

# INSTALLATION GUIDE

Sealed Burner Rangetops



## Contents

Wolf Sealed Burner Rangetops .....	3
Safety Instructions .....	4
Sealed Burner Rangetop Specifications .....	5
Sealed Burner Rangetop Installation .....	13
Service Information .....	15

Features and specifications are subject to change at any time without notice. Visit [wolfappliance.com/specs](http://wolfappliance.com/specs) for the most up-to-date information.

**IMPORTANT NOTE:** Throughout this guide, dimensions in parentheses are millimeters unless otherwise specified.

## Important Note

To ensure the safe and efficient use of Wolf equipment, please take note of the following types of highlighted information throughout this guide:

**IMPORTANT NOTE** highlights information that is especially important.

**CAUTION** signals a situation where minor injury or product damage may occur if instructions are not followed.

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



### Sealed Burner Rangetop Installation

**IMPORTANT NOTE:** This installation must be completed by a qualified installer, service agency or gas supplier.

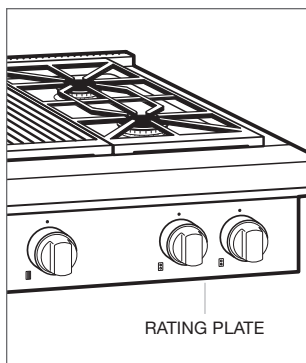
Read this entire installation guide prior to installation and save for the local inspector's reference. The homeowner should keep this installation guide for future reference.

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.

Wolf sealed burner rangetops are manufactured for use with natural gas or LP gas. Check the product rating plate for the type of gas for your specific model. If this appliance does not correspond to your type of gas, contact your authorized Wolf dealer.

Record the model and serial numbers before installing the sealed burner rangetop. Both numbers are listed on the product rating plate, located on the bottom of the control panel assembly, at the far right. Refer to the illustration below.

Wolf Sealed Burner Rangetop
Model Number
Serial Number



Location of rating plate.

## IMPORTANT INSTRUCTIONS

### ⚠ WARNING

If the information in this guide is not followed exactly, a fire or explosion may result, causing property damage, personal injury or death.

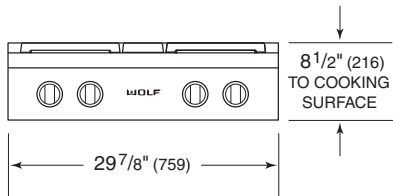
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.
- Warranty service must be performed by Wolf factory certified service.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- All openings in the wall where the rangetop is to be installed must be sealed.
- A ventilation hood is recommended for use with the Wolf sealed burner rangetop.
- In Massachusetts: Installations and repairs must be performed by a qualified or licensed contractor, plumber or gasfitter qualified or licensed by the state, province or region where this appliance is being installed. Only use gas shut-off valves approved for use within the state, province, or region where this appliance is being installed. A flexible gas connector, when used, must not exceed 3' (.9 m).

### WHAT TO DO IF YOU SMELL GAS:

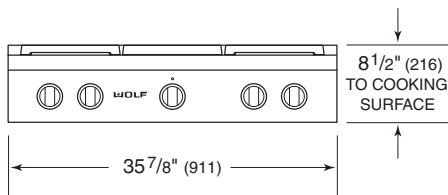
- Do not try to light any appliance.
- Do not touch any electrical switch.
- Do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

Sealed Burner Rangetop Dimensions

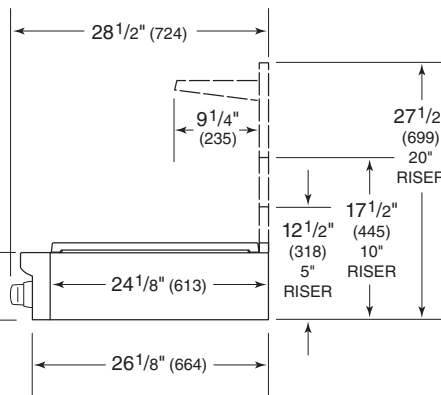
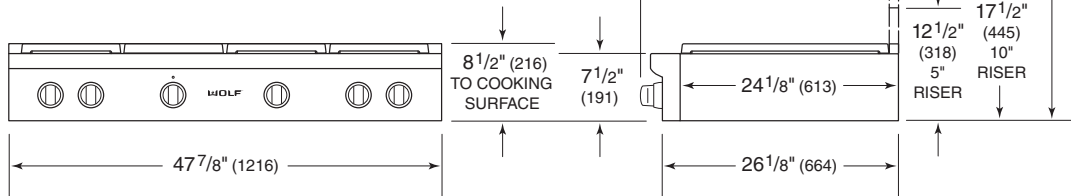
30" (762) RANGETOP



36" (914) RANGETOP



48" (1219) RANGETOP



SIDE VIEW—ALL RANGETOPS

## Installation Requirements

### ⚠ WARNING

Failure to locate the rangetop without the proper clearances will result in a fire hazard.

**IMPORTANT NOTE:** Caution must be used in planning the proper installation of the Wolf sealed burner rangetop to avoid fires or damage to adjacent cabinetry or kitchen equipment. Follow all minimum clearances to combustible surfaces shown in the installation illustration for your specific model on the following pages.

**IMPORTANT NOTE:** When installing against a combustible surface, a minimum 5" (127) riser is required for model SRT366, and a minimum 10" (254) riser is required for 36" (914) and 48" (1219) sealed burner rangetops with a charbroiler or griddle.

Risers and other accessories are available through your authorized Wolf dealer. For local dealer information, visit the find a showroom section of our website, [wolfappliance.com](http://wolfappliance.com).

### VENTILATION

The sealed burner rangetop must have an adequate supply of fresh air to assure proper combustion and ventilation. The location of the rangetop should be away from strong draft areas, such as windows, doors and strong heating vents or fans. Do not obstruct the flow of air.

Due to the high volume of ventilation air required, a source of outside replacement air is recommended. This is especially important for tightly sealed and insulated homes. A qualified HVAC contractor should be consulted.

It is recommended that you use a Wolf pro ventilation hood or hood liner with the sealed burner rangetop. If the rangetop is to be installed without ventilation, a 36" (914) minimum clearance, 44" (1118) for charbroiler, from countertop to combustible materials above the rangetop is required. Refer to the installation illustrations on pages 10–12.

A downdraft ventilation system can be used with models SRT304 and SRT366. An accessory trim kit is necessary for this installation. Contact your authorized Wolf dealer for details.

## Electrical Requirements

### ⚠ WARNING

**ELECTRICAL SHOCK HAZARD:** Plug into a grounded 3-prong outlet. Do not remove ground prong. Do not use an adapter. Failure to follow these instructions can result in electric shock, fire or death.

The Wolf sealed burner rangetop requires a 110/120 V AC, 50/60 Hz electrical supply to operate the electronic ignition system. The service should have its own 15 amp circuit breaker. A ground fault circuit interrupter (GFCI) is not recommended and may cause interruption of operation.

The 6' (1.8 m) power cord is equipped with a 3-prong, grounding plug for protection against shock hazard. The power cord must be plugged into a mating 3-prong grounded outlet, grounded to conform with the National Electrical Code, ANSI/NFPA 70 latest edition, or Canadian Electrical Code (CSA) and all local codes and ordinances. Refer to the illustration below.

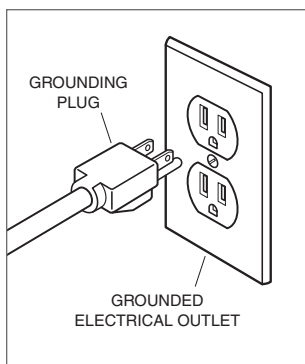
**IMPORTANT NOTE:** This appliance must be properly grounded to avoid electrical shock hazard. Do not ground to a gas pipe.

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

**IMPORTANT NOTE:** Reverse polarity will cause nuisance clicking when power is turned on to the unit.

### WIRING DIAGRAM

The wiring diagram covering the electrical circuit is located on the inside left wall of the rangetop.



Electrical ground.

## Gas Supply Requirements

### ⚠ WARNING

**EXPLOSION HAZARD:** Use a certified gas supply line and install a gas shut-off valve. Securely tighten all gas connections. Failure to follow these instructions can result in explosion, fire or death.

**IMPORTANT NOTE:** The sealed burner rangetop must be connected to a regulated gas supply.

**IMPORTANT NOTE:** This installation must conform with local codes and ordinances. In the absence of local codes, installations must conform with the American National Standard, National Fuel Gas Code.

The sealed burner rangetop is equipped for use with natural or liquid propane (LP) gas. It is design certified by the Canadian Standards Association (CSA) for natural or LP gases. The product rating plate, located on the bottom of the control panel assembly, at the far right, has information on the type of gas that should be used. Refer to the illustration below. If this information does not agree with the type of gas available, check with the local gas supplier.

### GAS SUPPLY LINE

A gas supply line of  $\frac{3}{4}$ " (19) rigid pipe must be provided to the rangetop. If local codes permit, a certified, 3' (.9 m) long,  $\frac{1}{2}$ " (13) or  $\frac{3}{4}$ " (19) ID flexible metal connector is recommended to connect the rangetop to the gas supply line. For LP gas, piping or tubing size can be  $\frac{1}{2}$ " (13) minimum. LP gas suppliers usually determine the size and materials used on the system. The pipe coming out the back of the rangetop has  $\frac{1}{2}$ " (13) female threads. Pipe joint compounds, suitable for use with natural or LP gas should be used.

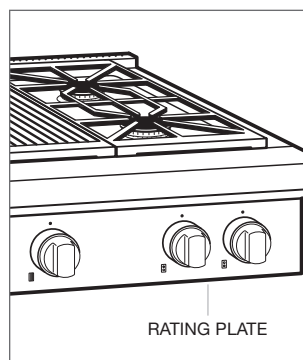
Locate the gas supply within the shaded area shown in the illustration for your specific model on the following pages.

**IMPORTANT NOTE:** The supply line must be equipped with an approved external gas shut-off valve located near the rangetop in an accessible location. Do not block access to the shut-off valve. Refer to the illustration below.

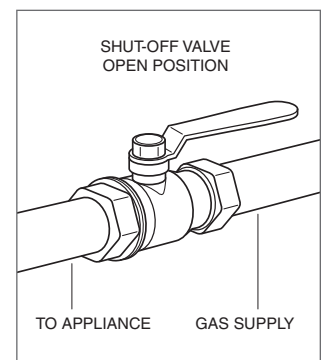
Wolf natural gas rangetops will function up to an altitude of 10,250' (3124 m) without any adjustment. LP gas rangetops will function up to 8,600' (2621 m) without adjustment. If the installation exceeds these elevations, contact your authorized Wolf dealer for a high altitude conversion kit.

### ⚠ CAUTION

Before connecting the gas supply, make sure all valves are in a closed position. Do not connect the gas supply to an appliance that shows any sign of damage.



Location of rating plate.



Gas shut-off valve.



## Gas Supply Requirements

### GAS MANIFOLD PRESSURE

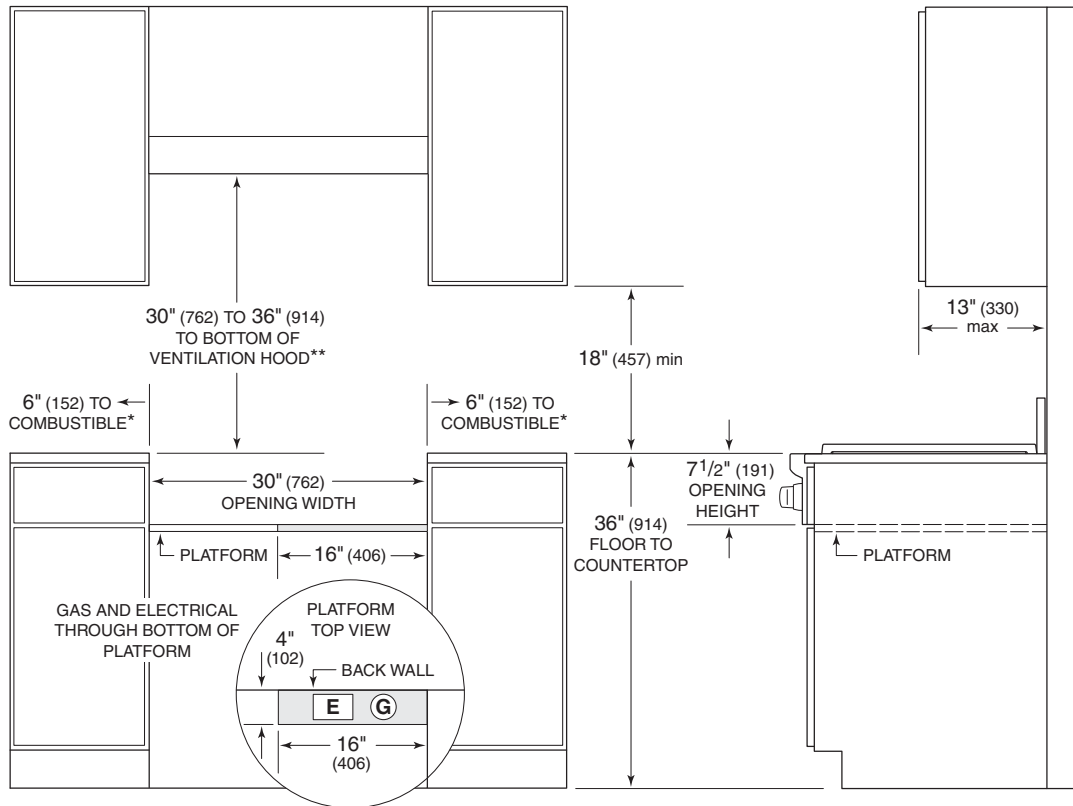
- **Natural Gas:** Standard orifices are set for 5" (12.5 mb) WC (water column). A natural gas pressure regulator is installed.
- **LP Gas:** Standard orifices are set for 10" (25 mb) WC. An LP gas pressure regulator is installed.
- **Gas Supply Pressure:** The maximum gas supply pressure to the regulator should never exceed 14" (34.9 mb) WC; .5 psi (3.5 kPa) for natural and LP gas. The minimum line pressure is 7" (17.5 mb) WC for natural gas and 11" (27.4 mb) WC for LP gas.
- **Gas Pressure Regulator:** To control and maintain a uniform gas pressure in the gas manifold, the unit must be used with a gas pressure regulator. The burner orifices, etc. are sized for the gas pressure delivered by the supplied regulator. Do not remove the regulator.

### ⚠ CAUTION

The maximum gas supply pressure to the regulator should never exceed 14" (34.9 mb) WC; .5 psi (3.5 kPa).

30" (762) Sealed Burner Rangetop

INSTALLATION



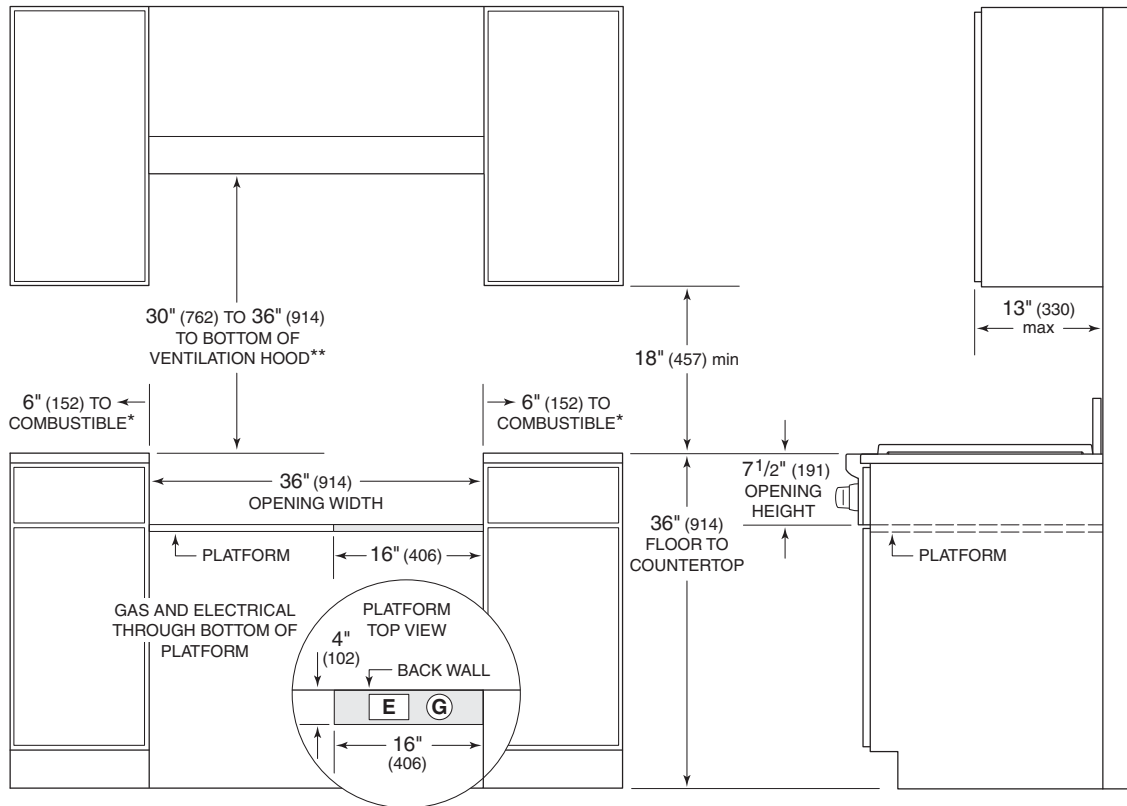
\*Minimum clearance from rough opening to combustibles up to 18" (457) above countertop.

\*\*36" (914) minimum clearance from countertop to combustibles without ventilation hood.

NOTE: For island installations, 12" (305) minimum clearance from back of rangetop to combustibles rear wall above countertop.

36" (914) Sealed Burner Rangetop

INSTALLATION



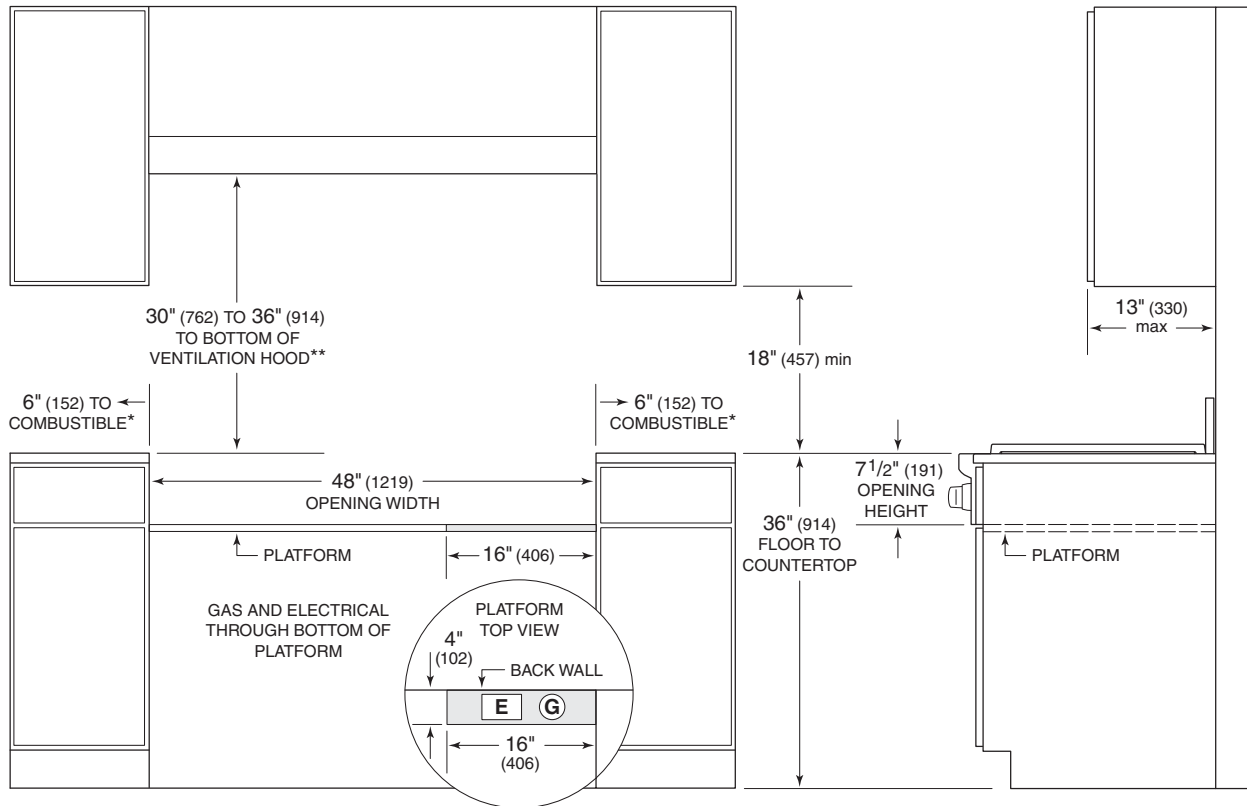
\*Minimum clearance from rough opening to combustible materials up to 18" (457) above countertop.

\*\*36" (914) minimum clearance, 44" (1118) for charbroiler, from countertop to combustible materials without ventilation hood.

NOTE: For island installations, 12" (305) minimum clearance from back of rangetop to combustible rear wall above countertop.

48" (1219) Sealed Burner Rangetop

INSTALLATION



\*Minimum clearance from rough opening to combustible materials up to 18" (457) above countertop.

\*\*36" (914) minimum clearance, 44" (1118) for charbroiler, from countertop to combustible materials without ventilation hood.

NOTE: For island installations, 12" (305) minimum clearance from back of rangetop to combustible rear wall above countertop.

## Install the Rangetop

Prepare the finished opening for the rangetop according to dimensions shown in the illustration for your specific model on the previous pages. The platform must be  $\frac{3}{4}$ " (19) thick and include a cut-out at the right rear for electrical and gas supply connections.

**IMPORTANT NOTE:** The platform must be level to ensure that the cooking surface is level.

Remove and discard all packing materials from the rangetop.

If your installation requires a riser, it must be attached to the rangetop before installation. Refer to the installation instructions packaged with the riser.

Position the rangetop on the platform. Electrical and gas supply connections should be made before the rangetop is placed in its final position.

## Gas Supply Connection

### ⚠ CAUTION

Before connecting the gas supply, make sure all valves are in a closed position.

**IMPORTANT NOTE:** All connections to the gas piping must be wrench-tightened. Do not make connections too tight, this may crack the regulator and cause a gas leak. Do not allow the pipes to turn when tightening fittings.

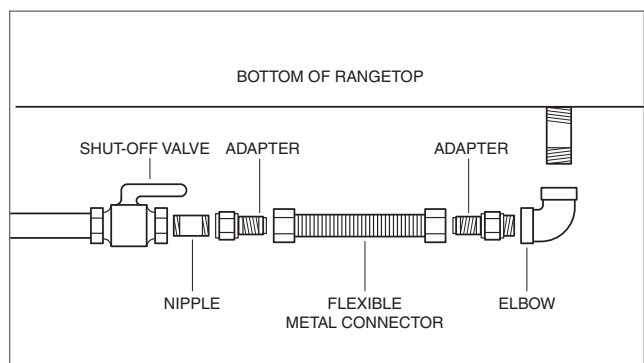
Assemble the flexible metal connector from the gas supply pipe to the gas pressure regulator. Determine the fittings required depending on the size of your gas supply line, flexible metal connector and shut-off valve. Refer to the illustration below. If a flexible metal connector is used, be sure the tubing is not kinked. Open the shut-off valve in the gas supply line. Wait a few minutes for the gas to move through the line.

### GAS LEAK TESTING

Brush a liquid detergent solution onto all gas connections to test for leaks. Bubbles around connections will indicate a gas leak. If a leak appears, close the gas shut-off valve and adjust connections. Check for leaks again. Clean off the detergent solution.

### ⚠ WARNING

Never test for a gas leak with a match or other flame.



Gas supply line connection.

## Verify Rangetop Operation

**IMPORTANT NOTE:** Prior to operating the rangetop, be sure to read the entire Wolf sealed burner rangetops use & care guide included with the rangetop for important safety, service and warranty information.

### SURFACE BURNERS

Turn on the power supply to the rangetop. Place the burner cap on each burner base and position the burner grates before lighting.

Surface burners of the sealed burner rangetop use electronic igniters. When the control knob is pushed in and turned to the HIGH position, the system creates a spark to light the burner. This sparking continues until the electronic ignition senses a flame.

To check operation of the surface burners, push in and turn each control knob to the HIGH position. The flame should light within four seconds.

If the burners do not light properly, turn control knobs to the OFF position. Check that burner caps are in the proper position. Make sure electricity is being supplied to the rangetop and that the gas shut-off valve is in the open position. Check operation again. If the burners still do not light properly, contact Wolf factory certified service.

**IMPORTANT NOTE:** Initial lighting of the surface burners may take slightly longer, as air in the system must be purged before gas can be supplied to the burner.

## Rangetop Removal

### ▲ WARNING

Unplug the rangetop and disconnect the gas supply line before removing.

If removal of the sealed burner rangetop is necessary for cleaning or service, shut off the gas supply. Unplug the rangetop and disconnect the gas supply line. Remove the rangetop. Reinstall in the reverse order and be sure to check gas connections for leaks.

Refer to the Wolf sealed burner rangetops use & care guide for cleaning recommendations.

## Troubleshooting

**IMPORTANT NOTE:** If the sealed burner rangetop does not operate properly, follow these troubleshooting steps:

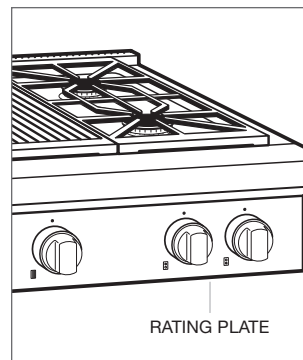
- Verify that electrical power is being supplied to the rangetop.
- If nuisance clicking occurs when power is supplied to the rangetop, check the electrical outlet for reverse polarity.
- Check the gas supply connections to ensure that the installation has been completed correctly.
- Check that the gas supply shut-off valve is in the open position.
- Follow troubleshooting procedures outlined in the Wolf sealed burner rangetops use & care guide.
- If the rangetop still does not operate properly, contact Wolf factory certified service. Do not attempt to repair the rangetop yourself. Wolf is not responsible for service required to correct a faulty installation.

## Service Information

If service is necessary, maintain the quality built into your sealed burner rangetop by contacting Wolf factory certified service.

For the name and number of Wolf factory certified service nearest you, check the contact & support section of our website, [wolfappliance.com](http://wolfappliance.com) or call Wolf customer service at 800-222-7820.

When calling for service, you will need the model and serial numbers of the sealed burner rangetop. Both numbers are listed on the product rating plate, located on the bottom of the control panel assembly, at the far right. Refer to the illustration below.



Location of rating plate.



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