

INSTALLATION GUIDE

Outdoor Gas Grills

WOLF[®]

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Features and specifications are subject to change at any time without notice. Visit our website, subzero-wolf.com.au 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.

CONTACT INFORMATION

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Outdoor Grill Installation

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.

The installation of this appliance must conform with local codes or, in the absence of local codes, either the National Fuel Gas Code, ANZI Z223.1/NFPA 54, or CAN/CGA-B149.1, Natural Gas Installation Code or CAN/CGA-B149.2, Propane Installation Code.

The utilization of an external electrical source requires that when installed, this outdoor cooking gas appliance must be electrically grounded in accordance with the local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1. Keep any electrical supply cord, or the rotisserie motor cord and the gas supply hose away from any heated surfaces.

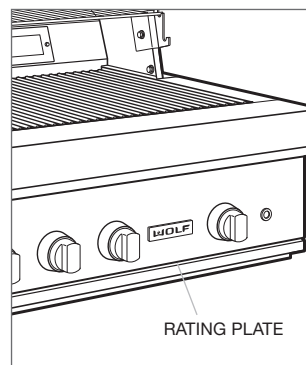
This appliance must be installed in accordance with National Electrical Codes, as well as all state, municipal and local codes. The correct voltage, frequency and amperage must be supplied to the appliance from a dedicated, grounded circuit which is protected by a properly sized circuit breaker or time delay fuse. The proper voltage, frequency and amperage ratings are listed on the product rating plate.

For Australian installation requirements including pipe sizing details refer to AS 5601

Models certificate for Australia are:
 OG30, OG36, OG42 (Natural Gas)
 OG30-LP, OG36-LP, OG42-LP (Propane LPG)

Record the model and serial numbers before installing the outdoor product. Both numbers are listed on the product rating plate. For the outdoor grill, the rating plate is located above the drip tray, behind the logo. The drip tray must be removed to view the rating plate. For the burner module and side burner, the rating plate is located under the bullnose on the right side. Refer to the illustrations below.

Wolf Outdoor Product
Model Number
Serial Number



Outdoor grill.

IMPORTANT INSTRUCTIONS

- 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 liquids or vapors in the vicinity of this or any other appliance. An LP gas cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.
- In Massachusetts: All gas products must be installed using a “Massachusetts” licensed plumber or gasfitter. A “T” handle type manual gas valve must be installed in the gas supply line to this appliance. This applies to permanently installed natural gas and propane installations. This does not apply to propane portable installations using a 20-lb tank.

BEFORE LIGHTING:

- Read instructions before lighting.
- Open hood or remove cover before lighting.
- If ignition does not occur in 5 seconds, turn the control knob off, wait 5 minutes and repeat the lighting procedure.

WHAT TO DO IF YOU SMELL GAS:

- Shut off gas supply to the appliance.
- Extinguish any open flame.
- Open hood or remove cover.
- If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.

Locating the Grill

IMPORTANT NOTE: This gas appliance is designed and certified for outdoor use only. Do not operate the outdoor product inside a building, garage, recreation vehicle or any enclosed area.

When choosing an area for the grill, whether a portable or built-in application, consider exposure to wind, proximity to traffic paths and length of gas supply line. Keep the gas supply line as short as possible to reduce pressure drop. Keep the outdoor product away from windy areas but in a well ventilated area. Do not obstruct the flow of combustion and ventilation air around the outdoor product. Installation must be level and flat. The supporting countertop structure should also be level and flat.

⚠ WARNING

Do not locate outdoor product under overhead combustible surfaces.

Built-In Applications

Wolf outdoor grills and the burner module are designed for easy placement into a built-in enclosure. For outdoor grills, installation in a combustible enclosure requires an insulating liner. For the burner module, an insulating liner is not required. The enclosure should be built according to specifications for your specific installation found on the following pages. If the burner module is installed next to an outdoor grill, a minimum of 12" (305) is required between units on the rotisserie motor side and 2" (51) on the opposite side. A rotisserie side conversion kit is available from your authorised Wolf dealer. For local dealer information, visit the find a showroom section of our website, subzero-wolf.com.au

All outdoor grills in a built-in application require a countertop structure to support the grill. The countertop structure should be level and flat and able to support 350 lbs (159 kg).

It is recommended that ventilation holes be provided in the enclosure so that gas will not become entrapped in the event of a leak.

MINIMUM CLEARANCES

A minimum clearance of 12" (305) from the sides and 12" (305) from the back of the grill to adjacent vertical combustible construction must be maintained.

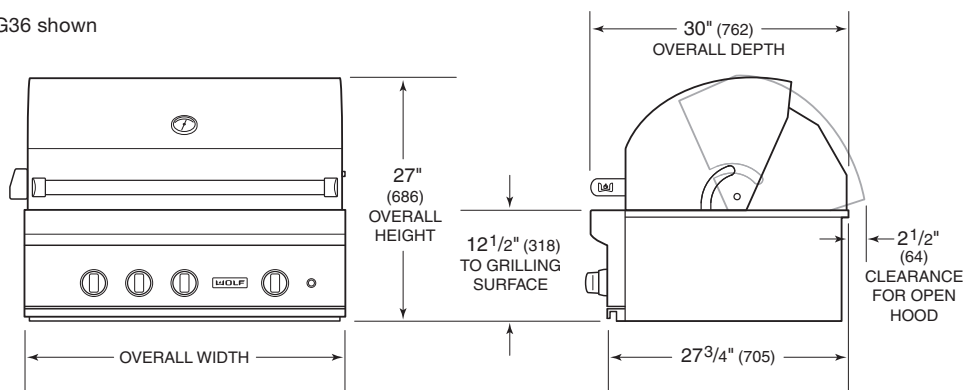
A minimum clearance of 2¹/₂" (64) from the back of the grill above cooking surface to non-combustible construction is required.

A minimum of 6" (152) clearance to the sides of the grill above cooking surface to non-combustible construction is recommended to provide space for the rotisserie motor and the spit rod. The grill can be installed directly next to non-combustible construction below the cooking surface.

Overall Dimensions

OUTDOOR GRILL

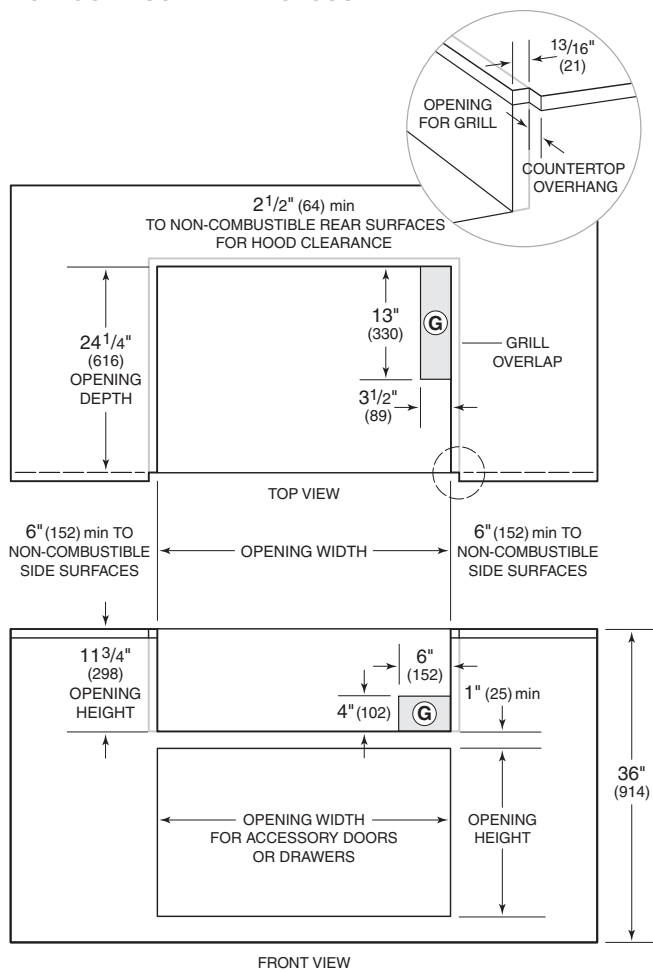
Model OG36 shown



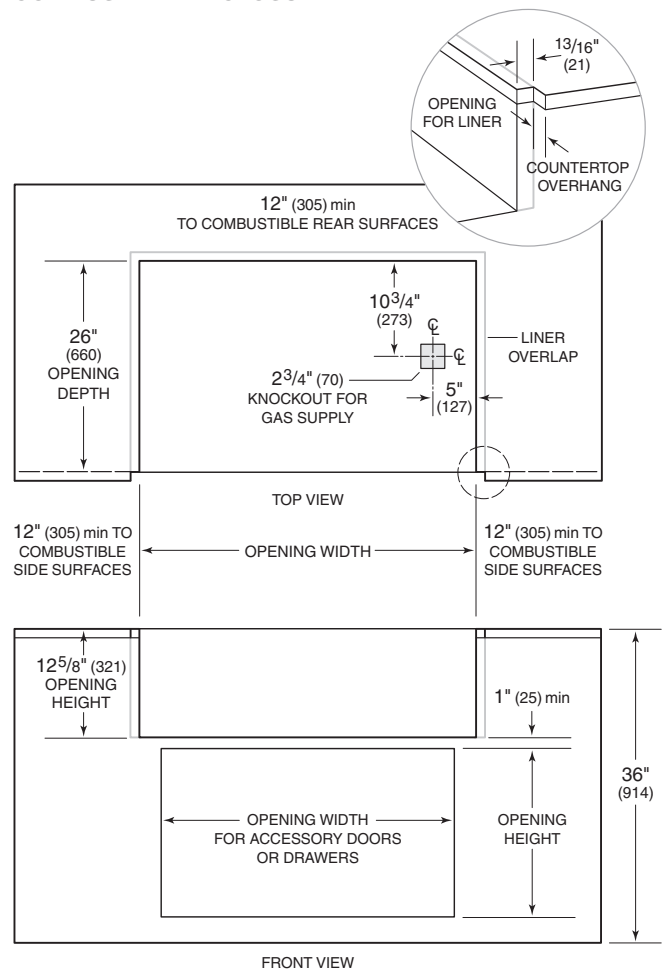
Outdoor Grill	
OVERALL WIDTH	W
Model OG30	30" (762)
Model OG36	36" (914)
Model OG42	42" (1067) □

Outdoor Grill Built-In Installation

NON-COMBUSTIBLE ENCLOSURE



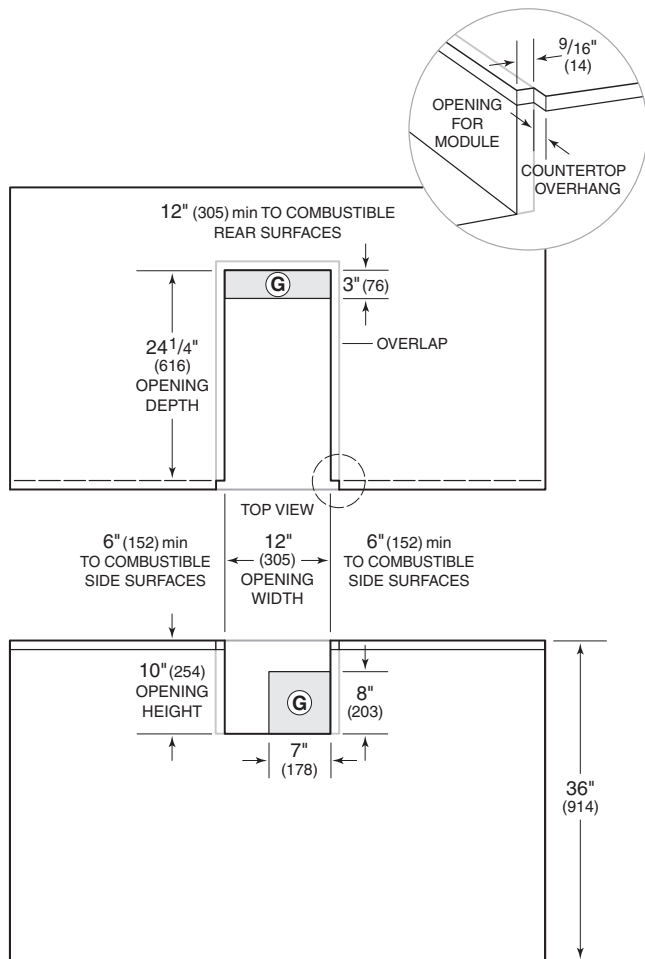
COMBUSTIBLE ENCLOSURE WITH LINER



Opening Width	
NON-COMBUSTIBLE ENCLOSURE W	
Model OG30	28 1/2" (724)
Model OG36	34 1/2" (876)
Model OG42	40 1/2" (1029)
COMBUSTIBLE ENCLOSURE W	
Model OG30	33 1/2" (851)
Model OG36	39 1/2" (1003)
Model OG42	45 1/2" (1156)

Built-In Installation (Burner Module)

NON-COMBUSTIBLE OR COMBUSTIBLE ENCLOSURE



Electrical Requirements

INSTALL THE POWER TRANSFORMER

Wolf outdoor grills and the burner module have a power transformer for the lights and igniters which is concealed in a stainless steel box with an attached power supply cord.

BUILT-IN APPLICATION: Secure the transformer box in a dry location, away from the grill firebox and excessive heat area, but within 2' (.6 m) of the right rear grill opening.

IMPORTANT NOTE: Do not install the transformer box inside the insulating liner. The transformer box must be secured away from excessive heat and in a dry location.

Make the transformer connections to the wire harness located at the right rear of the grill to the harness of the transformer box.

Plug the power cord from the transformer into a properly grounded approved electrical outlet. The outlet must be located within 6' (1.8 m) of the transformer.

ROTISSERIE MOTOR

The rotisserie motor requires an approved electrical supply. The 9' (2.7 m) power cord on the motor is equipped with a 3-prong grounded plug for protection against shock hazard.

IMPORTANT NOTE: The burner module must be installed at least 12" (305) from the rotisserie motor.

⚠ WARNING

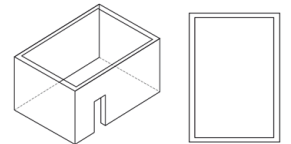
ELECTRICAL GROUNDING: The outdoor gas grill is equipped with a 3-prong grounding plug for protection against shock hazard. It should be plugged directly into a properly grounded 3-prong outlet. Do not cut or remove the grounding prong from the plug.

DO NOT use an extension cord or two-prong adapter.

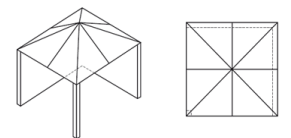
OUTDOOR USE ONLY

This appliance shall only be used in an above ground open air situation with natural ventilation, without stagnant areas, where gas leakage and products of combustion are rapidly dispersed by wind and natural convection. Any enclosure in which the appliance is used shall comply with one of the following:

An enclosure with walls on all sides, but at least one permanent opening at ground level and with no overhead cover.

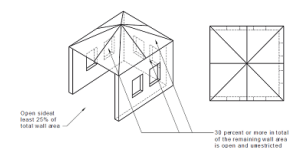
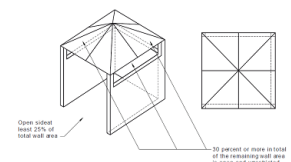
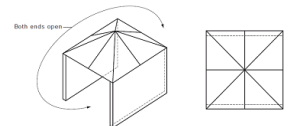


Within a partial enclosure that includes an overhead cover and no more than two walls.



Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply:

- (1) At least 25% of the total wall area is completely open
- (2) 30% or more in total of the remaining wall side, back and front wall areas is open and unrestricted
- (3) In the case of balconies, 20% or more of the total wall area shall remain open and unrestricted.



Gas Supply Requirements

IMPORTANT NOTE: The outdoor product must be connected to a regulated gas supply by a qualified technician and in accordance with local codes and ordinances.

Each appliance is set and tested at the factory for the type of gas supply to be used. Identify the type of gas, either natural gas or LP gas, and make sure that the type of gas specified on the product rating plate matches the gas being supplied to the outdoor product. Refer to page 3 for location of the rating plate.

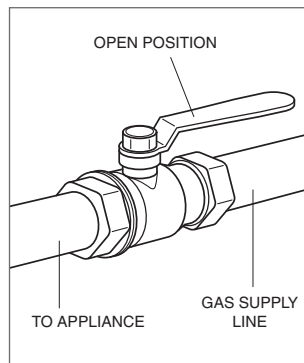
GAS SUPPLY LINE

Connect the outdoor product to the gas supply line. The gas supply line must be of adequate size to properly service all gas appliances. Wolf recommends the use of a minimum 1/2" (13) ID commercial type flex hose from the gas supply line to the units 1/2" NPT female inlet. The units will operate on 1/2" (13) pipe to a maximum run of 30' (9 m). All plumbing to the flex hose must be 3/4" (19) minimum ID pipe.

Gas Supply Pressure	
NATURAL GAS	
Gas Supply Pressure	5" (12.5 mb) WC
Min Line Pressure	7" (17.5 mb) WC
Max Pressure to Regulator	14" (34.9 mb) WC, .5 psi (3.5 kPa)
LP GAS	
Gas Supply Pressure	10" (25 mb) WC
Min Line Pressure	11" (27.4 mb) WC
Max Pressure to Regulator	14" (34.9 mb) WC, .5 psi (3.5 kPa)

IMPORTANT NOTE: For complete gas shutdown, an external gas shut-off valve must be located near the outdoor product in an accessible location. Refer to the illustration below.

⚠ WARNING
 Ensure that the gas supply line does not come in contact with any hot surface of the outdoor product.



Gas supply shut-off valve.

Natural Gas Installations

The natural gas pressure regulator provided with natural gas outdoor products is set for 4" (10 mb) WC (water column) and is for use with natural gas only.

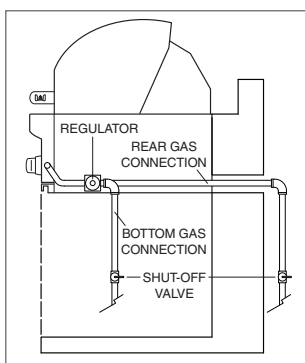
NATURAL GAS SAFETY REQUIREMENT

This gas appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures greater than .5 psi (3.5 kPa).

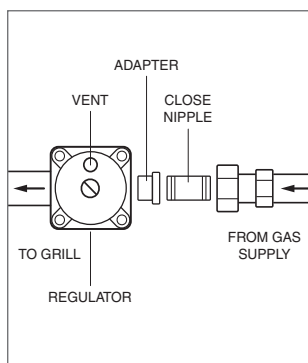
This gas appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than .5 psi (3.5 kPa).

NATURAL GAS CONNECTION

A typical natural gas installation is shown in the illustrations below. Make sure that the gas pressure regulator(s) supplied with the outdoor product is used and installed with the arrow on the regulator pointing towards the unit. Do not use a replacement regulator other than that specified by Wolf. Use only gas piping that is approved for use with natural and LP gases.



Natural gas connection.



Natural gas regulator.

LP Gas Installations

LP (liquefied petroleum) gas is sometimes called propane, butane or bottled gas. It is a flammable gas which becomes liquid when stored under high pressure inside a cylinder and it vaporizes when released.

LP GAS SAFETY REQUIREMENT

The LP gas cylinder must be provided with an approved overfilling preventive device (OPD).

Any LP gas cylinder used with this appliance must be constructed and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation (D.O.T.) or the National Standards of Canada CAN/CSA-B339, Cylinders, Spheres and Tubes for the Transportation of Dangerous Goods and Commission, as applicable. Provided with a listed overfilling prevention device and a cylinder connection device compatible with the connection for outdoor cooking appliances.

The LP gas cylinder must be provided with a shut-off valve terminating in the cylinder valve outlet. It must include a collar to protect the cylinder valve. The cylinder supply system must be arranged for vapor withdrawal. Do not use a cylinder that is dented, rusted or has a damaged valve.

IMPORTANT NOTE: Do not operate the outdoor product indoors or in any enclosed area. When not in use, the gas must be turned off at the LP gas cylinder. If the outdoor product is to be stored indoors, disconnect the cylinder and leave it outdoors.

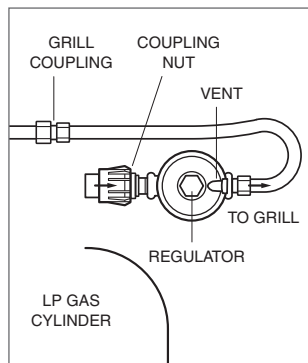
LP Gas Installations

PORTABLE LP CONNECTION WITH TANK

- 1) Connect the 3/8" flare end of the hose to the unit coupling. Do not apply pipe sealant to the flare connection.
- 2) Install the LP gas cylinder, pull out the shelf and place the cylinder on it.
- 3) Check to ensure that the gas valve on top of the cylinder is closed.
- 4) Connect the LP gas regulator to the cylinder and hand-tighten only. Open the cylinder valve. Check for gas leaks as described on the following page.
- 5) Tighten the LP tank retention screw to secure the cylinder to the shelf.

⚠ WARNING
 Always check for gas leaks after changing the LP gas cylinder. Do not place more than one LP gas cylinder in an enclosure at one time.

⚠ WARNING
 The LP pressure regulator and hose supplied with the outdoor product must be used without alteration.



LP gas cylinder connection.

WHOLE HOUSE LP GAS CONNECTION

The LP gas pressure regulator is not provided. It can be purchased from your authorized Wolf dealer. For local dealer information, visit the find a showroom section of our website, wolfappliance.com.

The LP regulator is set for 11" (27 mb) WC (water column) and is for use with LP only.

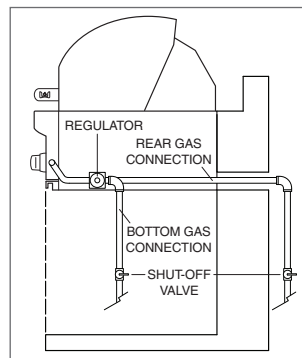
LP GAS SAFETY REQUIREMENT

This gas appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures greater than .5 psi (3.5 kPa).

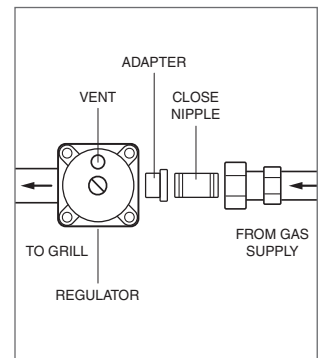
This gas appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during pressure testing of the gas supply piping system at test pressures equal to or less than .5 psi (3.5 kPa).

LP GAS CONNECTION

A typical LP gas installation is shown in the illustrations below. Make sure that the gas pressure regulator(s) supplied with the outdoor product is used and installed with the arrow on the regulator pointing towards the unit. Do not use a replacement regulator other than that specified by Wolf. Use only gas piping that is approved for use with natural and LP gases.



LP gas connection.



LP gas regulator.

Gas Leak Testing

IMPORTANT NOTE: Never use the outdoor product without first testing the gas line connections for gas leaks.

Perform a gas leak test each time the LP gas cylinder is connected to the regulator and any time part of the gas system is disconnected or replaced. This applies to natural gas as well as LP gas. Perform a leak test at least once each year whether the LP gas cylinder has been disconnected or not.

IMPORTANT NOTE: To prevent fire or explosion hazard, do not smoke or permit sources of ignition in the area while performing a leak test. Perform the gas leak test outdoors in a well ventilated area.

Have a dealer check the LP gas cylinder for deterioration when the tank is filled in accordance with regulations. Immediately replace the cylinder if any deterioration is found.

⚠ WARNING

DO NOT use an open flame to check for gas leaks. Use of an open flame could result in a fire, explosion and bodily harm.

GAS LEAK TESTING PROCEDURE

- 1) Prepare a leak testing solution of soapy water by combining a mixture of half liquid soap and half water in a spray bottle.
- 2) Verify that all control knobs are in the OFF position.
- 3) Turn the cylinder valve knob counterclockwise one turn to open.
- 4) Apply the leak testing solution by spraying on the pipe joints, fittings and hose. Bubbles in the soap and water solution indicate that a gas leak is present.
- 5) Stop the leak by tightening the loose joint or by replacing the faulty part with a replacement part recommended by the Wolf. Do not attempt to repair the cylinder valve if it should become damaged. The cylinder must be replaced.
- 6) If you are unable to stop the leak, shut off the gas supply at the cylinder valve. Remove the LP gas cylinder. Call Wolf factory certified service. Do not use the outdoor product until the leak has been fixed.
- 7) Push in and turn any control knob to the ON position to release pressure in the hose and manifold.
- 8) Turn the control knob to the OFF position.

Outdoor Grill Assembly

Wolf outdoor products are produced fully assembled and tested in the factory and require no major assembly in the field. For the purpose of safe shipping and transit, some parts such as the briquette trays, warming rack and rotisserie components are wrapped inside the grill and require minor assembly.

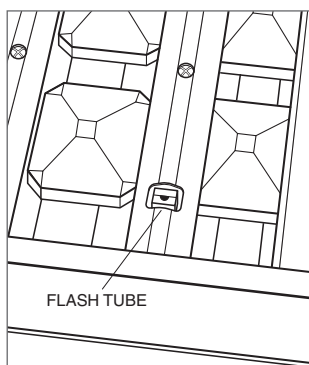
Remove all packaging materials, labels and protective plastic film from the grill.

IMPORTANT NOTE: Do not leave the grill or grill cart in the sun with the protective plastic film on for an extended period or it may be difficult to remove.

Verify that all grill components are included: control knobs, burner grates, large and small briquette tray assemblies, rotisserie motor with bracket, spit rod and meat forks, natural gas or LP gas regulator, basting pan, warming rack and smoker box assembly.

TO INSTALL BRIQUETTE TRAYS

- 1) Place the briquette trays into the grill above the burners with the flash tube at the front as shown in the illustration below.
- 2) Place the burner grates directly above the briquette trays and make sure the square openings on the grates are at the front.



Flash tube position.

Installation Checklist

IMPORTANT NOTE: To ensure a safe and proper installation, the following checklist should be completed by the installer to ensure that no part of the installation has been overlooked.

Any questions or problems about the installation should be directed to your authorised Wolf customer care at 1300 808 859.

You can also visit our website at subzero-wolf.com.au.

- All packaging material has been removed.
- Specified clearances to combustible materials have been maintained.
- All burners light properly, individually and with adjacent burners lit.
- All flames appear normal.
- The drip tray slides freely and is properly placed.
- The correct gas pressure regulator is connected for natural or LP gas and set according to specifications on page 11.
- The LP gas cylinder is in an upright position and the hose is not kinked.
- The outdoor product has been tested and is free of any gas leak.
- The homeowner has been informed of the gas supply shut-off valve location.

Troubleshooting

IMPORTANT NOTE: If the outdoor gas grill does not operate properly, follow these troubleshooting steps:

- Verify that gas is being supplied to the grill.
- Check the gas supply and electrical connections to ensure that the installation has been completed correctly.
- Check that control knobs are turned to the ON position and held in to active the igniters.
- Follow troubleshooting procedures as described in the Wolf outdoor gas grills use & care guide.
- If the outdoor grill still does not operate properly, contact Wolf factory certified service. Do not attempt to repair the grill yourself. Wolf is not responsible for service required to correct a faulty installation.

⚠ WARNING

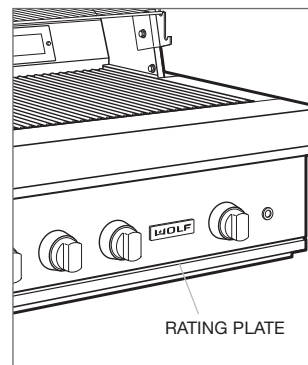
Be sure to disconnect the electrical and gas supply before servicing.

Service Information

If service is necessary, maintain the quality built into your outdoor grill 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, subzero-wolf.com.au or call Wolf customer care at 1300 808 859.

When calling for service, you will need the model and serial numbers of the outdoor product. Both numbers are listed on the product rating plate. For the outdoor grill, the rating plate is located above the drip tray, behind the logo. The drip tray must be removed to view the rating plate. For the burner module and side burner, the rating plate is located under the bullnose on the right side. Refer to the illustrations.



Outdoor grill.

**CONTACT
INFORMATION**

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