



GENERAL INSTALLATION INFORMATION

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

Regulations

The installation of a Wolf OG appliance must conform with local codes or, in the absence of local codes, either the National Fuel Gas Code, ANZIZ223.1/NFPA54, 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, a Wolf OG 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/NFPA70, or the Canadian Electrical Code, CSAC22.1. Keep any electrical supply cord, or the rotisserie motor cord and the gas supply hose away from any heated surfaces.

A Wolf OG 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.

Important Instructions to the Owner

- Installation and service must be performed by a qualified installer, service agency or the gas supplier.
- Warranty service must be performed by a Wolf authorized service center.
- 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.

LOCATING THE GRILL

NOTE: A Wolf OG appliance is designed and certified for outdoor use only. A Wolf OG appliance should never be operated inside a building, garage, recreation vehicle or any enclosed area.

When choosing an area for a grill, whether a portable or built-in application, the following should be considered:

- *Exposure to wind* - a grill should be kept away from windy areas but in a well ventilated area. The flow of combustion and ventilation air around the grill can not be obstructed.
- *Proximity to traffic paths* - a grill should be kept clear of traffic paths.
- *Length of gas supply line* - The gas supply line should be kept as short as possible to reduce pressure drop.
- *Levelness of application* - The grill must be level and flat. The supporting deck and countertop should also be level and flat.

⚠ WARNING

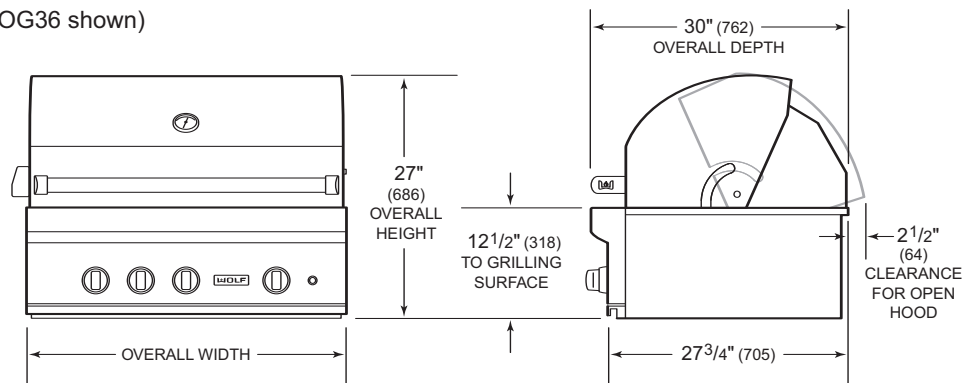
DO NOT LOCATE GRILL UNDER OVERHEAD COMBUSTIBLE SURFACES!

Portable Applications

- Wolf portable grill carts are available to fit most Wolf outdoor grill models.
- *Grill carts are sales accessories, sold separately from the OG appliance.*
- *There is no grill cart available for the OG54 model.*

OG and OG Cart Overall Dimensions

OUTDOOR GRILL
(Model OG36 shown)



GRILL CART
(Model CART36 shown)

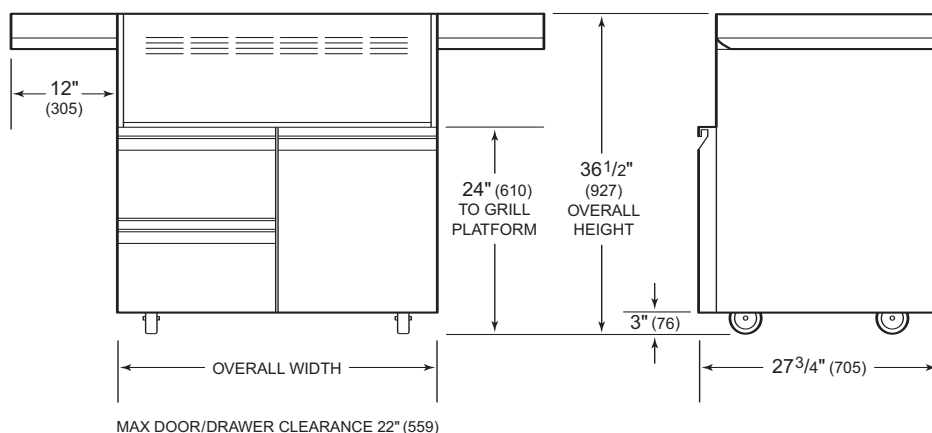


Figure 2-1. Grill & Cart Dimensions (See Tables Below for Width Dimensions)

Outdoor Grill Models	Overall Width
OG30	30" (762)
OG36	36" (914)
OG42	42" (1067)
OG54	54" (1067)

Outdoor Grill Cart Models	Overall Width
CART30	30" (762)
CART36	36" (914)
CART42	42" (1067)

NOTE: Throughout this manual, dimensions in parentheses are in millimeters unless otherwise specified.

Install OG Grill on Cart

There is a Wolf portable grill cart available to fit almost all Wolf outdoor grill models. To install a grill on a cart:

1. Attach casters to bottom corners of cart (locking casters go in front) using the nuts supplied with the casters (See [Figure 2-2](#)).
2. Remove back panel, then install transformer on floor of cart, toward rear of cart, using the two mounting screws (provided in cart body) (See [Figure 2-2](#)).
3. Extract screws from front inside flange of cart. They will be used later to affix grille to cart.
4. Place grill onto cart, but leave enough room at the back to make connection to transformer at right rear of cart. Then, after connection to the transformer is made, slide grill back until it is fully engaged on the cart.
5. With grill in position, secure grill to cart with four screws provided. Mounting holes in the upper back corners of the grill will align with holes in the cart. Secure with two screws. Remove the drip tray. Install two screws that were removed in step 4 through side mounting holes below the grill front panel and into the cart.
6. Reattach back panel (See [Figure 2-2](#)).
7. Attach side shelves to cart (See [Figure 2-1](#) below and [Figure 2-2](#) / Side Shelf Installation, on next page). The instructions on the next page are also supplied with the side shelves.

NOTE: If a Side Burner (SB13) will be installed on the grille cart, do not install the right side shelf. Side burner installation is explained later in this section.

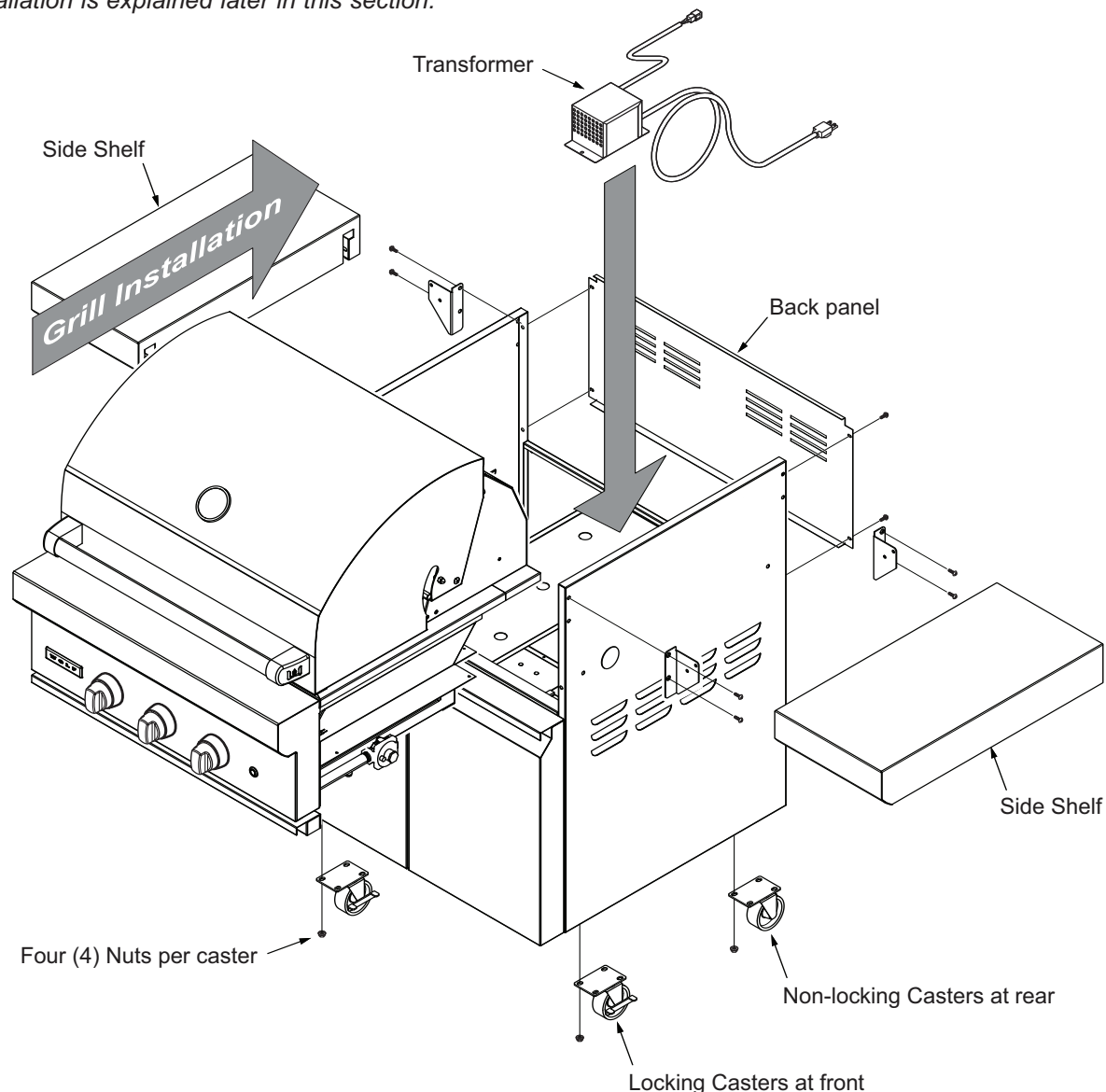
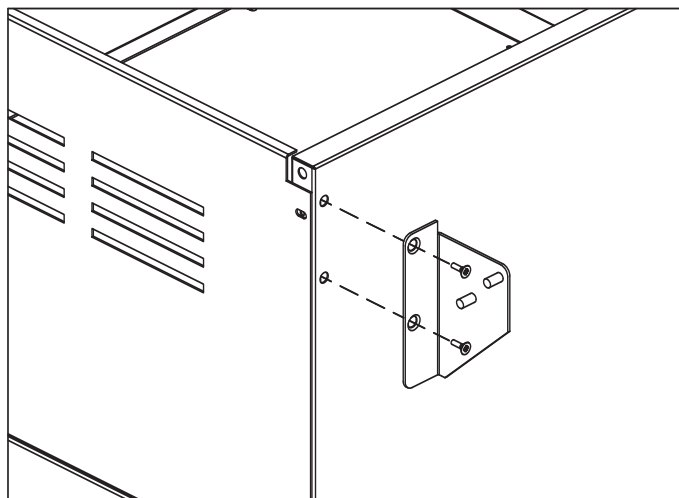
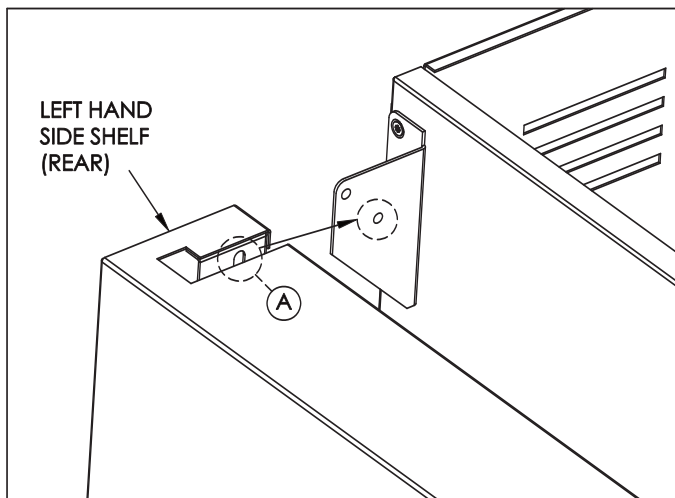


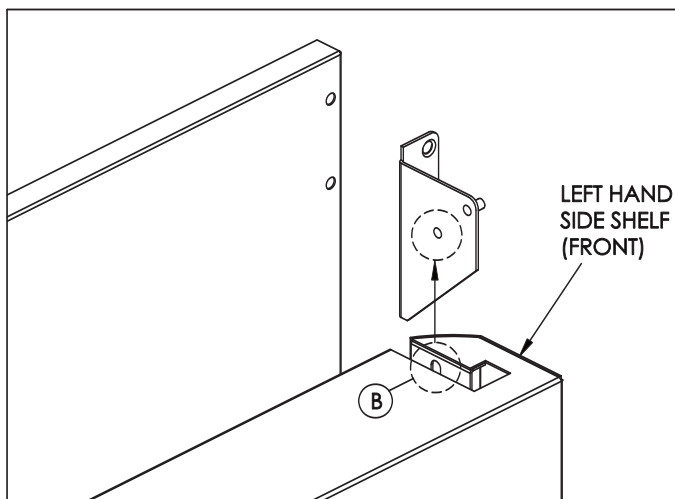
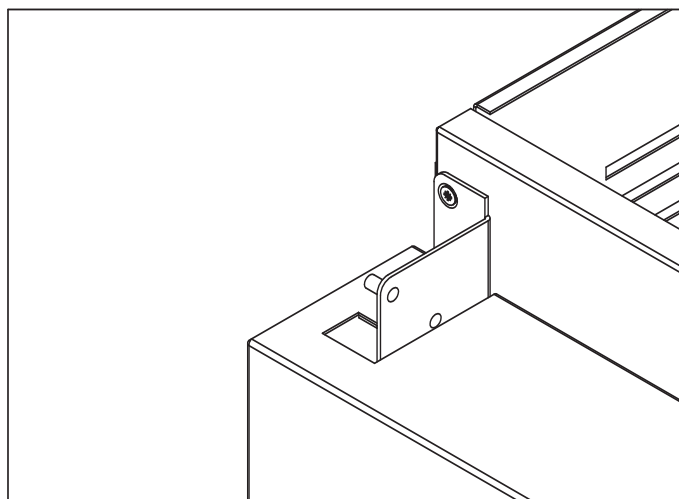
Figure 2-2. Grill on Cart Installation



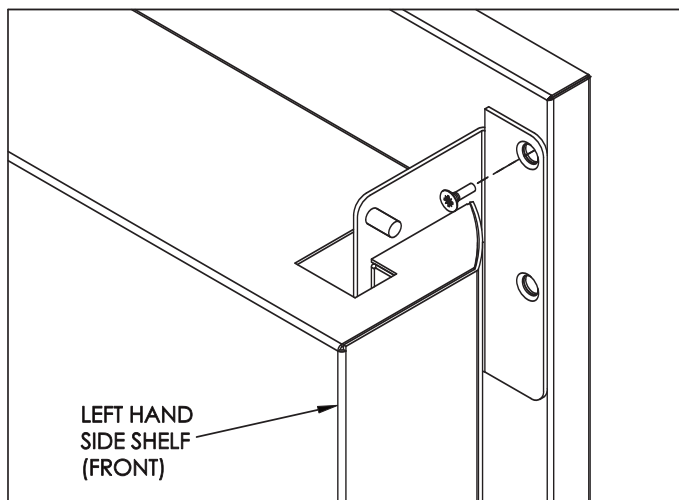
INSTALL THE SIDE SHELF REAR BRACKET AS SHOWN. THE PINS SHOULD POINT OUTSIDE THE CABINET.



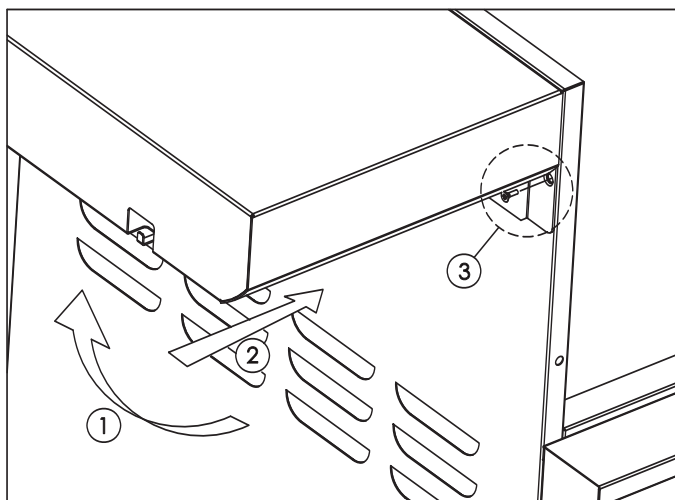
HOOK SLOT "A" TO THE BOTTOM PIN OF THE REAR SIDE SHELF BRACKET.



HOOK THE BOTTOM PIN OF THE FRONT SIDE SHELF BRACKET TO SLOT "B".



FASTEN THE TOP SCREW OF THE FRONT SIDE SHELF BRACKET AS SHOWN.



1.) SWING THE SIDE SHELF AS SHOWN AND 2.) PUSH IT TOWARDS THE CABINET. 3.) INSTALL THE BOTTOM SCREW OF THE BRACKET.

Figure 2-3. Side Shelf Installation Instructions

Built-In Applications

Wolf outdoor grills are designed for easy placement into a built-in enclosure.

- The enclosure for an OG model should be built according to specifications as described on the next page.
- Provisions must be made for the electrical supply and gas line connection.
- Specified clearances must be maintained.
- All installations require a deck to support the grill. The supporting deck should be level and flat and able to support 300 lbs (136 kg) for an OG installation.
- It is recommended that ventilation holes be provided in the enclosure so that gas will not become trapped 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 2-1/2" (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.

Insulating Liner

If the grill is to be placed into combustible enclosure, an approved insulating liner is necessary to prevent fire, property damage and bodily injury. Use only the Wolf insulating liner. See [Figure 2-4](#) below and refer to the illustration on the next page for an OG model.

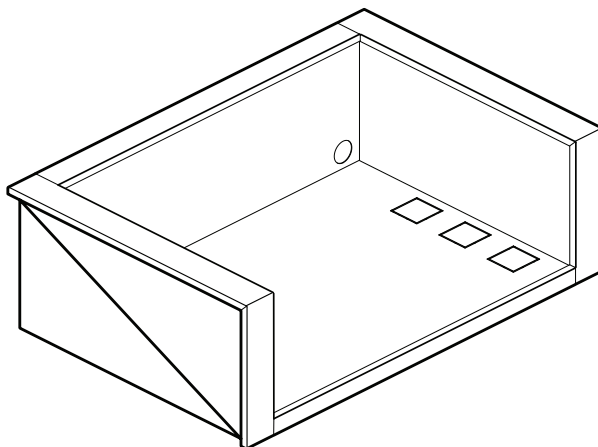
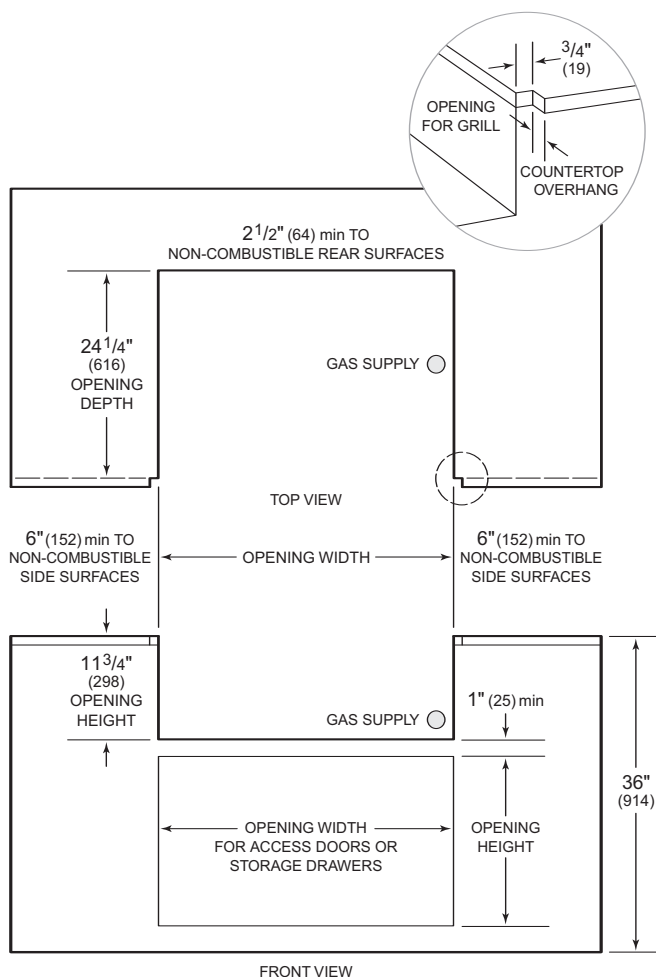
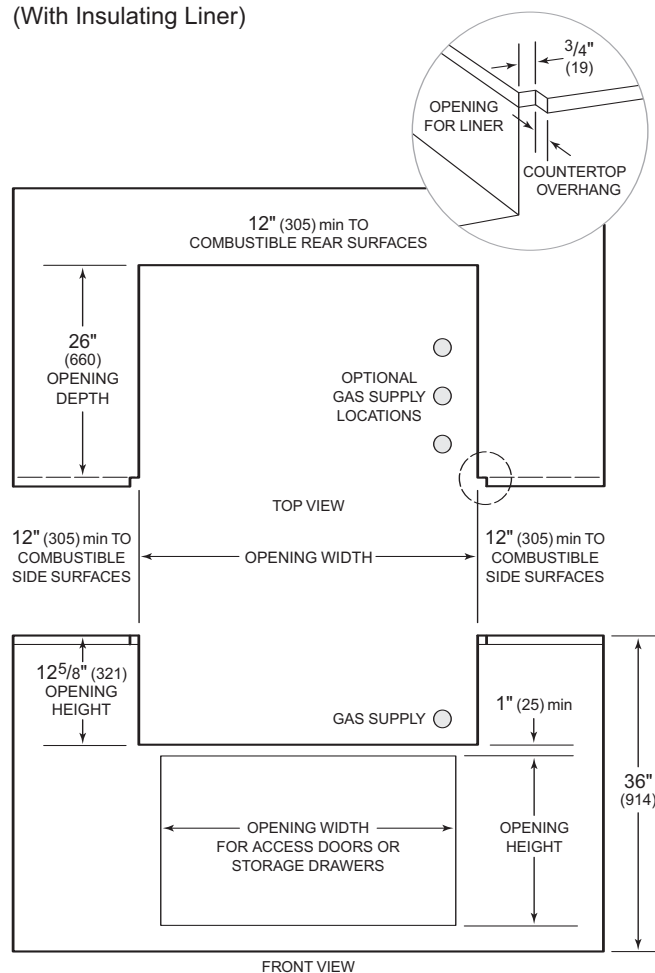


figure 2-4. Insulating Liner (36" Shown)

OG Built-in Installation Dimensions
NON-COMBUSTIBLE ENCLOSURE

**COMBUSTIBLE ENCLOSURE
(With Insulating Liner)**

NON-COMBUSTIBLE ENCLOSURE

Outdoor Grill Models	Opening Width
OG30	28-1/2" (724)
OG36	34-1/2" (876)
OG42	40-1/2" (1029)
OG54	52-1/2" (1334)

COMBUSTIBLE ENCLOSURE

Outdoor Grill Models	Opening Width
OG30	33-1/2" (851)
OG36	39-1/2" (1003)
OG42	45-1/2" (1156)
OG54	57-1/2" (1461)

OPTIONAL DOOR OPENING

Access Doors	Opening Width	Opening Height
18" (457) Single	16-1/4" (413)	19" (483)
30" (762) Double	28-1/4" (718)	19" (483)
36" (914) Double	34-1/4" (870)	19" (483)
42" (1067) Double	40-1/4" (1022)	19" (483)

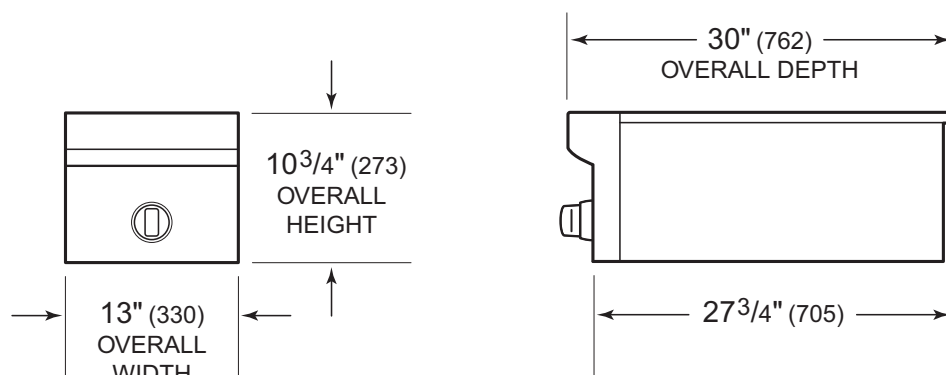
OPTIONAL DRAWER OPENING

Access Doors	Opening Width	Opening Height
30" (762) Single	27-1/4" (692)	9-3/4" (248)
13" (330) Double	12-1/8" (308)	19" (483)
13" (330) Triple	12-1/8" (308)	19" (483)
30" (762) Dbl w/Door	29-1/4" (743)	19" (483)

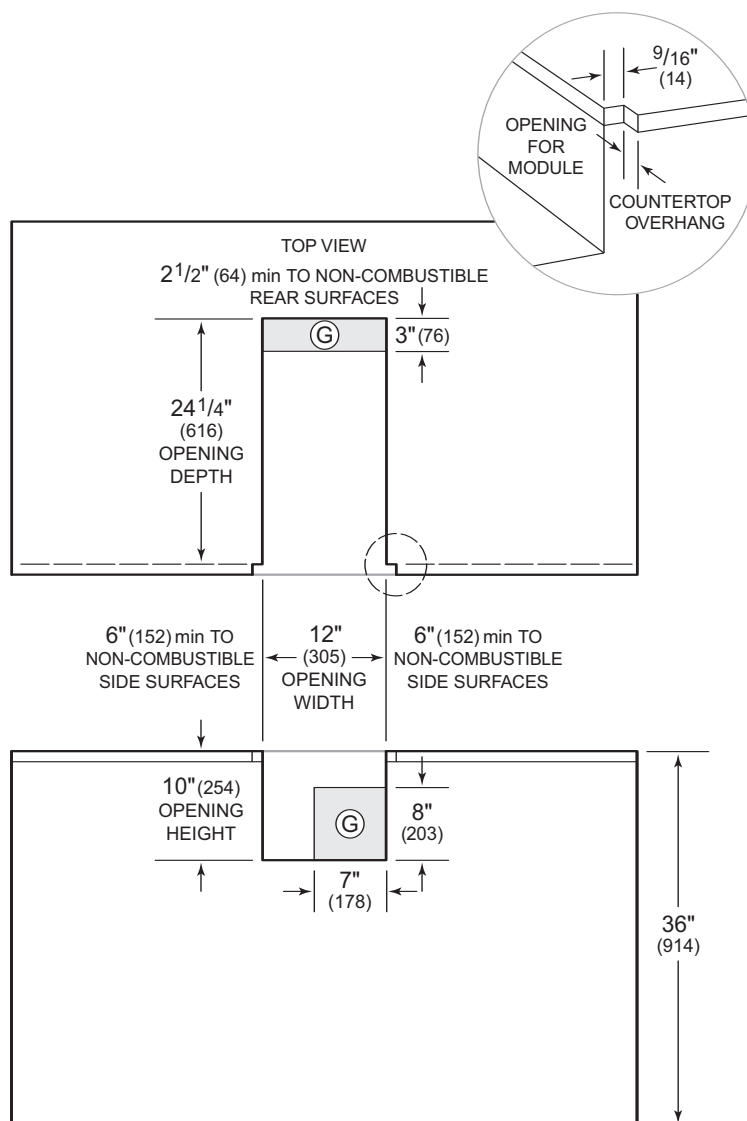
NOTE: Throughout this manual, dimensions in parentheses are in millimeters unless otherwise specified.

Burner Module Overall Dimensions

Side Burner (SB13) and Burner Module (BM13)



Burner Module (BM13) Built-in Installation Dimensions (Non-Combustible or Combustible Enclosure)



ELECTRICAL REQUIREMENTS

Install the Power Transformer

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

Cart Application - Two mounting screws are provided for mounting the transformer inside, on the floor of the cart.

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.

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 GFCI 120 V AC outlet. The outlet must be located within 6' (1.8 m) of the transformer.

Rotisserie Motor

The rotisserie motor requires a GFCI 120 V AC 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.

⚠ WARNING

SHOCK HAZARD!

- THE POWER TRANSFORMER AND THE ROTISSERIE MOTOR SUPPLIED WITH OUTDOOR GAS GRILLS ARE EQUIPPED WITH 3-PRONG GROUNDING PLUGS FOR PROTECTION AGAINST SHOCK HAZARD. THE 3-PRONG GROUNDING PLUGS SHOULD BE PLUGGED DIRECTLY INTO PROPERLY GROUNDED 3-PRONG OUTLETS. DO NOT CUT OR REMOVE A GROUNDING PRONG FROM A PLUG.
- DO NOT USE AN EXTENSION CORD OR TWO-PRONG ADAPTER.

GAS SAFETY REQUIREMENTS

NOTE: The outdoor gas grill 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 grill.

Conversion kits are available for both LP and natural gas grills. Contact a Wolf dealer or distributor for more information.

GAS SUPPLY REQUIREMENTS

Connect the grill 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) I.D. commercial type flex hose from the gas supply line to the grill connection. 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 I.D. pipe.

NOTE: For complete gas shutdown, an external gas shut-off valve must be located near the appliance in an accessible location (See [Figure 2-5](#)).

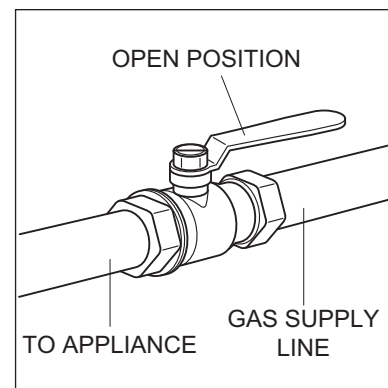


Figure 2-5. External Gas Shut-off Valve

⚠ WARNING

ENSURE THAT THE GAS SUPPLY HOSE DOES NOT COME IN CONTACT WITH ANY HOT SURFACE OF THE GRILL!

NATURAL GAS INSTALLATIONS

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

Natural Gas Safety Requirements

The 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).

The 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 Figures 2-6 and 2-7 below. Make sure that the pressure regulator supplied with the grill is used and installed with the arrow on the regulator pointing towards the grill. 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.

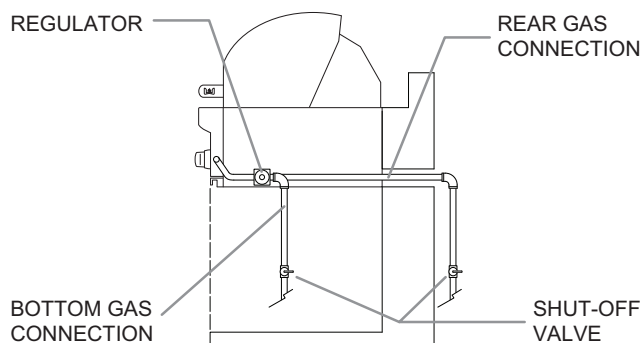


Figure 2-6. Natural Gas Connection

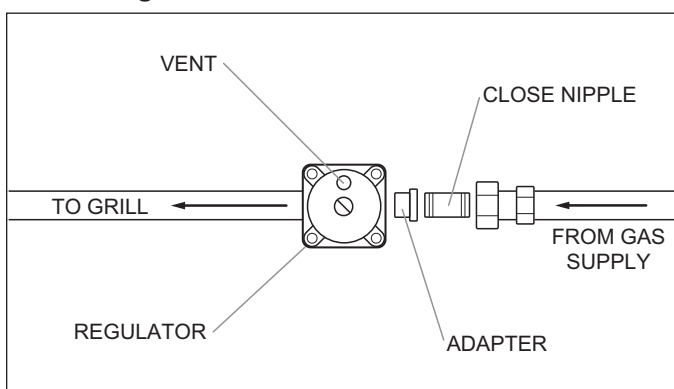


Figure 2-7. Natural Gas Regulator

LP GAS INSTALLATIONS

The LP gas pressure regulator provided with LP gas grills is set for 10" (25 mb) WC (water column) and is for use with LP gas only. The regulator comes connected to a hose for use with a 20-lb LP gas cylinder.

LP Gas Safety Requirements

The LP gas cylinder must be provided with an approved over-filling preventive device (OPD) and a cylinder connection device compatible with the connection for outdoor cooking appliances.

Any LP gas cylinder used with a Wolf 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.

The LP gas cylinder must be provided with a shut-off valve terminating in the cylinder valve outlet, and it must include a collar to protect the cylinder valve.

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

LP Gas Installation (Portable LP Connection)

One of the features of a Wolf OG grill cart is the pull-out shelf for easy access to the LP gas cylinder. It is designed to hold a 20-lb (5 gallon capacity) LP gas cylinder.

To install the LP gas cylinder on a Wolf OG grill cart (See [Figure 2-8](#)):

1. Open the door and pull the shelf out, then place the cylinder on it.
2. Check to ensure that the gas valve on top of the cylinder is closed.
3. Connect the LP gas regulator to the cylinder and hand-tighten only. Open the cylinder valve and check for leaks.
4. Tighten the thumb screw to secure the cylinder to the shelf.

⚠ WARNING

ALWAYS CHECK FOR GAS LEAKS AFTER CHANGING A LP GAS CYLINDER!

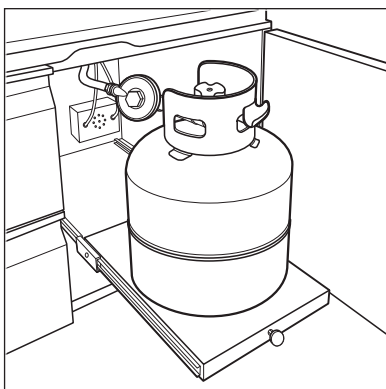


Figure 2-8. Grill Cart Pull-out Shelf

LP Gas Connection

Install the pressure regulator and hose assembly supplied with the grill as shown in [Figures 2-9](#) and [2-10](#) below. Connect the 3/8" flare end of the hose to the grill coupling using a 3/4" open wrench. Do not apply pipe sealant to the 3/8" flare connection. Connect the regulator to the LP cylinder and hand-tighten, do not use a wrench.

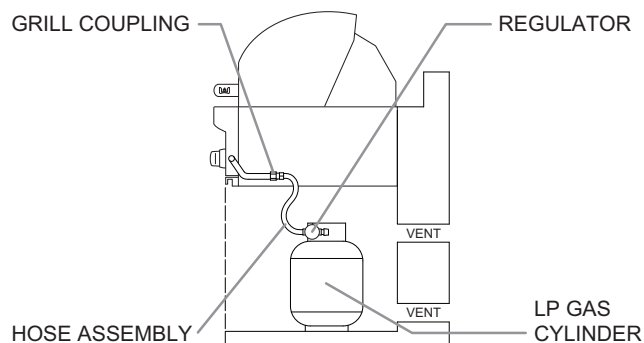


Figure 2-9. LP Gas Connection

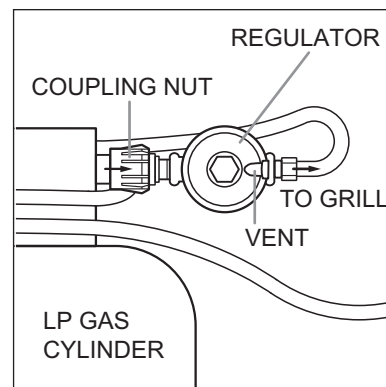


Figure 2-10. LP Gas Regulator

⚠ WARNING

THE LP PRESSURE REGULATOR AND HOSE SUPPLIED WITH THE GRILL MUST BE USED WITHOUT ALTERATION!

⚠ WARNING

DO NOT PLACE MORE THAN ONE LP GAS CYLINDER IN AN ENCLOSURE AT ONE TIME!

GAS LEAK TESTING

NOTE: Never use the outdoor grill 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.

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 a Wolf authorized service center.

NOTE: Do not use the grill 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

Except for some minor parts, Wolf outdoor grills 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.

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
- Hex-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
- smoker box assembly

Installing Briquette Trays

1. Place the briquette trays into the grill above the burners with the flash tube at the front (See [Figure 2-11](#)).
2. Place the hex-grates directly above the briquette trays and make sure the square openings on the hex-grates are at the front.

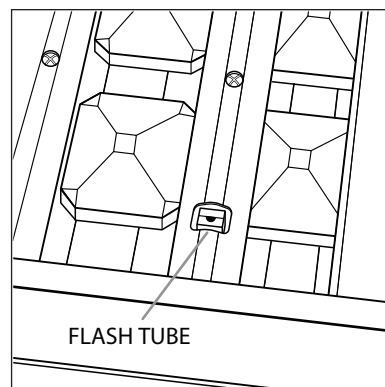


Figure 2-11. Flash Tube Position