with the 36" single (914) oven. The cabinet base platform must be able to support 250 lbs (113 kg).

Refer to the following illustrations for overall dimensions, installation specifications and electrical location for the 36" (914) single oven.

The 36" (914) single oven requires a separate, grounded 4-wire 240/208 V AC, 60 Hz, 30 amp service with its own circuit breaker. It is provided with a 3' (.9 m) flexible 4-wire conduit, which can make a connection at an electrical box. Refer to Electrical Requirements on page 12. The oven is not supplied with an electrical plug.

**IMPORTANT NOTE:** Unless you are using cabinets deeper than 24" (610), it is recommended that the electrical supply be placed in an adjacent cabinet within reach of the conduit. Choose the location shown in the Installation Specifications illustration that best suits your installation.

INSTALLATION OPTIONS

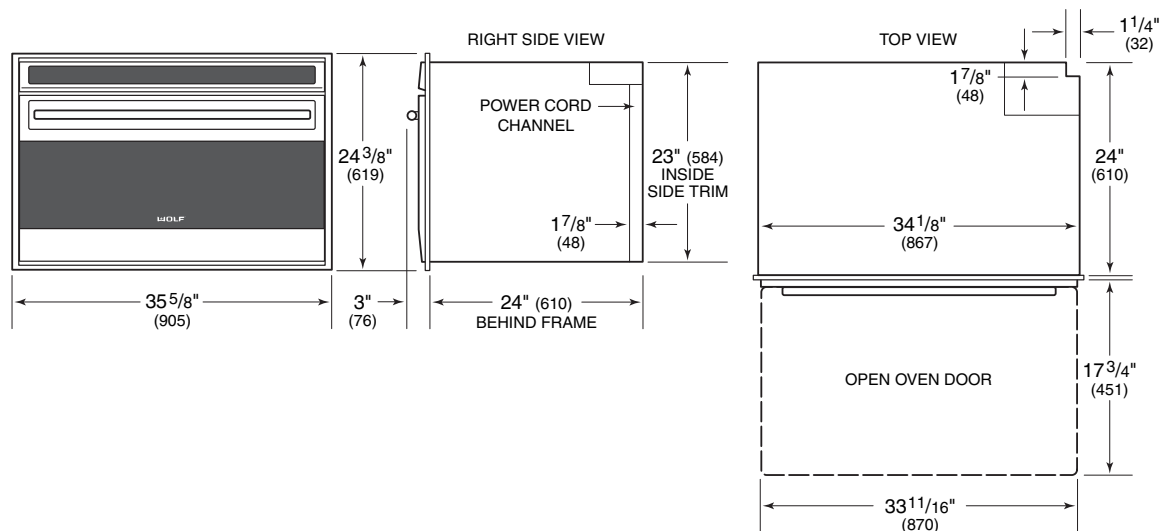
The 36" (914) single oven may be installed below a Wolf 36" (914) electric or gas cooktop. Unless you are using cabinets deeper than 24" (610), it is recommended that the electrical supply be placed in the base cabinet to the right of the oven within reach of the conduit. The 36" (914) single oven may also be installed below a Wolf 30" (762) framed electric cooktop, but not below a 30" (762) unframed electric cooktop or 30" (762) gas cooktop.

When a 36" (914) oven is installed below a cooktop, it is recommended that the rough opening for the oven be 7<sup>3</sup>/<sub>4</sub>" (197) from the floor to ease the use of the oven door.

A 36" (914) single oven may be installed directly above another 36" (914) oven. You must allow enough space between oven rough openings to accommodate a base platform for the top oven. Each cabinet base platform must be able to support 250 lbs (113 kg).

A Wolf 36" (914) single oven may be installed next to another 36" (914) oven. You must allow for a 2<sup>1</sup>/<sub>2</sub>" (64) space between the oven rough openings. Also, a separate inner wall is required for each oven between openings.

OVERALL DIMENSIONS – MODEL SO36U

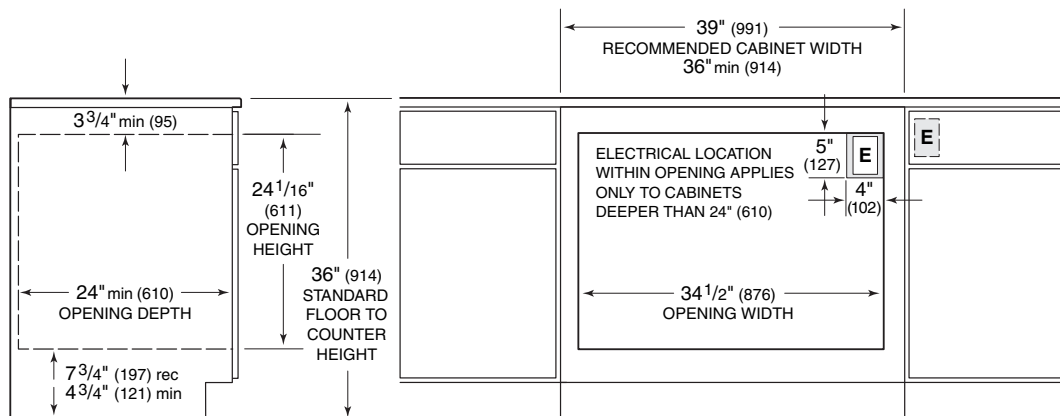
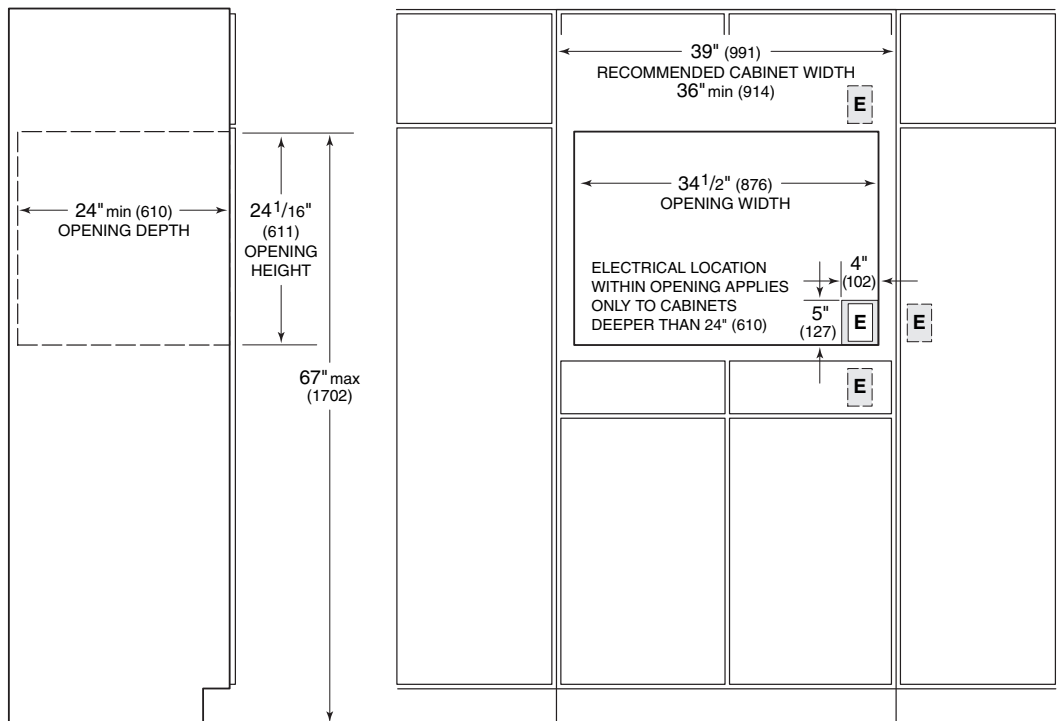




INSTALLATION SPECIFICATIONS

MODEL SO36U

Overall Width	35 <sup>5</sup> / <sub>8</sub> " (905)	Minimum Cabinet Width	36" (914)
Overall Height	24 <sup>3</sup> / <sub>8</sub> " (619)	Minimum Cabinet Depth	24" (610)
Overall Depth	24" (610)	Opening Width	34 <sup>1</sup> / <sub>2</sub> " (876)
Door Clearance	17 <sup>3</sup> / <sub>4</sub> " (451)	Opening Height	24 <sup>1</sup> / <sub>16</sub> " (611)
Recommended Cabinet Width	39" (991)	Minimum Base Support	250 lbs (113 kg)



Dimensions in parentheses are in millimeters unless otherwise specified.



30" (762) DOUBLE OVEN

MODELS DO30F AND DO30U

**IMPORTANT NOTE:** A minimum 24" (610) of usable cabinet depth is required, or the back panel of the cabinet may need to be removed for proper installation. The electrical box must be flush with the back panel of the cabinet.

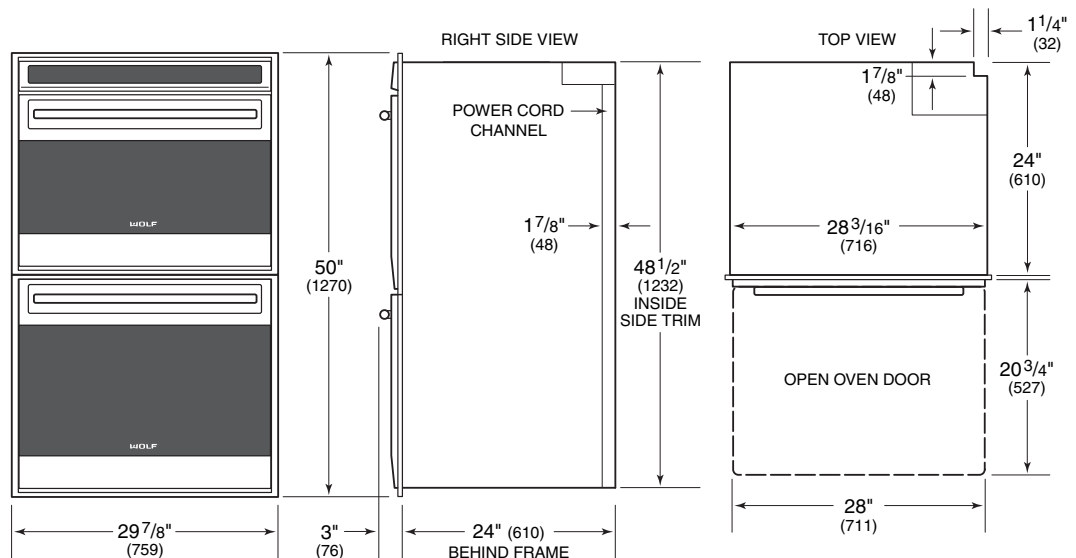
For ease of installation, Wolf recommends using 33" (838) wide cabinets with the 30" double (762) oven. The cabinet base platform must be able to support 400 lbs (181 kg).

Refer to the following illustrations for overall dimensions, installation specifications and electrical location for the 30" (762) double oven.

The 30" (762) double oven requires a separate, grounded 4-wire 240/208 V AC, 60 Hz, 50 amp service with its own circuit breaker. It is provided with a 5' (1.5 m) flexible 4-wire conduit, which can make a connection at an electrical box. Refer to Electrical Requirements on page 12. The oven is not supplied with an electrical plug.

**IMPORTANT NOTE:** Unless you are using cabinets deeper than 24" (610), it is recommended that the electrical supply be placed in an adjacent cabinet within reach of the conduit. Choose the location shown in the Installation Specifications illustration that best suits your installation.

OVERALL DIMENSIONS – MODELS DO30F AND DO30U



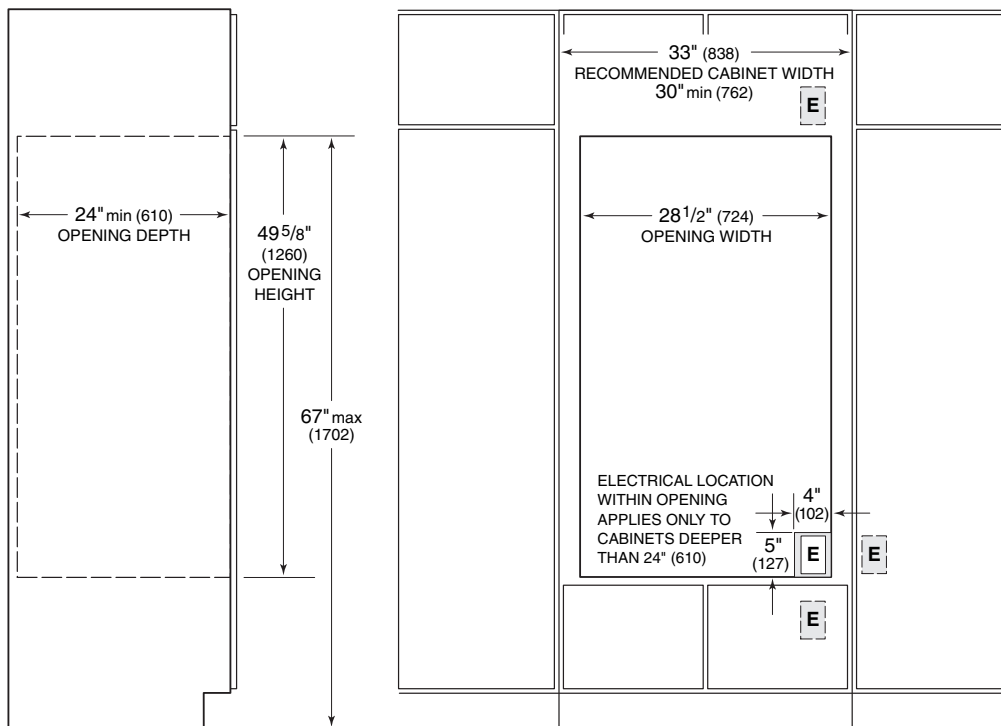




INSTALLATION SPECIFICATIONS

MODELS DO30F AND DO30U

Overall Width	29 <sup>7</sup> / <sub>8</sub> " (759)	Minimum Cabinet Width	30" (762)
Overall Height	50" (1270)	Minimum Cabinet Depth	24" (610)
Overall Depth	24" (610)	Opening Width	28 <sup>1</sup> / <sub>2</sub> " (724)
Door Clearance	20 <sup>3</sup> / <sub>4</sub> " (527)	Opening Height	49 <sup>5</sup> / <sub>8</sub> " (1260)
Recommended Cabinet Width	33" (838)	Minimum Base Support	400 lbs (181 kg)



Dimensions in parentheses are in millimeters unless otherwise specified.



**INSTALLATION SPECIFICATIONS**

**INSTALLATION OPTIONS**

The Wolf 30" (762) single oven may be installed in combination with a Wolf non-convection or convection microwave oven with 30" (762) trim kit and a 30" (762) warming drawer with stainless steel or integrated drawer front. Refer to the illustration below, and pages 4–5 for installation specifications for the 30" (762) single oven.

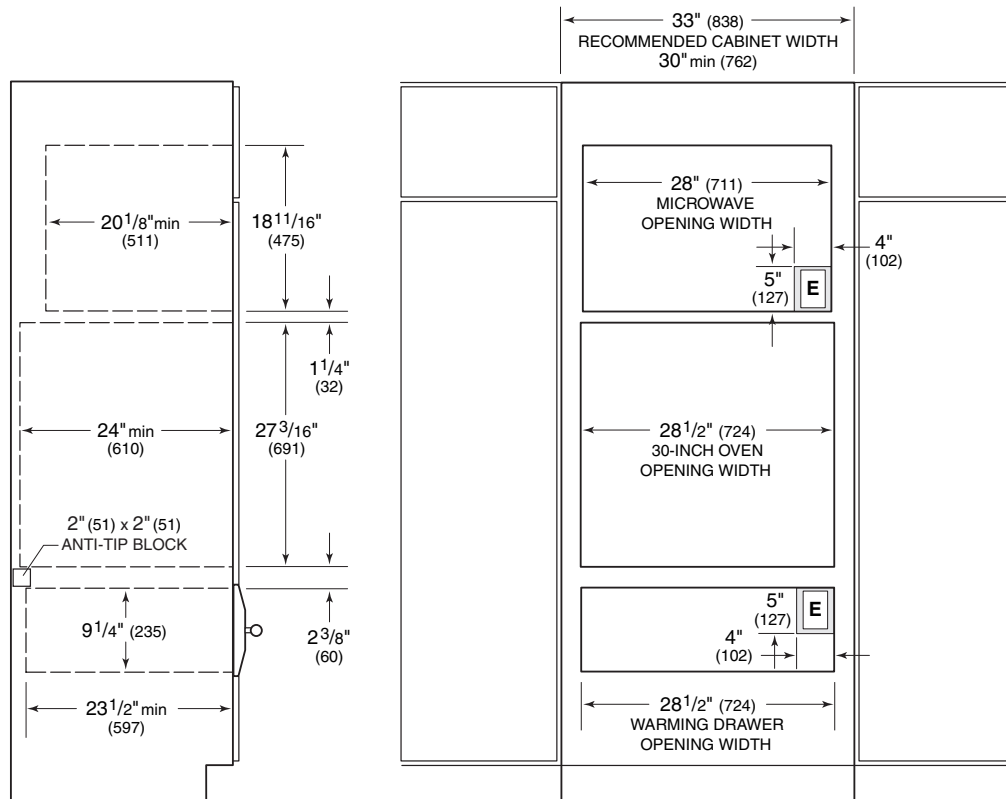
The Wolf 36" (914) single oven may be installed in combination with a Wolf convection microwave oven with 36" (914) trim kit and a warming drawer with integrated drawer front. Refer to the illustration on page 11, and pages 6–7 for installation specifications for the 36" (914) single oven.

**IMPORTANT NOTE:** A minimum 26" (660) deep cabinet is required for the warming drawer with integrated drawer front.

Keep in mind that the width of the custom panel for the warming drawer with integrated drawer front will vary according to the specific installation. The rough opening width will remain 29<sup>15</sup>/<sub>16</sub>" (760) whether installed in combination with a 30" (762) or 36" (914) single oven and microwave.

Refer to the installation instructions provided with the microwave trim kit and warming drawer front for detailed specifications. These instructions can also be found on the Wolf website, wolfappliance.com. Dimensions will vary according to the specific installation.

**INSTALLATION SPECIFICATIONS – MODELS SO30F AND SO30U**



NOTE: Refer to the built-in 30" (762) single oven specifications for electrical location.

NOTE: At installation, wood cleats must be added to the opening for the microwave trim.

**Installation shown above is with convection microwave with 30" (762) trim and warming drawer with stainless steel drawer front.**



INSTALLING THE OVEN

UNPACK THE OVEN

Cut the wire bands at the top and bottom of the shipping carton. Remove the carton top cover, front support and four corner posts. Remove the carton sleeve by lifting the sleeve up and over the appliance. Remove the plastic bag.

With the oven still on the shipping base, carefully move it close to the installation opening.

**CAUTION**  
Do not remove the shipping base until the oven has been positioned next to the installation opening.

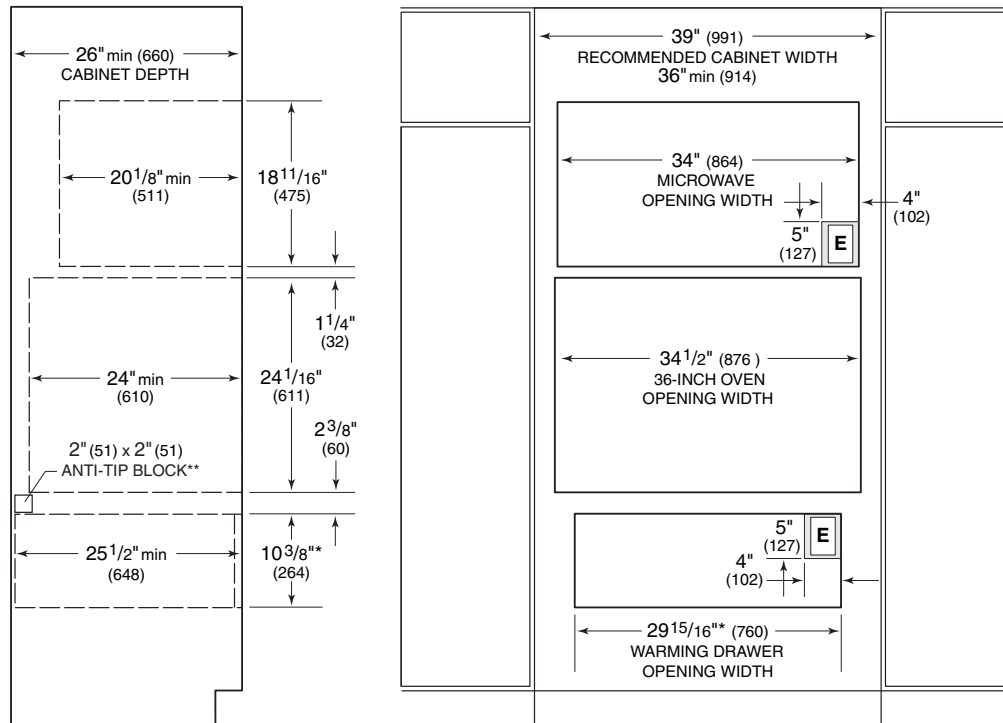
**IMPORTANT NOTE:** Before moving the oven, protect any finished flooring with appropriate materials to avoid damage to the floor.

Once in position, remove the wood screws and angle brackets connecting the oven to the shipping base. Replace the screws that retain the back panel to the oven.

Remove and discard all packing materials, including cardboard and tape on the outside of the oven and inside the oven cavity.

Remove all oven racks, oven rack guides and the broiler pan from inside the oven cavity. For the double oven, be sure to do this for both the upper and lower ovens.

INSTALLATION SPECIFICATIONS – MODEL SO36U



Dimensions in parentheses are in millimeters unless otherwise specified.

\*Dimension may vary by ± 1/8" (3).

\*\*Refer to installation instructions provided with the integrated drawer front (WDFRONT/I) for accurate placement of the anti-tip block.

NOTE: Refer to the built-in 36" (914) single oven specifications for electrical location.

NOTE: The width of the custom panel for the warming drawer with integrated drawer front will vary according to the specific installation, but the rough opening width will remain 29 15/16" (760).

NOTE: At installation, wood cleats must be added to the opening for the microwave trim.

Installation shown above is with convection microwave with 36" (914) trim and warming drawer with integrated drawer front.

## ELECTRICAL REQUIREMENTS

**⚠ WARNING**

Verify that power is disconnected from electrical box before proceeding.

- **Maximum connected load:** 5.1 kW for 30" (762) and 36" (914) single ovens; 8.9 kW for the double oven.
- **Required power supply:** 240V/208V/30A/60Hz for 30" (762) and 36" (914) single ovens; 240V/208V/50A/60Hz for the double oven.
- **Minimum supply wire size:** L1, L2 and ground – 10 AWG; neutral – 12 AWG
- **Total electric rating:** 5.1 kW at 240 V, 3.8 kW at 208 V for 30" (762) and 36" (914) single ovens with a minimum 30 amp service; 8.9 kW at 240 V, 6.7 kW at 208 V for the double oven with a minimum 50 amp service.
- **Total amps:** 21 amps for 30" (762) and 36" (914) single ovens; 37 amps for the double oven.

The built-in oven is provided with a conduit consisting of two insulated hot lead conductors (copper), one insulated neutral conductor (copper), and one uninsulated ground conductor (copper).

**For UL installations:** attach the conductors to the residence wiring in accordance with National Electrical Codes and all state, municipal and local codes.

**For CSA installations:** attach the conductors to the fuse box provided. Then connect the residence wiring to the fuse box in accordance with all national, provincial and local codes.

**⚠ WARNING**

The complete appliance must be properly grounded at all times when electrical power is applied.

**Grounding through the neutral conductor is prohibited for new branch-circuit installations (1996 NEC); mobile homes; and recreational vehicles, or in an area where local codes prohibit grounding through the neutral conductor.**

**If aluminum house supply wiring is utilized, splice the appliance copper wire to the aluminum house wiring using special connectors design and agency certified for joining copper and aluminum. Follow the connector manufacturer's recommended procedure carefully. NOTE: Improper connection can result in a fire hazard.**

With the oven positioned directly in front of the cabinet opening, feed the appliance cable through the opening in the cabinet platform (where applicable). Then, depending upon local codes, utilize one of the following techniques to connect the appliance to the electrical power supply.

IMPORTANT  
NOTE

You must follow all National Electrical Code regulations. In addition, be aware of local codes and ordinances when installing your service.



INSTALLING THE OVEN

FOUR-WIRE ELECTRICAL SYSTEM

To connect to a four-wire electrical system, follow these steps:

- Separate the ground and white appliance wires.
- Connect the white appliance wire to the neutral (white) supply wire in the electrical box.
- Connect the black appliance wire to the black (L1) power supply wire in the electrical box.
- Connect the red appliance wire to the red (L2) power supply wire in the electrical box.
- Connect the ground appliance wire to the green/ground house grounding wire in the electrical box.

THREE-WIRE ELECTRICAL SYSTEM

To connect to a three-wire electrical system, follow these steps: Connecting the ground appliance wire to the neutral (white) supply wire (where local codes permit).

- Connect the ground and white appliance wires to the neutral (white) supply wire in the electrical box.
- Connect the black appliance wire to the black (L1) power supply wire in the electrical box.
- Connect the red appliance wire to the red (L2) power supply wire in the electrical box.

POSITION THE OVEN

**⚠ CAUTION**

**The oven is very heavy—use caution when lifting. It is recommended that two people lift and position the oven into the opening. Wear gloves to protect hands from any sharp edges.**

Holding the oven by the upper edge and bottom side of the oven chassis, carefully lift the oven up to the cabinet opening.

Resting the oven on the cabinet base platform, slide the oven into the opening until it is approximately 6" (152) from full insertion. If applicable, ensure that the appliance cable slides through the opening in the cabinet platform as the oven is slid into place.

**IMPORTANT NOTE:** The appliance cable must be placed in the recessed area located along the right rear vertical edge of the oven. Make sure that the cable is not trapped between the oven and the inner cabinet wall.

**⚠ CAUTION**

**Do not block the oven air exhaust located at the bottom of the oven. Blocking the exhaust may cause cabinet damage and poor baking performance.**

## INSTALLING THE OVEN

## MOUNT OVEN TO CABINET

Once the oven is fully inserted into the cabinet opening, locate the mounting holes on the oven side trim. There will be four for a single oven and six for a double oven. Refer to the illustration below. Use a 1/16" drill bit to drill pilot holes into the cabinet. Use the provided wood screws to secure the oven to the cabinet through the oven mounting holes.

**▲ WARNING**

**Failure to install the mounting screws may cause the oven to move or tip forward during use. This may result in damage to the oven or personal injury.**

## VERIFY OVEN OPERATION

**IMPORTANT NOTE:** Prior to operating the oven, be sure to read the entire Wolf Built-In Ovens Use & Care Information included with the oven for important safety, service and warranty information.

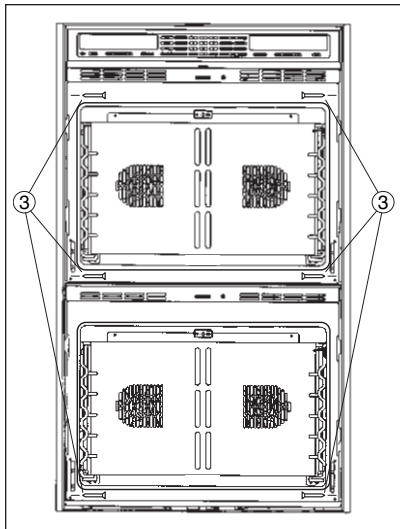
Unpack the box containing the oven components found in each oven cavity. Install the oven rack guides onto the shoulder screws located on the interior side walls of the oven. Slide the oven racks onto the support racks within the oven. There are three racks per oven. Place the broiler pan and grid on a rack within the oven, if desired.

Turn on the power supply to the oven. The oven control panel should be closed (no visible control pads). Rotate the control panel to the open position (controls visible) by pressing the button below the center of the panel.

Set the time of day by pressing the **CLOCK** touch pad, input the desired time by using the number pads, then touch **ENTER**.

Select any of the eight cooking modes on the control panel. Verify that the oven is coming up to temperature. For the double oven, be sure to verify operation of both ovens.

**IMPORTANT NOTE:** A small amount of smoke and odor may be noticed during the initial break-in period. Refer to the Use & Care Information for additional information.



**Location of mounting screws**



## TROUBLESHOOTING

**IMPORTANT NOTE:** If the built-in oven does not operate properly, follow these troubleshooting steps:

- Verify that power is being supplied to the oven.
- Check the electrical connections to ensure that the installation has been completed correctly.
- Follow troubleshooting procedures as described in the Wolf Built-In Ovens Use & Care Information.
- If the oven still does not work, contact a Wolf authorized service center. Do not attempt to repair the oven yourself. Wolf is not responsible for service required to correct a faulty installation.

## IF YOU NEED SERVICE

- If service is necessary, maintain the quality built into your built-in oven by calling a Wolf authorized service center.
- To obtain the name and number of a Wolf authorized service center, check the Locator section of our website, **wolfappliance.com** or call Wolf Customer Service at **800-332-9513**.
- When calling for service, you will need the built-in oven model and serial numbers. Both numbers are listed on the rating plate, located on the right side of the oven trim, directly above the door. Open the oven door to view the rating plate.

## CONTACT INFORMATION

**Wolf Customer Service:**  
**800-332-9513**  
**Website:**  
**wolfappliance.com**

## WIRING DIAGRAM

The wiring diagram covering the control circuit is located on the top of the oven in a sealed plastic bag.

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