

ArtisanTM

Professional Grills by Alfresco



Care & Use Manual

For all Artisan Grill Models

Artisan™



1085 Bixby Drive
City of Industry, CA. 91745
(888) 383-8800
www.alfrescogrills.com

INSTALLER:
CONSUMER:

*Leave these instructions with the consumer.
Retain these instructions for future reference.*

DANGER

IF YOU SMELL GAS:

1. SHUT OFF GAS TO THE APPLIANCE
2. EXTINGUISH ANY OPEN FLAME.
3. OPEN LID.
4. IF ODOR CONTINUES, KEEP AWAY FROM THE APPLIANCE AND IMMEDIATELY CALL YOUR GAS SUPPLIER AND OR FIRE DEPARTMENT.

WARNING

1. DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE LIQUIDS OR VAPORS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.
2. AN LP CYLINDER NOT CONNECTED FOR USE SHALL NOT BE STORED IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

DANGER

S'IL Y A UNE ODEUR DE GAZ:

1. COUPEZ L'ADMISSION DE GAZ DE L'APPAREIL.
2. ÉTENDRE TOUTE FLAME NUE.
3. OUVRIR LE COURVERCLE.
4. SI L'ODEUR PERSISTE, ÉLOIGNEZ-VOUS DE L'APPAREIL ET APPELEZ IMMÉDIATEMENT LE FOURNISSEUR DE GAZ OU LE SERVICE D'INCENDIE.

AVERTISSEMENT

1. NE PAS ENTREPOSER NI UTILISER DE L'ESSENCE NI D'AUTRES VAPEURS OU LIQUIDES INFLAMMABLES À PROXIMITÉ DE CET APPAREIL NI DE TOUT AUTRE APPAREIL.
2. UNE BOUTEILLE DE GPL QUI N'EST PAS RACCORDÉE EN VUE DE SON UTILISATION NE DOIT PAS ÊTRE ENTREPOSÉE À PROXIMITÉ E CET APPAREIL NI DE TOUT AUTRE APPAREIL.

TESTED IN ACCORDANCE WITH: ANSI Z21.58-2022 AND CSA 1.6-2022

THE STANDARD FOR OUTDOOR COOKING GAS APPLIANCES.

CODE REQUIREMENTS:

Installation of this cooking appliance must conform to local codes. In the absence of local codes, this unit should be installed in accordance with the *National Fuel Gas code ANSI Z223.1/NFPA 54*, the *Natural Gas and Propane Installation code CSA B149-1*, or the *Propane Storage and Handling Code CSA B149.2*.

All Electrical Components must be electrically grounded in accordance with local codes or in the absence of local codes with the *National Electrical Code NFPA 70* or *Canadian Electrical code Part 1 (CSA C22.1)*.

CALIFORNIA PROPOSITION 65 - WARNING Pursuant to California Health & Safety Code Sec. 25249.6

Appliances that use Natural Gas and Propane emit toxic combustion byproducts, that are on the list of substances which are known by the State of California to cause cancer and / or birth defects or other reproductive harm. To minimize exposure to these substances, always operate this unit in a well ventilated area and according to this use and care manual.

For additional information, please go to <https://www.p65warnings.ca.gov>.

FOR OUTDOOR INSTALLATION AND USE ONLY:

This outdoor cooking gas appliance must only be used outdoors and must not be used in a building, garage, or any other enclosed area.

ILLUSTRATIONS AND DEFINITIONS OF OUTDOOR AREAS:

An appliance is considered to be outdoors if installed with shelter no more inclusive than with walls on three sides, but with no overhead cover (see image # 1) ; all openings must be permanently open; sliding doors, garage doors, windows, or screened openings are not considered as permanent openings or,

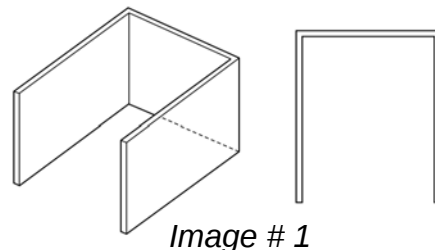


Image # 1

An appliance is considered to be outdoors if installed with shelter no more inclusive than within a partial enclosure that includes an overhead cover and no more than two sidewalls. The sidewalls may be parallel, as in a breezeway, or at right angles to each other (see image # 2 and # 3). All openings must be permanently open; sliding doors, garage doors, windows, or screened openings are not considered as permanent openings.

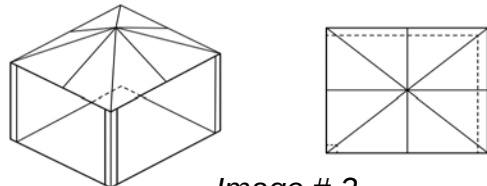


Image # 2

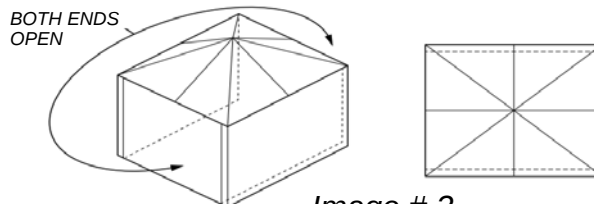


Image # 3

An appliance is considered to be outdoors if installed with shelter no more inclusive than within a partial enclosure that includes an overhead cover and three sidewalls, as long as 30% or more of the horizontal periphery of the enclosure is permanently open. (see image # 4 and # 5), All openings must be permanently open; sliding doors, garage doors, windows, or screened openings are not considered as permanent openings.

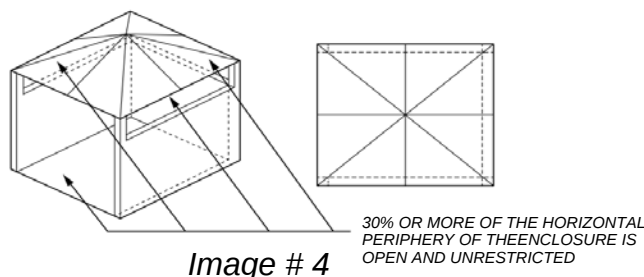


Image # 4

30% OR MORE OF THE HORIZONTAL PERIPHERY OF THE ENCLOSURE IS OPEN AND UNRESTRICTED

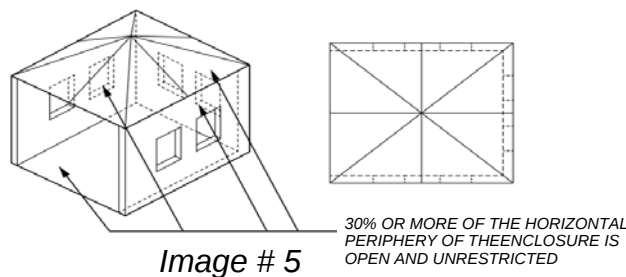


Image # 5

30% OR MORE OF THE HORIZONTAL PERIPHERY OF THE ENCLOSURE IS OPEN AND UNRESTRICTED

APPLIANCE SERIAL
NUMBER LABEL:



NOTICE

THIS OUTDOOR COOKING APPLIANCE IS NOT INTENDED TO BE INSTALLED IN OR ON BOATS. THIS APPLIANCE IS NOT INTENDED TO BE INSTALLED IN OR ON RECREATIONAL VEHICLES.

CLEARANCES:

It is necessary to maintaining proper clearances from combustible construction, the specific minimum clearances from such construction to the sides and back of this cooking gas appliance is shown in the serial label.

PASTE SERIAL NUMBER
LABEL IN THIS AREA

LOCATING AND ASSEMBLING THE GRILL:

When determining a suitable location for your grill, take into account the outdoor area as determined on page 3 and concerns such as wind exposure, rain, sprinklers, proximity to traffic paths and keeping any gas supply line runs as short as possible.

Locate the grill only in a well-ventilated area. Never locate the grill in a building, garage, or other such enclosed areas without an approved ventilation system. Never locate the grill over, under or next to unprotected combustible construction. During heavy use, the grill will produce a lot of smoke.

CLEARANCES:

TO NON-COMBUSTIBLE CONSTRUCTIONS:

A minimum of **3-5/8"** clearance from the back of the grill to non-combustible construction is required to allow the hood to be fully opened.

TO COMBUSTIBLE CONSTRUCTIONS:

The minimum clearance of the unit to combustible construction is indicated in the serial plate on page 3.

ASSEMBLY:

BUILT-IN MODELS: Before locating your *Artisan™* Grill into your non-combustible enclosure, please complete the following steps:

1. Remove all packaging materials.
2. Ensure that the burners are positioned correctly on their orifices, and are fully seated onto their supports. (See page 5)
3. Position the briquette trays onto their support ledge.
4. Make the connection to the gas regulator according to the instructions on pages 11 thru 19 for your gas type.
5. To comply with safety and service requirements, the main gas shut off valve must be accessible from front of grill without using any tools.

Your Artisan™ Grill has provision for mounting onto a mobile cart if you choose to do so.

Contact your Artisan™ dealer for the appropriate cart for your grill.

FREE STANDING (CART) MODELS: Please complete the following steps:

1. Remove all packaging materials.
2. Ensure that the burners are positioned correctly on their orifices, and are fully seated onto their supports. (see page 5)
3. Position the briquette trays onto their support ledge.
4. Make the connection to the gas regulator according to the instructions on pages 11 thru 19 for your gas type.
5. Allow a minimum of 3" clearance around all sides of grill cart for proper air movement.
6. Lock the front casters to prevent unwanted grill / cart movement.

NOTE:

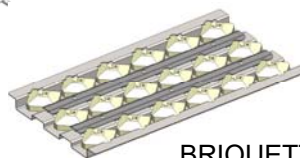
To prevent lighting problems and ensure proper operation of your grill, it is imperative that the burners are properly installed and aligned with respect to the gas orifices.

BURNER PLACEMENT:

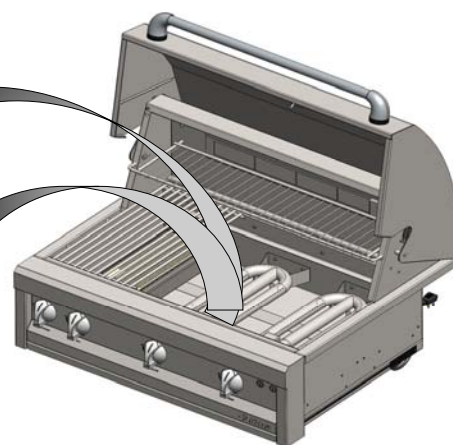
The main burners (U-Burners) are located below the grates and briquette trays. To access the burners lift the grates and the briquette trays out of the cooking surface of the grill.

Located directly below the briquette trays, the burners are resting between the rear support bracket and the gas orifice at the front of the grill (directly behind the firewall).

REMOVE GRATES



BRIQUETTE TRAYS ARE LOCATED OVER THE BURNERS



The air shutter adjustment screws are accessible with a flat screwdriver by removing the burner. Loosen the screw of the air shutter. Reinstall the burner. Make certain that the burners are sitting properly on the orifices taking care not to move or damage the igniter electrode.

SUPPLY
VENTURY
TUBE

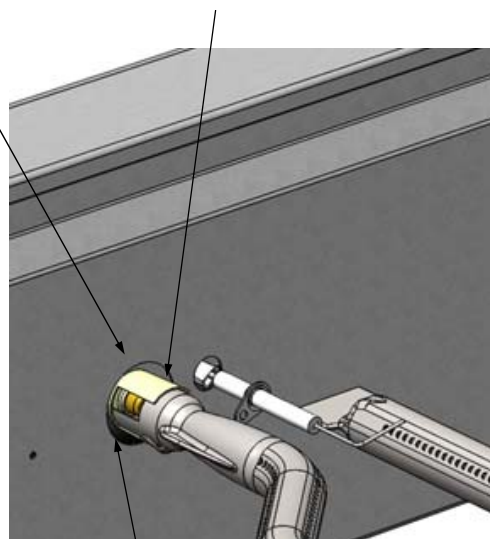
SHUTTER
AND INLET
PORT

MAIN U-BURNER

MAIN BURNER

BURNER SHUTTER

INLET



NOTCH

MAIN
BURNER

LEAK TESTING:

GENERAL INFORMATION:

Although all gas connections on your Artisan™ Grill are leak tested at the factory prior to shipment, a complete gas tightness check must be performed at the installation site due to possible mishandling in shipment, or excessive pressure unknowingly being applied to the unit.

Periodically check the whole system for leaks, or immediately check if the smell of gas is detected.

In order to check for leaks, it is necessary to connect and pressurize the grill with the fuel supply system of your choice such as a local liquid propane (LP) tank system or a fixed piped system of natural gas (NG) or a remote LP system.

Follow the fuel connection instructions in this manual prior to conducting any leak testing.

GAS CONNECTIONS INFORMATION:

For LP or NG fuel systems with flexible hoses, please inspect the hose before each use of the outdoor cooking gas appliance. If it is evident that there is excessive abrasion or wear, or the hose is cut, it shall be replaced prior to the outdoor cooking gas appliance being put into operation.

If the unit is installed with a flexible rubber hose / regulator assembly, only replace with assembly part number:

- **PROP-KIT-01**

This assembly consists of a 36" long hose with a 3/8" ODF fitting and dual in-line regulator with a **QCC1** connection.



Contact Artisan™ Grills for replacement.

If the unit is installed with a flexible metal (stainless) hose or a coated stainless hose, (minimum 1/2" ID for NG and 3/8" ID for LP), similar hoses are available for replacement at plumbing stores, supply warehouses or home centers.

All rigid pipes, semi-flexible tubing and connectors must comply with **ANSI Z21.75** and **CSA 6.27** as suitable for outdoor installation.

The maximum length of the connection must be 6 Ft (1.82 m).



CONNECTION ACCESS:

FOR BUILT IN UNITS: Locate the access plate or door provided in the outdoor counter or island for inspection of gas lines / shut-off valves and electrical connections.

FOR CART MOUNTED UNITS: For LP cart mounted units, inspection of the flexible hose, regulator and tank can be done by opening the doors of the cart. For NG cart mounted units, the flexible hose is available

⚠ WARNING

ELECTRICAL GROUNDING INSTRUCTIONS:

THIS OUTDOOR COOKING GAS APPLIANCE IS EQUIPPED WITH A THREE-PRONG (GROUNDING) PLUG FOR YOUR PROTECTION AGAINST SHOCK HAZARD AND SHOULD BE PLUGGED DIRECTLY INTO A PROPERLY GROUNDED THREE-PRONG RECEPTACLE. DO NOT CUT OR REMOVE THE GROUNDING PRONG FROM THIS PLUG.

⚠ AVERTISSEMENT

INSTRUCTIONS DE MISE À LA TERRE ÉLECTRIQUE

CET APPAREIL DE CUISSON AU GAZ D'EXTÉRIEUR EST ÉQUIPÉ D'UNE FICHE À TROIS BROCHES (MISE À LA TERRE) POUR VOTRE PROTECTION CONTRE LES RISQUES D'ÉLECTROCUTION ET DEVRAIT ÊTRE BRANCHÉ DIRECTEMENT DANS UNE PRISE À TROIS BROCHES CORRECTEMENT MISE À LA TERRE. NE PAS COUPER OU ENLEVER LA PRISE MISE À LA TERRE.

⚠ WARNING

KEEP ANY ELECTRICAL CORD AND FUEL SUPPLY HOSE AWAY FROM ANY HEATED SURFACES.

⚠ AVERTISSEMENT

GARDER TOUT LE CORDON ÉLECTRIQUE ET LE TUYAU D'ALIMENTATION DE CARBURANT À L'ÉGARD DE TOUTES SURFACES CHAUFFANTES.

for inspection on the back of the cart unit.

⚠ WARNING

HOOD MUST BE OPEN WHEN LIGHTING THE GRILL.

HOOD SHOULD NOT BE CLOSED FOR LONG PERIODS WHEN IR BURNERS ARE IN USE.

⚠ AVERTISSEMENT

LE CAPOT DOIT ÊTRE OUVERT LORSQUE L'ALLUMAGE DE LA HOTTE DU GRIL. NE DOIT PAS ÊTRE FERMÉ PENDANT DE LONGUES PÉRIODES LORSQUE DES BRÛLEURS IR SONT UTILISÉS.

LIGHTING INSTRUCTIONS: BUTTON



TOP SWITCH:
IGNITER BUTTON



MIDDLE SWITCH:
LIGHT FIXTURES

SYMBOLS AND LOCATIONS:

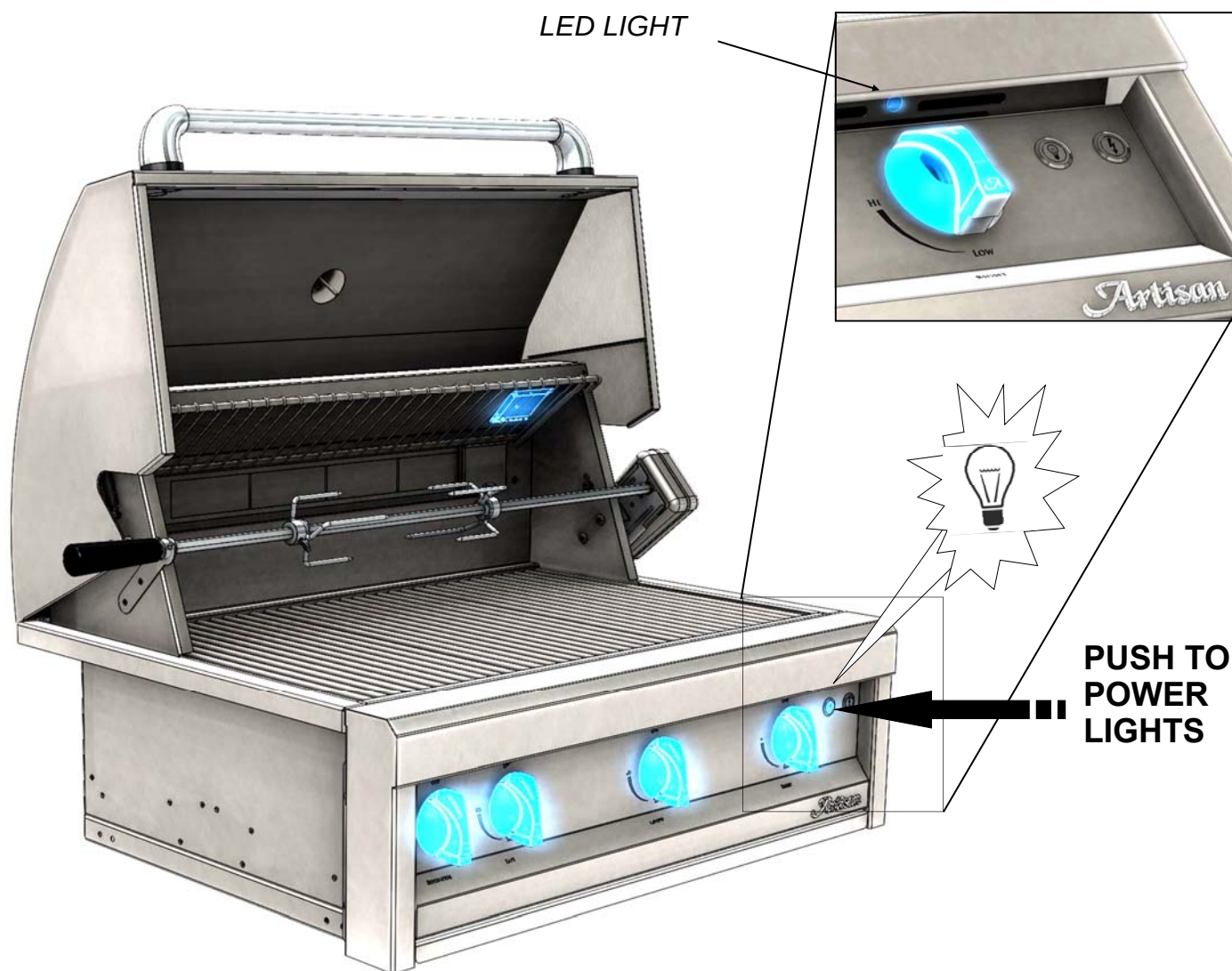
ILLUMINATION LIGHTS IN YOUR GRILL:

There are two types of lights on your ARTP/ART Grill, incandescent in the cooking area and LED blue panel lights under the control panel (See *illustration below*).

Both lights systems are controlled with one light switch button.

Open the hood, press the proper light switch button (see symbols above and *illustration below*).

NOTE: Incandescent light bulb is located on the right side of the rear hood above the cooking area. The area around the light fixtures and the light fixtures themselves become extremely hot during grill operation with or without the lights being turned on.



GRILL BURNERS LIGHTING:

Always keep your face and body as far away from the grill as possible when lighting !.

Lift the hood, depress the igniter button for the burner you are trying to light, and immediately push and turn the burner control knob counter-clockwise to the “HI” position and wait for the burner to light. (See illustration below).

NOTE: The first burner may take longer to light while air is purged from the gas supply system.

If the burner does not light within 4 seconds, turn knobs to “OFF” and wait 5 minutes to allow any accumulated gas to dissipate before trying again. If the burner will not light after several attempts, then it can be lit with a match.

Keep your face away from the grill as far as possible and pass a lit, long stem match through the notch in the grill rack to the ports of the burner you are trying to light. When attempting to light a burner with a match, ensure that the correct burner control knob is used.

Position the match near the burner ports. Push and turn the control knob to “HI”. Repeat procedure on each burner if necessary. If the burner does not light in 4 seconds turn the knob OFF, wait 5 minutes and try again. If the burner will not light after several attempts see page 34: **Troubleshooting**.

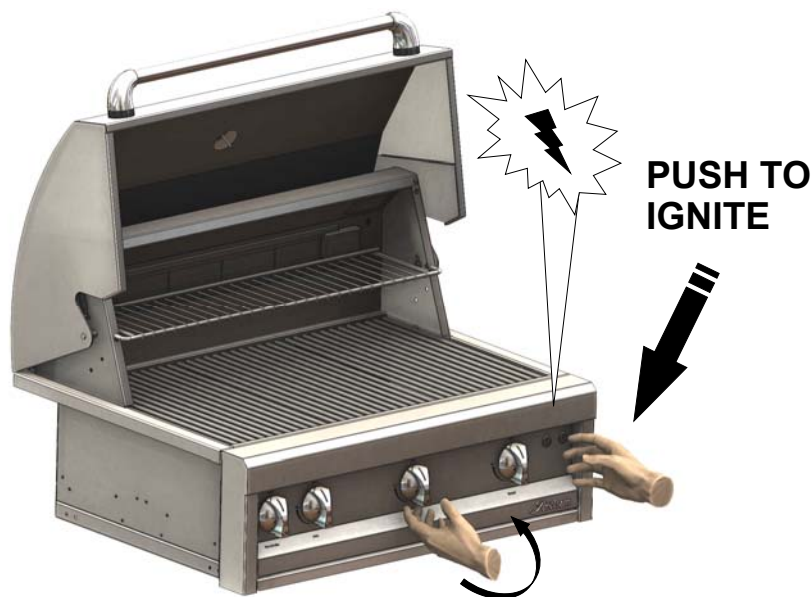
To assure that an IR burner is lit, very carefully place your hand 8-10 inches away from the burner surface. If you do not feel the heat of the burner, shut off control knob, wait five minutes, and attempt to relight.

CAUTION

IN SUNNY ENVIRONMENTS, THE FLAME FROM AN IR BURNER MAY BE IMPOSSIBLE TO SEE.

MISE EN GARDE

DANS LES ENVIRONNEMENTS SOLEILS, LA FLAMME D'UN



SIDE BURNER LIGHTING:

Push and turn the side burner right hand control knob to the “HI” position and immediately depress the igniter button. You’ll hear a snapping sound from the spark which is being generated at the side burners. It is necessary to keep the igniter button depressed until the burner is lit.

If the burner does not light in 4 seconds, turn knobs to “OFF” and wait 5 minutes to allow any accumulated gas to dissipate before trying again. If the burner will not light after several attempts, then it can be lit with a match.

NOTE: To ensure proper spark ignition, do not change the gap between the electrode wires and the burners. The optimum gap is preset at the factory between 1/8” and 3/16”.

ROTISSERIE BURNER LIGHTING:

Open the lid, press the igniter button (see page 8) and then turn the control knob to the “HI” position. If the burner does not light within 4 seconds, turn the control knob to “Off”, wait five minutes and attempt to relight. If the igniter does not function, you can light the burner by holding a lit match to the burner (with the control knob at the “HI” position).

After your first use of the rotisserie burner it is likely that the stainless steel adjacent and directly above the burner will darken to a dark blue color. This is a normal property of the corrosion resistant, type 304 stainless steel used in the manufacturing of your barbecue, and is not detrimental to its operation.

PREHEATING THE GRILL (U-BURNERS):

Preheating the grill is important for best performance. To preheat the grill when cooking with the U-burners, close the hood after lighting the burners as described above. Set the grill control knobs on “HI” for 15 minutes.

PREHEATING THE GRILL (IR-BURNERS):

Preheating the IR burners is important to protect them from food drippings. After lighting the IR burners as described above, allow to preheat on “HI” for four minutes before beginning to grill.

If your grill is equipped with a SEAR-ZONE™ IR BURNER, light and preheat the U-BURNERS first, then light and preheat the SEAR-ZONE™ IR BURNER.

PREHEATING THE ROTISSERIE BURNER:

Light the rotisserie burner as described in the lighting instructions. Once lit, the rotisserie burner will reach cooking temperatures in about 1 minute.

BURNER ADJUSTMENTS:

NOTE: *Artisan*™ grills are available with both U-burners and IR burners. The following instructions apply only to the U-burners. IR burners do not require adjustment and need only be checked visually for proper performance. On high, an IR burner should glow red evenly over its entire surface.

U-BURNER AIR ADJUSTMENT:

Each grill burner is tested and adjusted at the factory prior to shipment; however, variations in the local gas supply, elevation and other factors might make it necessary to adjust the burners. The flames of the burners should be visually checked and compared with illustration on page 25.

Flames should be blue and stable with no yellow tips, excessive noise or lifting.

If any of these conditions exist, check if dirt, debris, spider webs, etc., are blocking the air shutter or burner ports. Proceed with air shutter adjustment.

AIR SHUTTER ADJUSTMENT:

A sheet metal cap at the inlet of the burner called the “AIR SHUTTER” regulates the amount of air that enters into the burner for combustion. The air shutter is locked in place by a screw, which must be loosened prior to lighting the burner for adjustment.

The air shutter adjustment screws are accessible with a flat screwdriver by removing the burner. Loosen the screw of the air shutter. Reinstall the burner. Make certain that the burners are sitting properly on the orifices taking care not to move or damage the igniter electrode.

Light the burners and adjust according to the following directions:

- Turn the valve on “HI”, light the burner and allow it to “WARM UP” for 10 minutes.
- If the flame is yellow, indicating insufficient air, turn the air shutter counter-clockwise to allow more air into the burner.
- If the flame is noisy and tends to lift away from the burner, (*WITH THE BRIQUETTE TRAYS IN POSITION*) indicating too much air, turn the air shutter clockwise to reduce the amount of air to the burner.
- Retighten the locking screw of the air shutter cap.

NOTE: Be careful, as the burner could be and / or will become very hot after lighting it.

⚠ CAUTION

IN SUNNY ENVIRONMENTS, THE FLAME FROM AN IR BURNER MAY BE IMPOSSIBLE TO SEE.

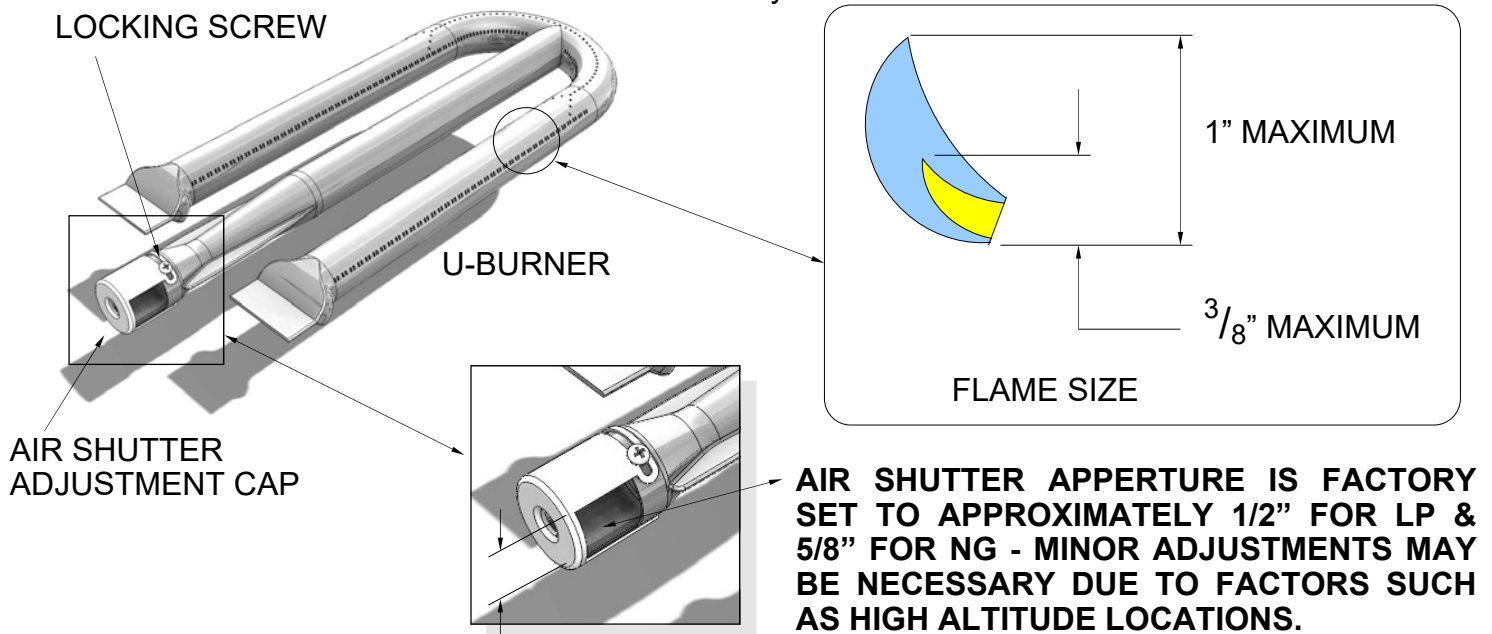
⚠ MISE EN GARDE

DANS LES ENVIRONNEMENTS SOLEILS, LA FLAMME D'UN BRÛLEUR IR PEUT ÊTRE IMPOSSIBLE À VOIR.

Flames should be blue and stable with no yellow tips, excessive noise or lifting.

GENERAL MAINTENANCE INSTRUCTIONS:

1. Keep the outdoor cooking gas appliance area clear and free from combustible materials, gasoline, and other flammable vapors and liquids;
2. DO NOT obstruct the flow of combustion and ventilation air;
3. Keep the ventilation opening(s) of the cylinder enclosure (if any) free and clear from debris;
4. Visually check burner flames.



For additional information regarding burner flames or adjustments please refer to page 26 and 27 of this manual.

5. Clean the outdoor cooking gas appliance, including special surfaces, if necessary with recommended cleaning agents (see detailed cleaning information on pages 30 through 31); and
6. Check and clean burner/venturi tubes for insects and insect nests. A clogged tube can lead to a fire beneath the grill.

PARTS AND REPLACEMENTS:

For information regarding obtaining replacement parts please refer to “How to obtain service” on page 39 of this manual.

OPERATING TEMPERATURE:

The minimum operating temperature for safe use of this outdoor cooking gas appliance is 0 °F (-17.8 °C)

NOTE:

PORTABLE (CART-MOUNTED) OUTDOOR GRILLS MUST NOT BE USED UNDER OVERHEAD COMBUSTIBLE CONSTRUCTION.

SELF CONTAINED LIQUID PROPANE (LP) GAS SUPPLY SYSTEMS:

L.P. TANK REQUIREMENTS:

Use only a standard 20 Lb. (5 Gallons) propane gas cylinder (18-1/4" H x 12-1/4" Ø). The tank must be installed in the upright position. Do not use a dented or rusty LP tank as it may be hazardous and should be checked by your LP supplier. Never use a cylinder with a damaged valve.

The LP cylinder shall be constructed and marked in accordance with the Specification for LP Gas Cylinders of the U.S. Department of Transportation (DOT) or **CSA B339**.

The cylinder must be provided with a shut off valve terminating in an LP gas supply cylinder valve outlet specified, as applicable, for connection type **QCC1** according to the standard for compressed gas cylinder valve outlet and inlet connections **CGA 791**.

LP GAS CONNECTION TO LP TANKS:

Your Artisan™ Grill for use with LP gas comes equipped with its own regulator, which **MUST NOT** be removed.

There is also a secondary High Capacity, Hose / Regulator assembly for connection to a standard 20 Lb. LP cylinder. The LP gas pressure regulator and hose supplied with this unit must be used without alteration.

If this assembly needs to be replaced use only the type specified by Artisan™ Grill for this appliance. Only replace with assembly part number:

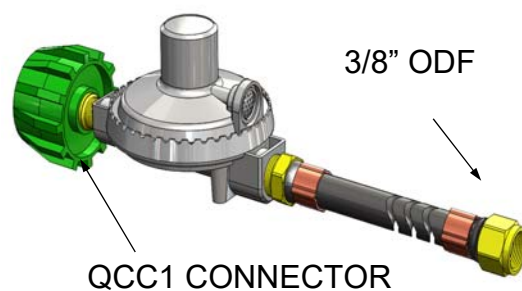
- **PROP-KIT-01**

This assembly consists of a 36" long hose with a 3/8" ODF fitting and dual in-line regulator with a **QCC1** connection.

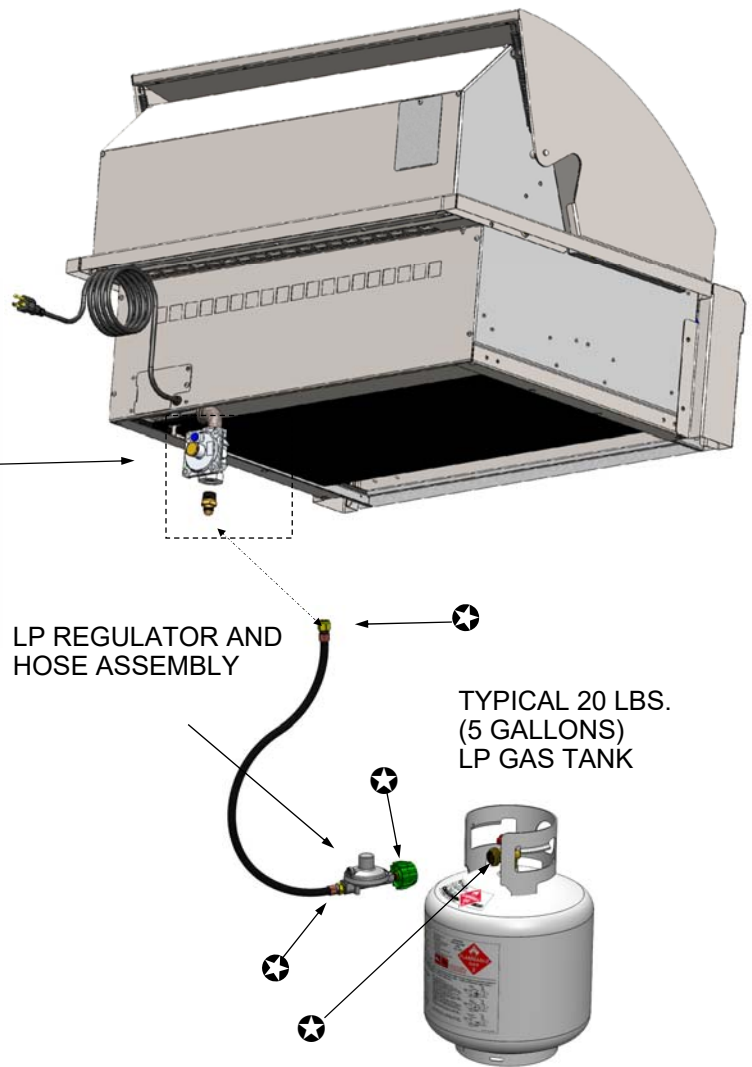
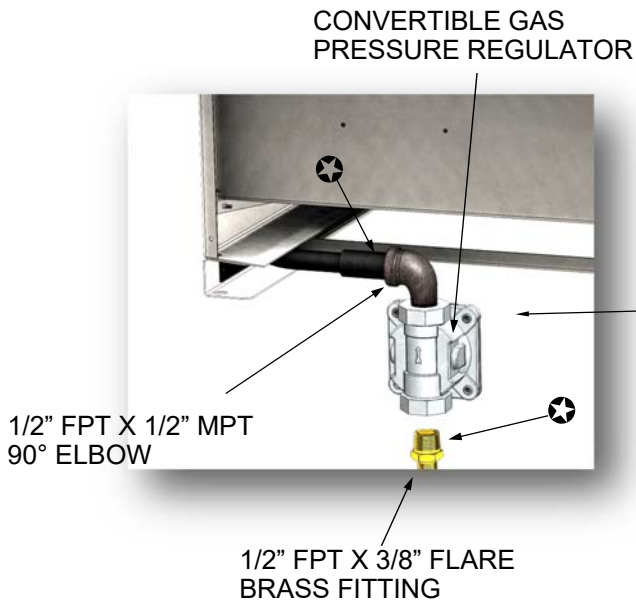
To connect the LP Regulator / Hose Assembly follow the diagram on the next page:

LP TANK CONNECTION STEPS:

1. Locate the regulator and gas connection point in the rear right side of your BBQ unit (in cart mounted models, remove the rear panel from the BBQ cart to gain access).
2. Attach a 1/2" FPT x 1/2" MPT (male-to-female) elbow to the regulator.
3. Attach a 1/2" MPT x 3/8" ODF (compression flare fitting) reducer to the elbow in order to connect to the LP tank regulator / hose assembly.



TYPICAL ARTISAN BBQ (36"
MODEL SHOWN)



NOTE:

Locations marked with a star (☆) are areas of the piping that **MUST** be leaked checked after every connection.

LP CYLINDER CART MOUNTING:

To install the LP cylinder in cart mounted grills, follow these steps:

- Open the door and pull out the cart LP cylinder tray to its full extended position.
- Loosen the LP Cylinder fastener knob.
- Insert the LP Cylinder vertically on the tray opening.
- Tighten the fastening knob until the cylinder is held securely.



TANK RETENTION POINTS:

The standard 20 Lbs. (5 Gallons) LP tank rests on the center of the tank tray and it is retained in place (preventing the tank from tipping sideways) by the locking screw that secures the bottom ring of the LP tank.

LP REGULATOR HOSE ASSEMBLY RETENTION:

In addition to retaining the LP tank, it is also required to properly support the LP Regulator / Hose Assembly and prevent the unit from falling to the ground during LP tank exchanges as per ANSI Z21.58 regulations.

For this purpose, when installing the included LP Regulator and Hose Assembly, fasten the assembly to the cart unit with the included cart lanyard. (see previous diagram)

NOTE:

LP Tank cylinders of different brands are made of different materials as well as features. Other LP cylinders may be used with this appliance provided that they are compatible with the retention means as shown on the illustration above, while utilizing the same cylinder retention means and the same points of contact between the cylinder and the retention means.

The LP Gas Supply Cylinder to be used must be:

1. Constructed and marked in accordance with the Specifications for LP gas Cylinders of the U.S. Department of Transportation (**DOT**) or **CSA B339**, as applicable;
2. Provided with a listed overfilling prevention device; and
3. Provided with a cylinder connection device compatible with the connection for outdoor cooking appliance (Type **QCC1** connection)

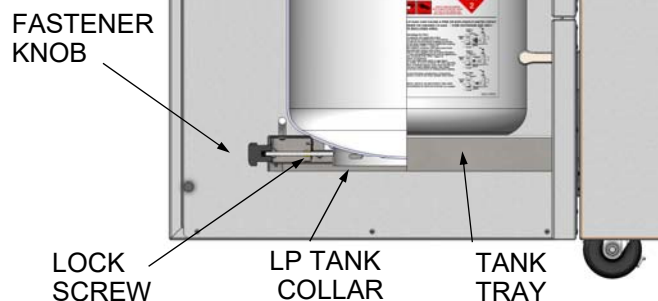
LEAK TESTING LP TANK CONNECTIONS:

BEFORE TESTING:

- Make sure all the grill control knobs are in the **OFF** position.
- Do not smoke while leak testing.
- Never leak test with an open flame.
- Make a soap solution of one part liquid detergent and one part water for leak testing purposes.
- Always check with a full cylinder.

TO TEST:

- Apply the solution to the gas fittings marked with a star (☼) on the previous page by using a spray bottle, or a brush to spread the solution.
- Turn the gas supply (LP Tank valve) to the **OPEN** position..
- Check all connections from the LP cylinder up to and including the manifold pipe assembly.
- Soap bubbles will appear is a leak is present.
- If a leak is present, immediately turn **CLOSE** the LP Tank valve, tighten any leaking fittings, turn the gas supply back **ON** and RECHECK again.
- If you cannot stop a gas leak **CLOSE** the LP Tank valve and call your dealer where you purchased your grill.
- Do not use the grill until all connections have been checked and do not leak.



ALWAYS CHECK FOR LEAKS AFTER EVERY LP TANK CHANGE.

IMPORTANT INFORMATION:

Check all gas supply fittings for leaks before each use. It is handy to keep a spray bottle of soapy water near the shut-off valve of the gas supply line. Spray all the fittings. Bubbles indicate leaks.

If the outdoor cooking gas appliance is not in use, the gas shall be turned off at the supply cylinder. An outdoor cooking gas appliance may be stored indoors only if the cylinder is disconnected and removed from the outdoor cooking gas appliance.

Cylinders shall be stored outdoors out of the reach of children and shall not be stored in a building, garage, or any other enclosed area.

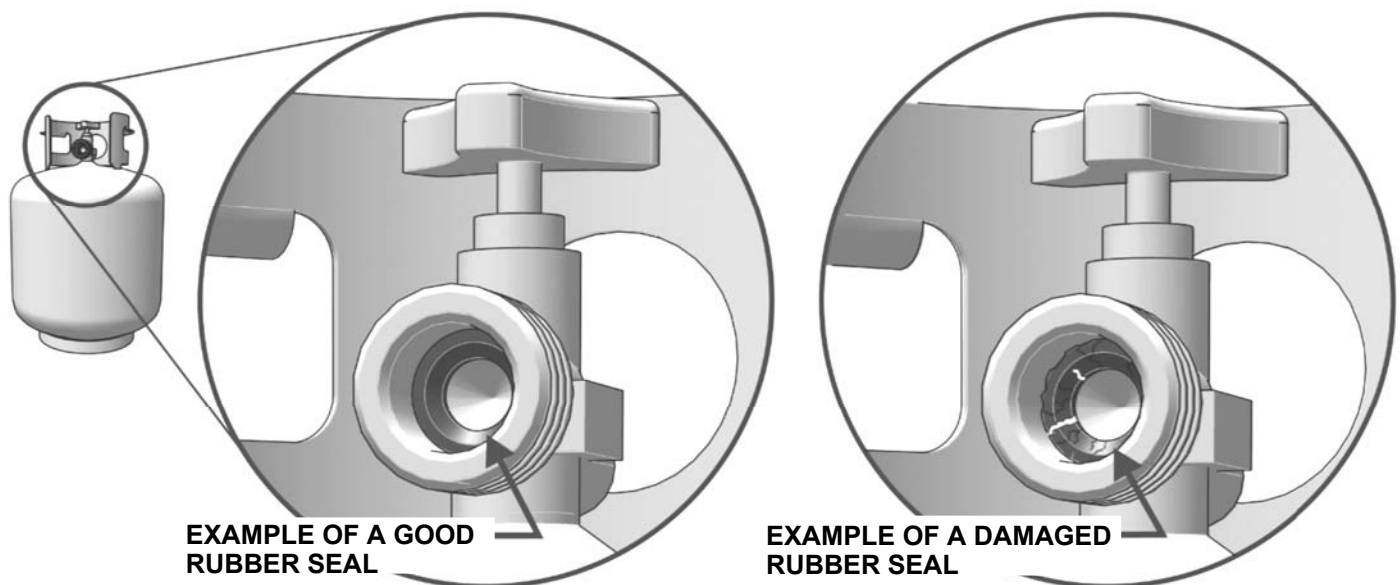
The LP gas cylinder used shall include a collar to protect the cylinder valve.

- Do not store a spare LP gas cylinder under or near this appliance.
- Never fill the cylinder beyond 80% full.
- If the information above is not followed exactly, a fire causing death or serious injury could occur.

This outdoor cooking gas appliance is designed to use a **CGA 791** connection. Place a dust cap on the LP cylinder valve outlet whenever the cylinder is not in use. Only install the type of dust cap on the cylinder valve outlet that is provided with the cylinder valve. Other types of caps or plugs may result in leakage of propane.

The LP gas cylinder face elastomeric face seal element (O-Ring) on these devices could, over time, show marked and visible damage or deterioration that might cause a leak even with the connection tightened.

A visual inspection for the seal must be carried out every time a LP gas cylinder is replaced or refilled; any LP gas cylinder showing signs of damage or deterioration as those illustrated below, including visible cracks and pitting, must be returned unused to the LP gas cylinder seller.



CART-MOUNTED LP GAS CONNECTION TO AN LP FIXED FUEL SYSTEMS:

An LP Fixed Fuel System is one with a large central LP tank that feeds the entire household. Those systems are normally equipped with a high pressure regulator by the large LP tank and low pressure regulators close to the home.

For this type of installation:

- **DO NOT** use the LP small tank regulator supplied with the unit (such as the one shown on page 12 with a **QCC1** type connection).

- Connect the gas line for this type of installation directly to the unit's convertible gas pressure regulator (see page 10) through the back panel of the cart assembly in similar fashion as a typical NG gas connection (see page 17) using a flexible hose connected to a required gas shut-off valve.
- **NOTE:** The convertible gas pressure regulator must be set for LP gas. (The factory pre-sets the regulator in LP units).

All rigid pipes, semi-flexible tubing and connectors must comply with the *Standard for Connectors for Outdoor Gas Appliances and Manufactured Homes*, **ANSI Z21.75** and **CAS 6.27**, and suitable for outside installation. The maximum length of the connection must be 6 Ft. (1.82 m)

INFORMATION FOR LP FIXED FUEL SYSTEMS TESTING:

- The outdoor cooking 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 in excess of 1/2 psi (3.5 kPa)
- The outdoor cooking 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 1/2 psi (3.5 kPa).

BUILT-IN OUTDOOR COOKING GAS APPLIANCE MODELS:

- ***THIS OUTDOOR COOKING GAS APPLIANCE MUST NOT BE USED UNDER OVERHEAD COMBUSTIBLE CONSTRUCTION.***
- ***IF INSTALLED UNDER OVERHEAD COMBUSTIBLE CONSTRUCTION, THE APPLIANCE MUST BE INSTALLED IN CONJUNCTION WITH A SUITABLE UL-710 OR ULC-S646 APPROVED HEAVY DUTY VENT HOOD ONLY. THE VENT HOOD MUST BE PLACED IN OPERATION DURING OPERATION OF THE APPLIANCE.***

The built-in enclosure should be properly constructed with a typical average industry height of 36", a width of no less than 6" wider than the appliance overall width and a minimum depth as specified in the specification sheet of this outdoor cooking gas appliance.

Please consult local building codes and requirements. Specification sheets are available with your retailer, or contact Artisan™ Grills or go to www.alfrescogrills.com

The built-in enclosure should be built of the appropriate non-combustible materials such as granite, stone brick, cement, etc and metal framing components whenever possible.

The outdoor cooking appliance should never be operated while on top of combustible countertops such as, Formica®, Corian®, Azure®, Quartz Composite materials including wood, laminates, wood composites nor countertops with combustible materials, binders or components including finishes such as oils, lacquer, varnish, shellac, paints or other combustible finishes.

This appliance is only for installation in a built-in enclosure of non-combustible materials. If the appliance is to be installed in a built-in enclosure of combustible materials, it **MUST** be installed with an insulating jacket for zero clearance installation as specified in the serial plate of this appliance shown on page 3 of this care and use manual.

OVERHEAD CONSTRUCTION PROTECTION AND EXHAUST REMOVAL:

IMPORTANT: Never install the grill under unprotected combustible construction.

If install under any type of combustible construction, the use of an approved exhaust hood **is required**. The exhaust hood provides the required protection for overhead unprotected combustible construction.

ADDITIONALLY, THE REQUIRED EXHAUST HOOD SHOULD BE:

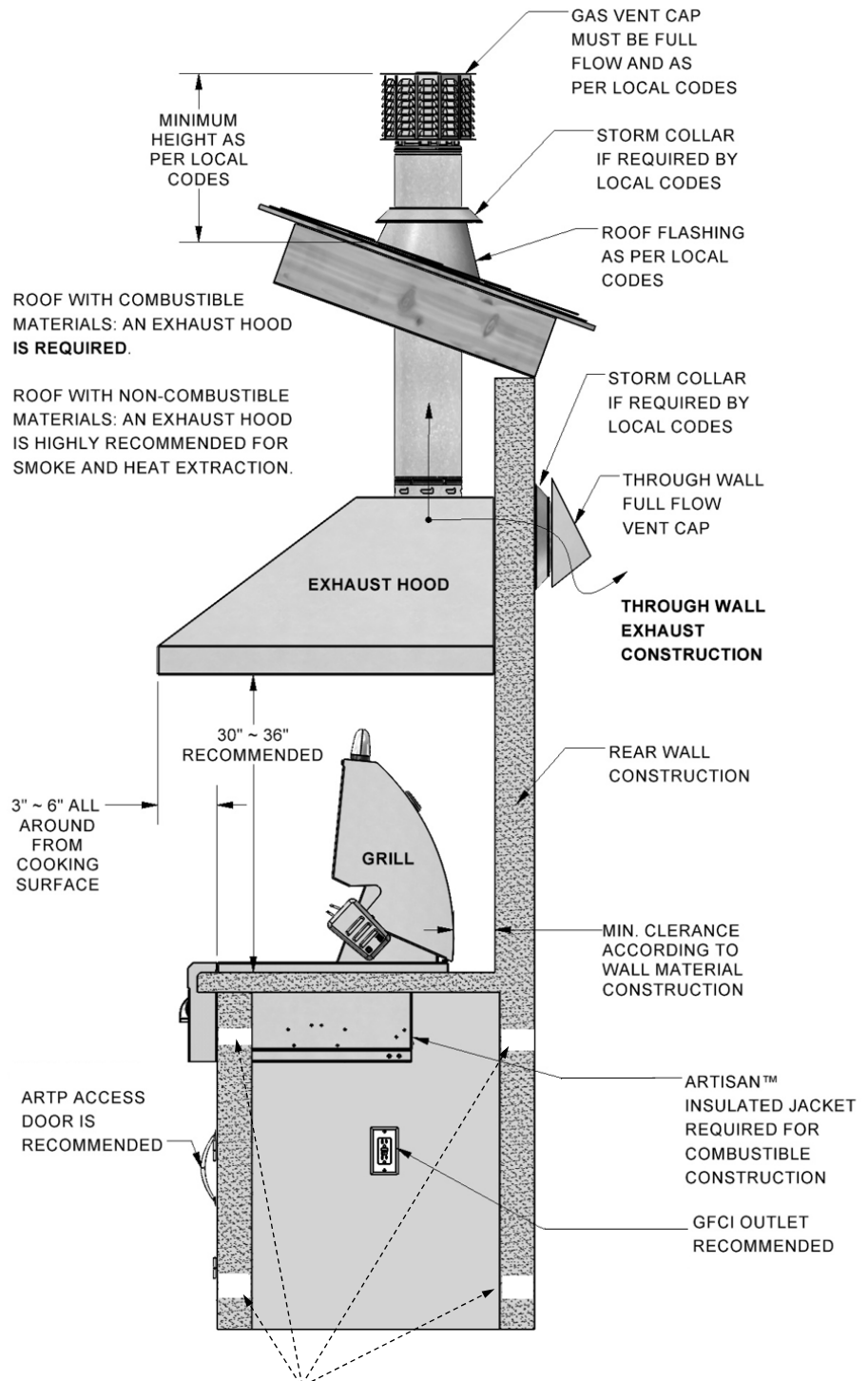
- UL-710 or ULC-S646 approved Type I Hood for this application.
- Rated for outdoor use.
- Installed according to the manufacturer's instructions.
- Have it's own GFCI protected branch circuit power supply.
- Have a minimum airflow of **1200 CFM's** for baffled filtered hoods or **900 CFM's** for non-baffled filtered hoods.
- Installed at a least 30" over the cooking surface.
- Hood intake area should be at least 3" ~ 6" bigger (side to side and front to back) than the grill's cooking surface area.

NOTE:

Heavy and fast rising smoke is a challenging situation for any exhaust hood or vent system.

Constant wind or wind drafts will also affect the ability of the exhaust hood to catch smoke during operation.

If the BBQ grill is located in a consistently windy area such as near the ocean side, large lakes or on a hillside property, a wind-break type of construction may be required for proper operation.



TOP AND BOTTOM VENTILATION AS PER ANSI Z21.58 CLAUSE 4.6

VENTILATION ACCORDING TO LP ENCLOSURES SHOWN ON PAGE (18) ALSO REQUIRED FOR NG SYTEMS.

BUILT-IN APPLIANCES GAS CONNECTION - NATURAL GAS (NG)

NEVER CONNECT THE GRILL TO AN UNREGULATED GAS SUPPLY.

Before proceeding, ensure the unit is fitted for natural gas (regulator settings as well as orifices). Connecting to an improper gas type will result in poor performance and increased risk of damage or injury. Installation of this cooking appliance must be made in accordance with local codes. In the absence of local codes, this unit should be installed in accordance with the *National Fuel Gas Code No. Z223.1/ NFPA 54*, *Natural Gas and Propane Installation code CSA B149-1*, or *Propane Storage and Handling Code B149.2*.

NATURAL GAS CONNECTION:

Ensure that the service pipe supplying the Grill is fitted with a shut off valve conveniently positioned and easily accessible as an emergency gas shutoff.

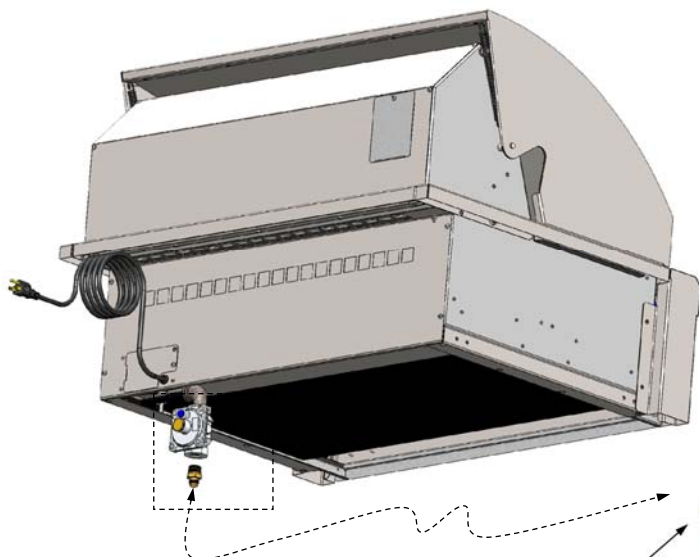
Your Artisan™ Grill for use with natural gas comes equipped with its own regulator which **MUST NOT** be removed. If this regulator needs to be replaced use only the type specified by Artisan™ Grill for this appliance.

To connect the regulator and flex hose assembly follow the next steps:

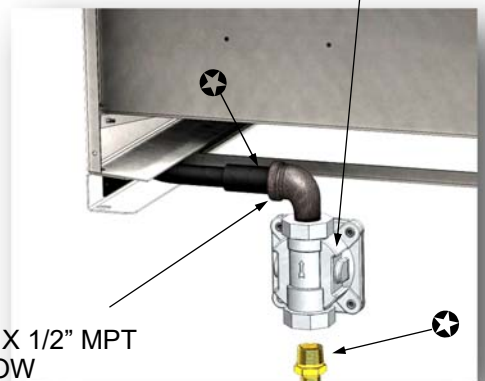
1. Locate the regulator and gas connection point in the rear right side of your BBQ unit
2. Attach a 1/2" FPT x 1/2" MPT (male-to-female) elbow to the regulator (see diagram below).
3. Attach a 1/2" MPT x 1/2" ODF (compression flare fitting) connected to the elbow.
4. Connect to gas supply using a 1/2" Ø minimum flexible (semi-rigid) stainless steel gas hose.

The hose as well as the connectors must comply with the *Standard for Connectors for Outdoor Gas Appliances and Manufactured Homes, ANSI Z21.75* and *CAS 6.27*.

TYPICAL ARTISAN BBQ (36" MODEL SHOWN)



CONVERTIBLE GAS PRESSURE REGULATOR



1/2" FPT X 1/2" MPT 90° ELBOW

1/2" FPT X 3/8" FLARE BRASS FITTING

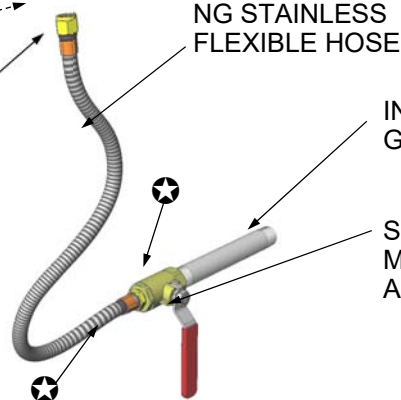
NG STAINLESS FLEXIBLE HOSE

INCOMING NG GAS SUPPLY

SHUT OFF HAND VALVE MUST BE LOCATED IN ACCESSIBLE AREA

NOTE:

Locations marked with a star (☆) are areas of the piping that **MUST** be leaked checked after every connection.



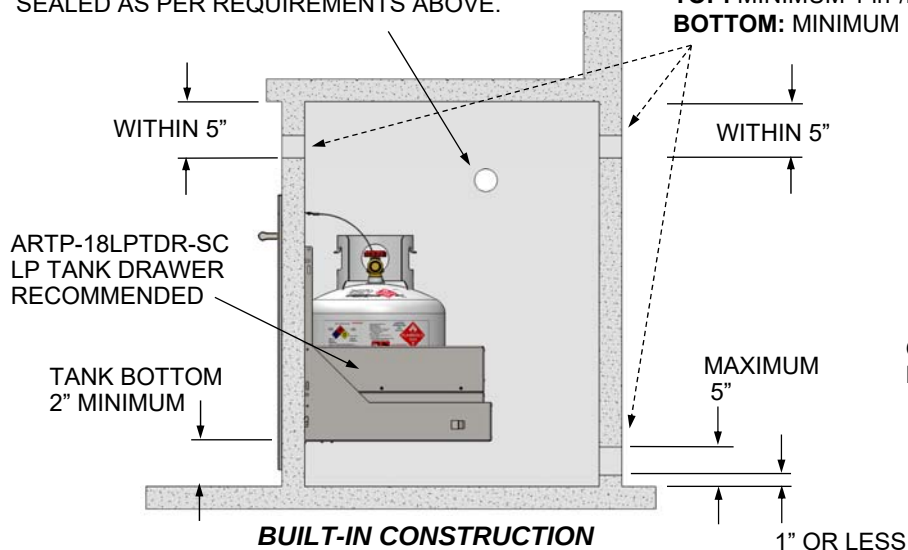
BUILT-IN APPLIANCES GAS CONNECTION - LP CYLINDER ENCLOSURES

When the outdoor cooking gas appliance is installed in a built in enclosure that requires the use of LP by means of a gas cylinder, the use of the gas appliance tank drawer ARTP-18LPTDR-SC is highly recommended. Refer to the ARTP-18LPTDR-SC specification sheet for installation.

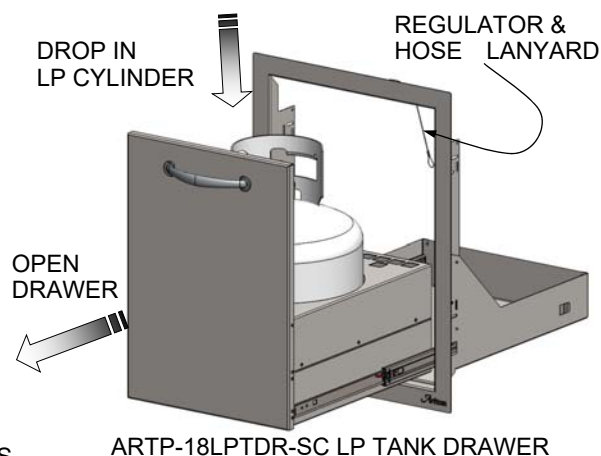
The construction requirements for an LP-cylinder enclosure, should be such that the resultant construction complies with the requirements of **ANSI Z21.58 - 2022 Clause 4.6**

CAUTION THE ABOVE CODE IS THE MINIMUM. MORE VENTILATION IS RECOMMENDED AS IS ALWAYS SAFER.

BUILT-IN CONNECTION PASS THROUGH SEALED AS PER REQUIREMENTS ABOVE.



TOP AND BOTTOM VENTILATION AS PER ANSI Z21.58 CLAUSE 4.6
AT LEAST ONE VENT (UNOBSTRUCTED) TO EXTERIOR OF ENCLOSURE
TOP: MINIMUM 1 in²/lb (14.2 cm²/ kg) FUEL CAPACITY
BOTTOM: MINIMUM 1/2 in²/lb (7.1 cm²/ kg) FUEL CAPACITY



TANK RETENTION POINTS:

When the ARTP-18LPTDR-SC cylinder gas drawer is installed in the built-in construction, the typical standard 20 Lbs. (5 Gallons) LP cylinder rests on the center of the tank tray and it is retained in place (preventing the tank from tipping sideways) by the design of the drawer itself. The cylinder can rotate freely but can't fall out of the drawer tray or tip over.

LP REGULATOR HOSE ASSEMBLY RETENTION:

In addition to retaining the LP tank, it is also required to properly support the LP Regulator / Hose Assembly and prevent the unit from falling to the ground during LP tank exchanges as per ANSI Z21.58 regulations. For this purpose, when installing the included LP Regulator and Hose Assembly, fasten the assembly to the ARTP-18LPTDR-SC frame with the included Regulator & Hose lanyard.

ENCLOSURES FOR BUILT-IN GRILLS WITH REMOTE LP GAS SUPPLY SYSTEM

An enclosure for built in grills with remote LP gas supply systems shall be ventilated by openings at both the upper and lower levels of the enclosure. Ventilation shall be accomplished by one of the following:

- One side of the enclosure, other than the front, shall be completely open, or
- For an enclosure having four sides, a top, and a bottom:
 - At least one ventilation opening shall be provided on the exposed exterior side of the enclosure located within 5 in (127mm) of the top of the enclosure and unobstructed. The opening's shall have a total free area of not less than 3 in² per 1000 Btu/h (293 W) of the largest single burner capacity.
 - At least one ventilation opening shall be provided on the exposed, exterior side of the enclosure 1 in (25.4 mm) or less from the floor level and shall have a total free area of not less than 3 in² per 1000 Btu/h (293 W) of the largest single burner capacity. The upper edge shall be no more than 5 in (127 mm) above the floor level.

- Every opening shall have a minimum dimension so as to permit the entrance of a 3/16 in (4.8 mm) rod.
- Ventilation openings shall not communicate directly with other compartments of the enclosure and,
- Ventilation openings shall not be located in front of the appliance above floor level.

BUILT-IN APPLIANCE LP GAS CONNECTION TO A REMOTE LP GAS SUPPLY SYSTEMS:

A remote LP Fuel System is one with a large central LP tank that feeds the entire household. Those systems are normally equipped with a high pressure regulator by the large LP tank and low pressure regulators close to the home.

For this type of installation:

- **DO NOT** use the LP small tank regulator supplied with the unit (such as the one shown on page 10 with a **QCC1** type connection).
- Connect the gas line for this type of installation directly to the unit's convertible gas pressure regulator in similar fashion as a typical NG gas connection (See page 17) using a flexible hose connected to a required gas shut-off valve.
- **NOTE:** The convertible gas pressure regulator must be set for LP gas. (The factory pre-sets the regulator in LP units).
- The connectors used shall be the those provided with this appliance or those specified on page 6 of this manual. Such rigid pipes, semi-flexible tubing and connectors must comply with the *Standard for Connectors for Outdoor Gas Appliances and Manufactured Homes*, **ANSI Z21.75** and **CAS 6.27**, and suitable for outside installation. The maximum length of the connection must be 6 Ft. (1.82 m)
- The connector and primary shut-off valve should be accessible through door opening in the built-in enclosure.
- All the rigid pipes, flexible tubing or gas connectors should be as short as possible in order to be self supporting, otherwise they must be supported by mechanical means (ie: enclosure framing plus additional pipe support straps or clamps) in order to minimize vibration.
- All the rigid pipes, flexible tubing or gas connectors must be protected as they pass through openings in the compartment of the built-in enclosure according to ANSI Z21.58 2022 Clause 4.6

For all other types of rigid pipe, semi-rigid tubing, and/or connectors available to connect an appliance to a fixed fuel piping system that can be obtained at plumbing stores, supply warehouses or home centers, the connection must be made with by the use of a rigid pipe, semi-rigid tubing, and/or connectors that comply with **ANSI Z21.75** and **CSA 6.27** standards.

BUILT-IN APPLIANCE INFORMATION FOR A REMOTE LP FUEL SUPPLY SYSTEMS TESTING:

When the Outdoor Cooking Gas Appliance is meant to be used with other than self contained LP gas supply systems the following information should be taken into consideration during testing:

- The outdoor cooking 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 in excess of 1/2 psi (3.5 kPa)
- The outdoor cooking 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 1/2 psi (3.5 kPa).

ELECTRICAL CONNECTIONS - LINE VOLTAGE

This Outdoor Cooking Gas Appliance has been tested in accordance with: **ANSI Z21.58-2022** and **CSA 1.6-2022**, *The Standard for Outdoor Cooking Gas Appliances*.

Please follow this instructions for your safety:

- a) To protect against electric shock, do not immerse cord or plugs in water or other liquid.
- b) Unplug from the outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts.
- c) Do not operate any outdoor cooking gas appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner. Contact Artisan™ Grills for repair.
- d) Do not let the cord hang over the edge of a table or touch hot surfaces.
- e) Do not use an outdoor cooking gas appliance for purposes other than intended.
- f) When connecting, first connect plug to the outdoor cooking gas appliance then plug appliance into the outlet.
- g) Use only a Ground Fault Interrupter (GFI) protected circuit with this outdoor cooking gas appliance.
- h) Never remove the grounding plug or use with an adapter of two prongs.
- i) Use only extension cords with a three-prong grounding plug, rated for the power of the equipment, and approved for outdoor use with a W-A marking

WARNINGS:

- If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.
- Do not try lighting this appliance without reading the **LIGHTING INSTRUCTIONS** section of this manual. For outdoor use only.
- This cooking appliance is not intended to be installed in or on recreational vehicles and / or boats.

BEFORE USING THE GRILL:

- Ensure that the grill has been leak tested. (see page 5 and 15)
- Remove any packing material.
- Read and understand the instructions in this manual.
- Electric power supply must be plugged-in at all times for barbecue operation; except during any electrical maintenance.

NOTES CONCERNING GFCI USE AND LOCATION:

1. Do not attempt to circumvent using a GFCI receptacle, it is for your safety.
2. Ensure that the GFCI receptacle is located in an easily accessed location.
3. Follow the manufacturer's instructions for installation and testing (must comply with local and national codes).



WARNING

ELECTRICAL PARTS AND COMPONENTS
DISCONNECT ALL POWER SUPPLIES AND BATTERIES BEFORE SERVICING.



AVERTISSEMENT

PIÈCES ÉLECTRIQUES ET COMPOSANTS.
DÉBRANCHER TOUS LES BLOCS D'ALIMENTATION ET LES PILES AVANT DE LES RÉPARER.



WARNING

FLAMMABLE GAS

DISCONNECT ALL PROPANE OR NATURAL GAS SUPPLIES TO THIS UNIT BEFORE SERVICING.



AVERTISSEMENT

GAZ INFLAMMABLE

DÉBRANCHER TOUS LES GAZ PROPANE OU GAZ NATUREL DE CET APPAREIL AVANT DE PROCÉDER À L'ENTRETIEN.



WARNING

FOR OUTDOOR USE ONLY

NOT TO BE INSTALLED IN OR ON RECREATIONAL VEHICLES AND / OR BOATS.



AVERTISSEMENT

POUR UTILISATION À L'EXTÉRIEUR

NE PAS ÊTRE INSTALLÉ DANS OU SUR DES VÉHICULES RÉCRÉATIFS ET / OU DES BATEAUX.



WARNING

NEVER USE A DENTED OR RUSTED LIQUID PROPANE TANK.

SHUT OFF TANK WHEN NOT IN USE.



AVERTISSEMENT

N'UTILISEZ JAMAIS DE RÉSERVOIR DE PROPANE LIQUIDE BOSSELÉ OU ROUILLÉ. ÉTEINDRE LE RÉSERVOIR LORSQU'IL N'EST PAS UTILISÉ.



WARNING

DO NOT ATTEMPT TO LIGHT THE GRILL IF THE ODOR OF GAS IS PRESENT.



AVERTISSEMENT

N'ESSAYEZ PAS D'ALLUMER LE GRIL SI L'ODEUR DE GAZ EST PRÉSENTE.



CAUTION

CYLINDERS MUST BE STORED OUTDOORS IN A WELL VENTILATED AREA OUT OF THE REACH OF CHILDREN.

DISCONNECTED LP CYLINDERS MUST HAVE THREADED VALVE PLUGS TIGHTLY INSTALLED, AND MUST NOT BE STORED IN A BUILDING, GARAGE OR ANY OTHER ENCLOSED AREA. THE GAS MUST BE TURNED OFF AT THE SUPPLY CYLINDER WHEN THE UNIT IS NOT IN USE. IF THE APPLIANCE IS STORED INDOORS, THE CYLINDER MUST BE DISCONNECTED AND REMOVED FROM THE APPLIANCE.



WARNING

YOUR ARTISAN™ GRILL'S PRESSURE REGULATOR HAS A **MAXIMUM INPUT PRESSURE OF 14" WC.** (OR APPROX. .5 PSI) , AND A **SAFETY LIMIT OF 69" WC.** (2.5 PSI).



AVERTISSEMENT

VOTRE RÉGULATEUR DE PRESSION ARTISAN GRILLADES A **UNE PRES-SION D'ENTRÉE MAXIMALE DE 14" WC** (OU ENVIRON 0,5 PSI), ET **UNE LIMITE DE SÉCURITÉ DE 69" WC** (2,5 PSI).



MISE EN GARDE

LE CYLINDRE DOIT ÊTRE STOCKÉ À L'EXTÉRIEUR DANS UN ENDROIT BIEN VENTILÉ ET HORS DE LA POR-TÉE DES ENFANTS.

DÉBRANCHER LES BOUTEILLES DE LP DOIVENT AVOIR DES BOUCHONS DE VALEUR VISSÉS HERMÉTIQUEMENT INSTAL-LÉS, ET NE DOIVENT PAS ÊTRE STOCKÉS DANS UN BÂTI-MENT, GARAGE OU TOUT AUTRE ESPACE FERMÉ. LE GAZ DOIT ÊTRE ARRÊTÉ AU NIVEAU DU CYLINDRE D'ALIMENTA-TION LORSQUE L'APPAREIL N'EST PAS UTILISÉ. SI L'APPA-REIL EST ENTREPOSÉ À L'INTÉRIEUR, LE CYLINDRE DOIT ÊTRE DÉBRANCHÉ ET RETIRÉ DE L'APPAREIL.



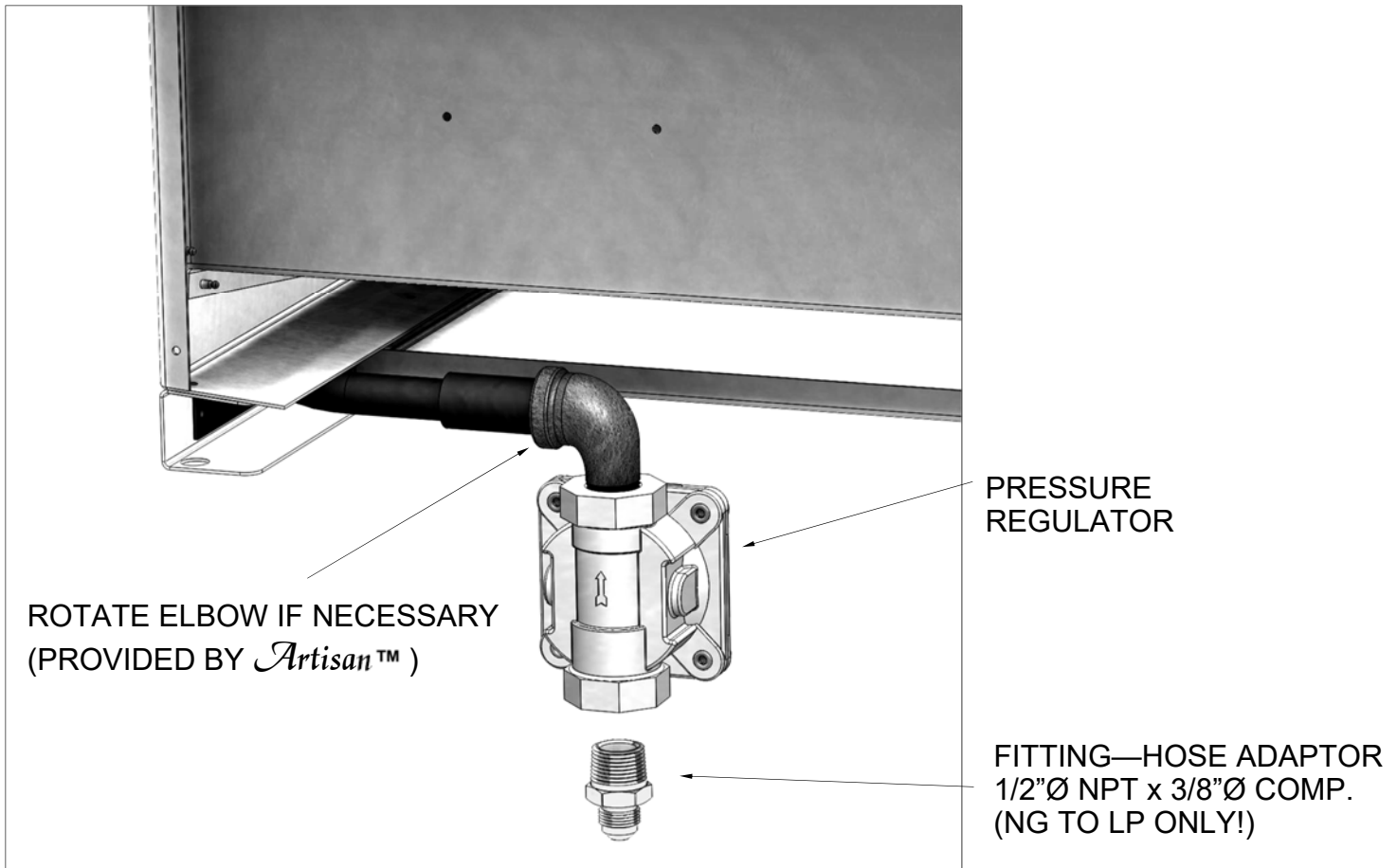
REGULATOR NOTICE

Exposure to pressures above the safety limit of 69" WC. will permanently damage the gas regulator requiring a replacement.

OVER PRESSURE DAMAGE IS NOT COV-ERED BY YOUR ARTISAN WARRANTY

REGULATOR SUPPLY CONVERSION:

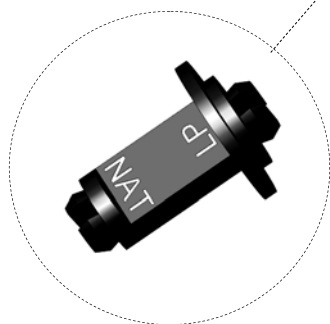
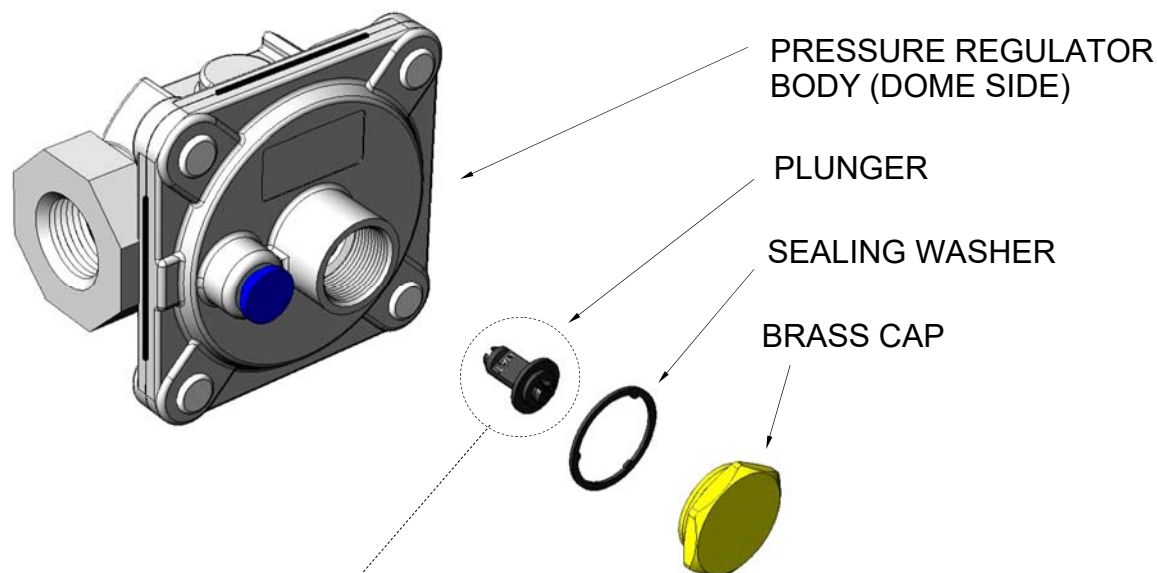
Attach inlet elbow (1/2" Ø black pipe elbow) to gas manifold (see illustration below). Locate and attach the hose regulator with 1/2" x 3/8 nipple (fitting hose adaptor) using gas approved gas plumbing seal of yellow Teflon® tape. (This step only applies to NG to LP conversion).



PRESSURE ADJUSTMENT: (MAXITROL™ UNITS ONLY)

- 1— To convert the Maxitrol™ pressure regulator from NG to LP (or vice-versa) , remove the brass cap located on the large round dome of the regulator body. The cap has a sealing washer; do not lose or damage this sealing washer as it is required for a gas tight seal. (see illustration on page 12)
- 2— Located on the cap is also a black plastic plunger. This plunger provides the correct pressure to a spring located inside the body of the regulator. It is necessary to **reverse** the direction of the plunger so it provides the right amount of pressure to the spring inside the body of the regulator. To **reverse** the plunger pull it out of the brass cap by pushing it sideways until it snaps and pops out.
- 3— The plunger is labeled "NAT" or "LP" for natural gas or liquid propane. (see illustration on page 12). The regulator is set to the correct pressure according to the way the plunger faces the regulator body. If the plunger label reads "NAT" towards the body of the regulator , it will be set for natural gas. If it reads "LP" it will be set for liquid propane.

Pressure Regulators cont.



PLUNGER DETAIL:

The regulator plunger is labeled “NAT” for Natural gas or “LP” for liquid propane. (The “LP” side has a wide disk on the end.) The side facing the body of the regulator determines what use is the regulator set for.

Example: The image above is showing a regulator set for natural gas.

- 4— Once the regulator plunger has been reversed for it's appropriate use and snapped back into the brass cap, re-install the cap with the sealing washer back into the body or the regulator. The regulator pressure conversion is complete.

LEAK TESTING:

GENERAL:

Although all gas connections on your *Artisan™* Grill are leak tested at the factory prior to shipment, a complete gas tightness check must be performed at the installation site due to possible mishandling in shipment, or excessive pressure unknowingly being applied to the unit.

Periodically check the whole system for leaks, or immediately check if the smell of gas is detected.

BEFORE TESTING:

- Make sure that all packing material is removed from the grill.
- Make sure the burner tie-down straps are removed from the unit.
- Do not smoke while leak testing.
- Never leak test with an open flame.
- Make a soap solution of one part liquid detergent and one part water for leak testing purposes.
- Apply the solution to the gas fittings by using a spray bottle, or brush.
- For LP units, always check with a full cylinder.

SAFETY PRACTICES TO AVOID PERSONAL INJURY

READ THIS CARE AND USE MANUAL CAREFULLY AND COMPLETELY BEFORE USING YOUR GRILL TO REDUCE THE RISK OF FIRE, BURN HAZARD OR OTHER INJURY. KEEP THIS MANUAL FOR FUTURE REFERENCE.

When properly cared for, your *Artisan*™ Grill will give safe, reliable service for many years. However, extreme care must be used since the grill produces intense heat, which can increase accident potential. When using this appliance, basic safety practices must be followed, including but not limited to the following:

- Begin by ensuring proper assembly. A qualified technician should perform all other service.
- All other service should be referred to and performed by a qualified technician.
- For personal safety, wear proper apparel while barbecuing.
- Loose fitting garments or sleeves should never be worn while using this appliance.
- Some synthetic fabrics are highly flammable and should not be worn while cooking.
- Never let clothing, pot holders or other flammable materials come in contact with or too close to any grate, burner or hot surface until it has cooled down sufficiently. Fabrics may ignite and result in personal injury.
- Use only dry potholders: moist or damp potholders on hot surfaces may cause personal burns from steam. Do not use a towel or bulky cloth in place of potholders. Do not let potholders touch hot portions of the grill rack.
- Only certain types of glass, heatproof glass ceramic, earthenware, or other glazed utensils are suitable for grill use. These types of materials may break with sudden temperature changes. Use only on low or medium heat settings and according to their manufacturer's directions.
- Grease is flammable. Let hot grease cool before attempting to handle it.
- Avoid letting grease deposits collect in the bottom of the grill by cleaning the grease tray often. Never while grill is on or hot from recent use; pan will not come out.
- Do not use aluminum foil to line the grill racks, nor to line the drip tray. This can severely upset combustion airflow or trap excessive heat in the control area. The result of this can be melted knobs, igniters and increased chance of personal injury. Never grill without the drip pan in place and pushed all the way to the back of the grill. Without the drip pan, hot grease can leak downward creating a fire or explosion hazard.
- Children should not be left alone or unattended in an area where the grill is being used. Never allow them to sit, stand or play on or around the grill. Do not store items of interest to children around or below the grill or in the cart. Never allow children to crawl inside of the cart.
- Do not heat unopened food containers that may cause the container to build-up pressure and burst.
- Protect your hand when opening a hot grill lid. Never lean over an open hot grill.
- When lighting a burner, always pay close attention to what you are doing. Be certain you are depressing the correct button, labeled for the igniter.
- When using the grill: do not touch the grill rack, burner grate, hood or immediate surrounding area as these areas become extremely hot and could cause burns. Use only the handles and knobs provided for operation of the grill.
- For proper lighting and performance of the burners keep the ports clean. It is necessary to clean them periodically for optimum performance. The burners will only operate in one position and must be mounted correctly for safe operation.

- Clean the grill with caution. Avoid steam burns; do not use a wet sponge or cloth to clean the grill while it is hot. Some cleaners produce noxious fumes or can ignite when applied to a hot surface.
 - **INSECT WARNING:** Spiders and insects can nest in the burners of this and other grills, and cause the gas to flow from the front of the burner. This is a very dangerous condition, which can cause a fire to occur behind the valve panel, thereby damaging the grill and making it unsafe to operate. Inspect the grill at least twice a year.
 - Be sure all grill controls are turned off and the grill is cool before using any type of aerosol cleaner on or around the grill. The chemical that produces the spraying action could, in the presence of heat, ignite or cause metal parts to corrode.
 - Do not use this appliance under overhead combustible surfaces. Use only in well ventilated areas. Do not use in buildings, garages, sheds, breezeways or any enclosed areas.
 - Keep the area surrounding the grill free from combustible materials, trash, or combustible fluids and vapors such as gasoline or charcoal lighter fluid. Do not obstruct the flow of combustion gases and ventilation airways.
 - Keep the back of the cart free and clear from debris.
 - If the unit is stored indoors ensure that it is cool. If propane is used, the cylinder must be unhooked and the propane cylinder stored outside in a well-ventilated area, out of reach of children.
 - Never use the grill in windy conditions. If located in a consistently windy area, oceanfront, mountaintop, etc... a windbreak will be required. Always adhere to the specified clearances.
 - Keep any electrical supply cord, away from the heated areas of the grill.
 - Do not use the grill for cooking excessively fatty meats or products, which promote flare-ups.
-

PREHEATING THE GRILL:

U-BURNERS:

Preheating the grill is important for best performance. To preheat the grill when cooking with the U-burners, close the hood after lighting the burners as described above. Set the grill control knobs on “HI” for 15 minutes.

IR-BURNERS:

Preheating the IR burners is important to protect them from food drippings. After lighting the IR burners as described above, allow to preheat on “ON” for four minutes before beginning to grill.

If your grill is equipped with a SEAR-ZONE™ IR BURNER, light and preheat the U-BURNERS first, then light and preheat the SEAR-ZONE™ IR BURNER.

ROTISSERIE BURNER:

Light the rotisserie burner as described in the lighting instructions. Once lit, the rotisserie burner will reach cooking temperatures in about 1 minute.

BURNER ADJUSTMENTS:

NOTE: *Artisan* grills are available with both U-burners and IR burners. The following instructions apply only to the U-burners. IR burners do not require adjustment and need only be checked visually for proper performance. On high, an IR burner should glow red evenly over its entire surface.

U-BURNER AIR ADJUSTMENT:

Each grill burner is tested and adjusted at the factory prior to shipment; however, variations in the local gas supply, elevation and other factors might make it necessary to adjust the burners. The flames of the burners should be visually checked and compared with figures on next page.

If any of these conditions exist, check if dirt, debris, spider webs, etc., are blocking the air shutter or burner ports. Proceed with air shutter adjustment.

AIR SHUTTER ADJUSTMENT:

A sheet metal cap at the inlet of the burner called the “AIR SHUTTER” regulates the amount of air that enters into the burner for combustion.

The air shutter is locked in place by a screw, which must be loosened prior to lighting the burner for adjustment. The air shutter adjustment screws are accessible with a screwdriver by removing the burner. Loosen the screw of the air shutter. Reinstall the burner. Make certain that the burners are sitting properly on the orifices taking care not to move or damage the igniter electrode.

Light the burners and adjust according to the following directions:

- Turn the valve on “HI”, light the burner and allow it to “WARM UP” for 10 minutes.
- If the flame is yellow, indicating insufficient air, turn the air shutter counter-clockwise to allow more air to the burner. *Caution, see note below.
- If the flame is noisy and tends to lift away from the burner, (*WITH THE BRIQUETTE TRAYS IN POSITION*) indicating too much air, turn the air shutter clockwise to reduce the amount of air to the burner.
- Retighten the locking screw of the air shutter cap.

***NOTE:** Be careful, as the burner may be or will become very hot after lighting it.

WARNING

NEVER ADJUST THE BURNER SO LOW THAT IT MAY GO OUT DURING USE. DO NOT OPERATE THE GRILL WITH THE LOW HEAT SCREW REMOVED.

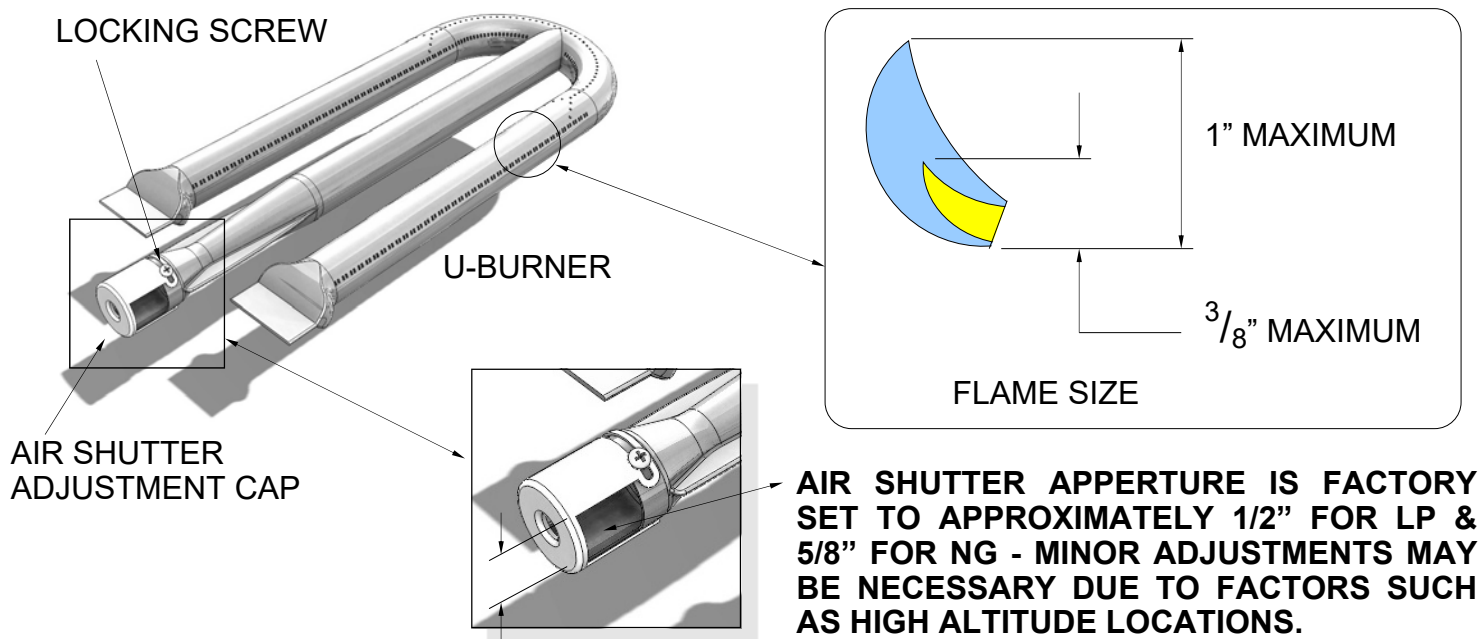
GAS CAN ESCAPE AND CAUSE A POTENTIALLY HAZARDOUS CONDITION.

AVERTISSEMENT

NE JAMAIS AJUSTER LE BRÛLEUR SI BAS QU'IL PEUT S'ÉTEINDRE PENDANT L'UTILISATION. N'UTILISEZ PAS LE GRIL AVEC LA VIS À CHALEUR BASSE RETIRÉE.

LE GAZ PEUT S'ÉCHAPPER ET PROVOQUER UNE CONDITION POTENTIELLEMENT DANGEREUSE.

Flames should be blue and stable with no yellow tips, excessive noise or lifting.



LOW HEAT SETTING ADJUSTMENT:

NOTE:

THE LOW HEAT SETTING ON YOUR GRILL IS PRESET AT THE FACTORY. ADJUST ONLY IF ALTITUDE OR ENVIRONMENTAL FACTORS ARE CAUSING POOR, LOW HEAT, PERFORMANCE.

ADJUSTMENT STEPS:

1. Follow lighting instructions by setting the control knob on "HI" and allow the burner to preheat for 10 minutes.
2. Turn the control knob to "LOW" and wait for the burner temperature to drop and stabilize.
3. **Attempting adjustment at any setting other than LOW can create a dangerous condition.**
4. Remove knob by pulling straight away from control panel.
5. Insert a small blade screwdriver into the valve stem to begin the adjustment.
6. Turn counter-clockwise to INCREASE the low heat flame while using pliers to hold the stem securely.
7. Adjust the flames so the burner is fully lit around the perimeter when the knob is in the LOW position. Once proper adjustment is reached, reattach the knob by pushing onto stem.



OPERATING THE GRILL:

U-BURNERS:

The grill burners encompass the entire cooking area and are side ported to minimize blockage from falling grease and debris.

Above the burners there are stainless steel briquette trays with ceramic briquettes. The briquette tray is a fundamental part for the performance of the grill. Do not cook on the grill without them.

Make sure the briquette tray is installed properly before lighting the burner. Each grill burner has its own igniter.

The burners are locked in the proper position within the barbeque unit by the inlet port where the valve orifice stem is located, the shutter adjustment screw notch and the rear mounting bracket at the back of the grill cavity.

USING THE GRILL:

Grilling requires high heat for searing and proper browning. Most foods are cooked at the “HI” heat setting for the entire cooking time. However, when grilling large pieces of meat or poultry, it may be necessary to turn the heat to a lower setting after the initial browning. This method will cook the food through without burning the outside. Foods cooked for a long time or basted with a sugary marinade may need a lower heat setting near the end of the cooking time.

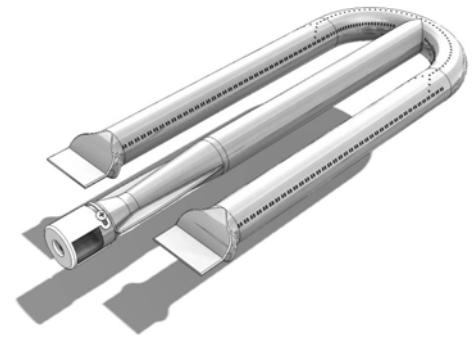
NOTE: The hot grill sears the food, sealing in the juices. The longer the preheat period, the faster the meat browns and the darker the sear marks. Place the food on the grill and cook to the desired brown level. Adjust heat setting, if necessary. The control knob may be set to any position between “HI” and “LOW”. **DO NOT** leave the grill unattended while cooking.

SEAR-ZONE™ - IR BURNERS:

An IR grill works by producing intense heat which quickly sears the meat. Searing locks in flavor and juices while allowing the outer surface to absorb smoke and food aroma that is produced as grease and drippings are vaporized by the burner. The result is a crisp, flavorful outside with a tender, juicy inside. Just the result you want with most grilled foods. Sear-Zone™ burners are located in their proper position by the inlet port and the rear bracket support of the burner area.

USING THE GRILL:

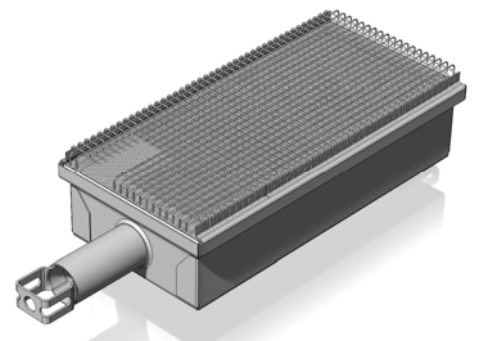
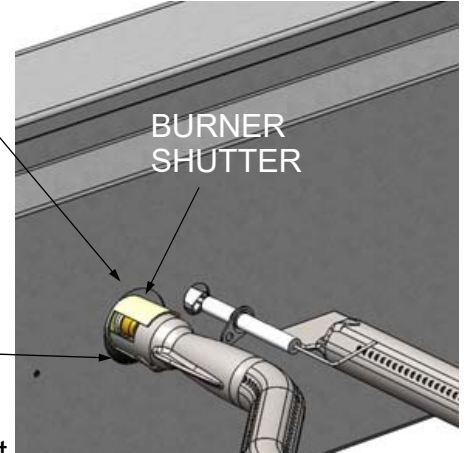
Grilling requires high heat for searing and proper browning. The intense infrared heat produced by your *Artisan*™ Grill meets these requirements perfectly. Meat is cooked evenly throughout, while juices grease and food particles are vaporized upon contact with the burner, giving added flavor to your food.



INLET PORT

BURNER SHUTTER

LOCATING NOTCH



NOTE: The hot grill sears the food, sealing in the juices. Proper preheating browns the meat and produces darker sear marks. Place the food on the grill and sear both sides as recommended on the “Infrared Grilling Tips” section on page 30. **DO NOT** leave the grill unattended while cooking.

ROTISSERIE BURNERS:

Your *Artisan*™ Grill is capable of performing back burner rotisserie cooking. The location of the rear burner allows the placement of the rotisserie basting pan (not included) beneath the food to collect juices and drippings for basting and gravy. To flavor the contents of the basting pan, you can add herbs, onion, garlic, or spices.

To assure that an IR burner is lit, very carefully place your hand 8-10 inches away from the burner surface. If you do not feel the heat of the burner, shut off control knob, wait five minutes, and attempt to relight.

⚠ NOTICE

AVOID WATER DAMAGE TO BURNER NEVER ALLOW WATER TO CONTACT THE IR BURNER AS DAMAGE TO THE CERAMIC PANEL WILL RESULT.

WATER DAMAGE IS NOT COVERED BY YOUR ARTISAN WARRANTY

ROTISSERIE MOTOR:

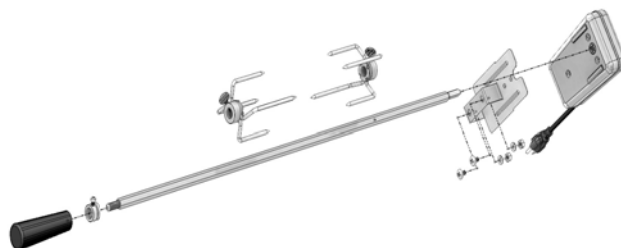
The rotisserie motor is capable of turning up to a 25 Lb. cut of meat or poultry, with a maximum diameter of 10". The rotisserie motor is electrically grounded by it's own plug, therefore the motor must be installed in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70-1990.

SKEWER:

The skewer for the rotisserie is assembled into the skewer coupler (located in the motor) by placing the pointed end into the square opening of the coupler. The other end of the skewer (round shaft end) rests in the slot in the opposite end of the barbecue.



ATTACH ROTISSERIE MOTOR TO EITHER END



To load the skewer, slide the meat holders with the prongs facing towards the center the skewer bar. Push the skewer through the center of the food, and then slide the second meat holder (prongs toward the food) onto the skewer.

Center the product to be cooked on the skewer then push the meat holders firmly together. Tighten the thumb nuts of the meat holders with pliers. It may also be necessary to wrap the food with butcher's string (never use nylon or plastic string) to secure any loose portions. Once the food is secure, insert the skewer into the coupler.

Start the motor with the switch located on the end of the motor.

ROTISSERIE BASTING PAN:

Place a pan onto the grill racks (or, if necessary, directly onto the briquettes if the grill racks are removed to accommodate large cuts of meat). This pan is required to catch drippings from the meat being cooked, preventing grease build-up on the briquettes or Sear-Zone™ IR Burner.

ROTISSERIE BASTING PAN:

⚠ NOTICE

ALWAYS USE BASTING PAN WITH ROTISSERIE TO KEEP DRIPPINGS OFF BURNERS AND BRIQUETTES.

DO NOT USE WHILE GRILLING.

ROTISSERIE GENERAL COOKING INSTRUCTIONS:

As a general rule, rotisserie cooking will take 15 ~ 20 minutes per pound of meat. Keep the hood closed as much as possible to improve performance.

INFRARED GRILLING TIPS:

Even for an experienced chef, infrared cooking can, at first, present a bit of a challenge. By following these simple tips, you will soon be producing juicier, more flavorful foods than you have ever experienced before. As a general rule, foods will cook in less time than they would take on an ordinary grill. By turning food frequently (approximately every 2 minutes), excessive charring is simply avoided.

Artisan™ RECOMMENDS THAT YOU TURN FOOD BEING GRILLED ON A SEAR ZONE™ IR-BURNER EVERY TWO MINUTES DURING THE COOKING PERIOD. NEVER ALLOW FOOD TO COOK MORE THAN 2 1/2 MINUTES WITHOUT TURNING.

SEARING IS THE KEY:

An infrared grill works by producing intense heat which quickly sears meats. Searing locks in flavor and juices while allowing the outer surface to absorb smoke and food aroma that is produced as grease and drippings are vaporized by the burner. The result is a crisp, flavorful outside with a tender, juicy inside. Just the result you want with most grilled foods.

HOW TO GRILL WITH IR:

Properly pre-heat the grill by following the lighting instructions on page 7 and 8. Place food on grill grids and turn every 2 to 2 1/2 minutes until food is cooked to desired taste. Do not let food cook more than 2 1/2 minutes without turning. Perfect cross sear marks can be made by rotating food 90° at each turn.

APPROXIMATE SEAR-ZONE™ COOKING TIMES:

FOOD ITEM	APPROXIMATE COOKING TIME (MINUTES) ♦		
	RARE	MEDIUM	WELL
HAMBURGER - 1/2" THICK	4	5	6
STEAK - 1" THICK	6	8	10
CHICKEN BREAST (BONELESS)	8 ~ 10		
CHICKEN BREAST (BONE-IN)	20 ~ 24		

♦ These are recommended times only. Due to the variations on the cuts of meats and personal taste, your cooking times may be different. Use your discretion when cooking with Artisan™ Sear-Zone™ IR-Burners.

STAINLESS STEEL CARE:

Stainless Steel is widely used for catering and residential kitchen equipment because of its strength, its ability to resist corrosion and its ease of cleaning. In fact, stainless steel ranks alongside glass and new china in terms of "ease of cleaning" and in percentage removal of bacteria during washing. As a result of these virtues, the metal is often taken for granted and it is assumed that no problems will arise during its usage. However, some care is required to ensure that the stainless steel can live up to this reputation.

DAY TO DAY CARE:

To maintain the original appearance of your *Artisan™* Grill, a regular cleaning routine should be carried out using the following guidelines:

1. After use, following the safety precautions detailed on page 4 and 5, wipe the Grill with a soft damp soapy cloth and rinse with clean water, preferably warm/hot water. This should remove most substances encountered during the grilling process.
2. For more tenacious deposits, including oil, grease and water-borne deposits, use a multi purpose cream cleanser and apply with a soft damp cloth. Rinsing with fresh water, as described above, should follow as a last step.
3. For really stubborn dirt or burned-on grease, a nylon-scouring pad may be used in conjunction with the cream cleanser. On no account should “wire wool” pads be used unless they are made of stainless steel.
4. Harsh abrasives and scouring materials should not be used for cleaning stainless steel as they will leave scratch marks in the surface and damage the appearance of the Grill. Likewise do not use wire brushes, scrapers or contaminated scouring pads.
5. Your *Artisan™* Grill has a directional polished grain, any cleaning with abrasives should be carried out along this grain direction and not across it.
6. After use, always remove wet cleaning aids (such as cloths, pads, containers) from the surface, to avoid formation of water marks or stains.
7. If necessary, dry the Grill after use with a soft dry cloth or towel.

If the preceding guidelines are adhered to, your *Artisan™* Grill should offer excellent life and should live up to its reputation of being “stainless”.

Neglect of this practice, however, can lead to deterioration of the surface and, in some extreme cases, corrosion of the steel itself. The two most common types of corrosion that may be encountered, particularly on stainless steel, are rust marks and pitting of the surface.

RUST-BROWN MARKS:

The rust marks are more likely to be the result of small particles of “ordinary-steel” which have become attached to the surface; these have subsequently rusted in the damp environment. The most common source of such particles is from “wire-wool” scouring pads, but contamination may also occur from carbon steel utensils and old cast iron water supply pipes.

These brown marks are only superficial stains, which will not harm the Grill; they should be removable using a soft damp cloth and a multi-purpose cream cleanser.

Occasionally, it may be necessary to resort to a proprietary stainless steel cleanser, to return the surface of the Grill to its original condition. To avoid re-occurrence of any “rust-staining” it is essential that the source of the contamination be eliminated.

PITTING:

Another form of corrosion, which occasionally occurs in stainless steel, is pitting of the surface. The reason for this corrosive attack can usually be attributed to certain household products, for example:

Bleaches:

Most common domestic bleaches & sterilizing solutions contain chlorine in the form of sodium hypochlorite. If used in concentrated form, bleaches can attack the stainless steel, causing pitting of the surface. They should always be used to the strengths prescribed by the manufacturer and should be thoroughly rinsed off with clean water immediately after use. All cleaning agents containing hypochlorite are unsuitable for long term contact with stainless steel and, even when used in the highly diluted form, they can produce pitting under certain conditions.

Foodstuffs:

In general stainless steel is fully resistant to all foodstuffs in common use. Only in isolated cases, such as when concentrated salt and vinegar mixtures are allowed to remain in contact with the steel for a long period, can any surface marking result.

CARE & MAINTENANCE OF YOUR GRILL:

GRILL RACK:

The easiest way to clean the round wire grill racks is immediately after cooking is completed and after turning off the flame. Wear a barbecue mitt to protect your hand from the heat and steam. Dip a brass bristle barbecue brush in hot soapy water and scrub the hot grill rack. Dip the brush frequently in the bowl of water. Steam, created as water contacts the hot grill, assists the cleaning process by softening any food particles. The food particles will fall and burn.

If the grill is allowed to cool before cleaning, then cleaning will be more difficult.

The V-grate used for the IR burner will primarily self-clean during the 5 minute IR burner cleaning period (Rear IR-Burner cleaning below). After the grate has cooled, remove it from the grill and brush off burned debris.

STAINLESS STEEL:

The Grill is made from commercial quality type 304 non-rusting and non-magnetic stainless steel, and the cleaning information shown on Page 38 should be followed.

DRIP TRAY:

The drip tray should be cleaned after every usage of the grill. After allowing the grill to cool completely, remove the drip tray by pulling it out from the grill until it stops, then lifting the front edge about 45° to remove from grill.

Reinstall by placing rear of tray into guides, then lifting front edge 45° to re-insert the tray. Slide completely into the grill.

GRILL BURNERS:

Before removing the burners, make sure that the gas supply is OFF and the control knobs are in the OFF position. Allow grill to cool completely, then lift off the grill racks and briquette trays. To remove burners, lift the rear of the burner out of the bracket.

Angle the burner slightly to clear the igniter electrode and opening at the front of the grill. Slide burner straight off the orifice tip. Great care should be used when installing a burner, as it must be correctly centered and secured on the orifice before any attempt is made to relight the grill. The burner should lie flat and not have any side-to-side movement. Frequency of cleaning will depend upon grill use.

U-BURNER CLEANING:

Clean the exterior of the burner with a brass wire brush. Clear any stubborn scale with a metal scraper. Clear any clogged ports with a thin wire. Never use a wooden toothpick as it may break off and clog the port. Shake out any debris through the air shutter. Use a flashlight to inspect the burner inlet to ensure it is not blocked, if obstructions can be seen, use a stiff wire to clean out the burner throat.

NOTICE

NEVER CLEAN THE V-GRATE WITH ANY TYPE OF LIQUID WHILE IT IS ON THE GRILL. LIQUID CAN PERMANENTLY DAMAGE THE IR-BURNER.

WARNING

DO NOT ALLOW EXCESS GREASE OR LIQUIDS TO ACCUMULATE IN THE DRIP TRAY AS THIS WILL CREATE A FIRE HAZARD.

AVERTISSEMENT

NE PERMETZ PAS D'EXCESSER UNE GRAISSE OU DES LIQUIDES À ACCUMULER DANS LE BANDE DE DÉCHARGE, CELUI-CI CRÉER UN RISQUE D'INCENDIE.

WARNING

DO NOT ATTEMPT TO REMOVE THE DRIP TRAY DURING USE OR WHILE IT IS HOT AFTER USING THE GRILL.

AVERTISSEMENT

NE TENTEZ PAS DE RETIRER LE BANDE DE DÉCHARGE PENDANT L'UTILISATION OU QU'IL SOIT CHAUD APRÈS UTILISATION DU GRILL.

IR-BURNER CLEANING:

AFTER EACH USE, IT IS NECESSARY TO BURN ALL IR BURNERS WITH THE HOOD OPEN FOR AT LEAST FIVE MINUTES TO VAPORIZE ANY FOOD DRIPPINGS OR PARTICLES. It may occasionally be necessary to brush, blow or vacuum accumulated ash from the burner surface. Do so carefully and only when the burner is cool.

NOTICE

**FAILURE TO PERFORM THIS STEP
WILL DAMAGE THE IR-BURNER**

ORIFICE CLEANING:

With the burner removed, remove the orifice and shine a flashlight through the openings to ensure there is no blockage. Use a needle to clear any debris. Be extremely careful not to enlarge the hole or break off the needle.

TO REASSEMBLE THE BURNERS:

Replace the burner by sliding the air shutter over the brass orifice, centering it in the hole and resting the rear of the burner onto its supporting bracket.

IT IS EXTREMELY IMPORTANT TO CENTER THE BURNER ON THE ORIFICE PROPERLY.

Be careful not to upset the air shutters' original position (unless readjusting). Make sure the burner is level and does not rock. Special care must be taken not to hit or damage the electrode wire while replacing the burners.

ELECTRODE GAPS:

The right gap must be maintained to ensure a proper spark. The gap should be 1/8" to 3/16". To adjust gap, hold the base of the wire rod tightly with a pair of pliers, and with another set of pliers, twist the tip of the wire to achieve the correct gap

NOTE: Rough handling of the electrode can crack the ceramic body, causing all of the igniters to fail. Replace the briquette trays, ensuring that they sit level and do not rock. Light all of the burners and check for proper flame characteristics (see page 27).

CLEANING THE BRIQUETTES AND TRAYS: After allowing the grill to cool completely, turn the briquette assemblies (briquettes and tray) upside-down and operate the grill on high for 30 minutes. After allowing to cool again, return the briquette assemblies to their proper (flat side down) position. The trays can occasionally be scrubbed clean when needed after allowing them to cool completely. Never handle hot trays.

ADDITIONAL CONSIDERATIONS:

Always keep the area around the grill free of obstructions and debris. Maintain at least 3" of space around grill to ensure proper airflow, and keep all ventilation openings clear and free of debris. Visually check flame characteristics and compare to description on page 27. Adjust if needed. Clean appliance after each use, and check for blockages, especially at the burner orifices, after periods of prolonged non-use. To maintain the appearance of your *Artisan*™ Grill for many years, keep it covered when not in use. Backyard environments are harsh on your grills' finish. Long exposure to sun, water, yard chemicals and the elements will reduce the appearance of the stainless steel. This is especially applicable in ocean front locations, or locations subject to sea mists. *Artisan*™ Grills strongly recommends that you cover your Grill when not in use.

TROUBLESHOOTING:

BEFORE CALLING FOR SERVICE:

If your ARTISAN™ Grill does not function properly, use the following checklist before contacting your dealer for service. You may save the cost of a service call and the inconvenience of being without your grill.

SPIDER AND INSECT WARNING:

Spiders and insects can nest in the burners of this or any other grill, and cause the gas to flow from the front of the burner. This is a very dangerous condition, which can cause a fire to occur behind the valve panel, thereby damaging the grill and making it unsafe to operate.

WHEN TO LOOK FOR SPIDERS:

You should inspect the burners at least twice a year or immediately if any of the following conditions occur:

1. The smell of gas in conjunction with the burner flames appearing yellow.
2. The Grill does not reach temperature.
3. The Grill heats unevenly.
4. The burners make popping noises.

GRILL WON'T LIGHT:

First determine if the spark igniters are functioning properly. A rapid snapping sound should be heard when the igniter button is depressed. If no sound is heard, check the battery (see page 37).

If the spark igniters are working correctly, next determine if gas is reaching the burners. Ensure the gas supply is turned on, and that there are no leaks according to the procedure on page 13. Attempt to match-light a burner according to the procedure on page 8-9.

If the burner will light with a match, then the spark igniter may not be functioning correctly, or may not be adjusted correctly. Adjust according to the procedure on page 34 or call for service. If the burner will not match light, and the gas supply has been confirmed, then check the burner for blockages.

FLAME IS YELLOW / GAS SMELL:

IF YOU SMELL GAS WHILE THE GRILL IS OPERATING, IMMEDIATELY TURN OFF ALL BURNERS. Perform a leak test and check for blockages according to the procedure on page 25. Also check the air shutter adjustment according to the procedure on page 27.

NOTE: If the grill is operating in a dusty area or if heavy grease is present, some orange tips on the burner flame should be considered normal.

LOW / INSUFFICIENT HEAT:

Ensure that adequate preheat time has elapsed. U-burners should preheat for at least 15 minutes with the hood closed (20 ~ 25 minutes for high heat); IR burners should be allowed to preheat for at least five minutes with the hood open.

If adequate preheat time was allowed, check the gas supply for a damaged and/or kinked supply line. Replace if necessary. On LP units, a mostly empty tank may not have sufficient pressure to run the grill at high heat. Replace with a full tank. Make sure that the regulator/hose assembly being used is the unit supplied with the grill. On NG units, ensure that the flexible supply line is at least 1/2" diameter.

Check the gas supply pressure to ensure at least 7" W.C. for NG and 11" W.C. for LP.

If gas supply is adequate, check burners for blockages according to the procedure described above. Check flame characteristics according to the procedure on page 27 and adjust air shutter if needed.

Check that there is no pressure being applied to the regulator attached to the back of the grill. This regulator contains a flexible diaphragm and should not touch the grill body or any surrounding objects. Check to make sure that the burners and the drip tray are clean and free from obstructions. Clean if necessary.

NOTE: No part of the grill should ever be lined with aluminum foil as it will interfere with airflow and can cause a low heat condition in the firebox and a high heat condition inside the control panel.

BURNER BLOWS OUT:

First determine if the problem is being caused by location. If location is subject to high winds, reposition the grill to provide some protection by placing the back of the grill toward the wind.

Check the gas supply and flame characteristic according to the procedure under Low / Insufficient Heat. Check to ensure that burners are correctly positioned in the grill. Correctly installed burners should be seated firmly with no side-to-side movement.

ROTISSERIE WON'T LIGHT:

Follow the same procedure as "grill won't light", on page 28, to diagnose problems with the Rotisserie IR burner. The IR burner flame may be hard to see in bright sunny conditions.

GRILL GETS TOO HOT:

IF THE GRILL GETS TOO HOT, TURN IT OFF IMMEDIATELY AND ALLOW IT TO COOL.

Perform a leak test according to the procedure on page 13. If leaks cannot be corrected, call for service before attempting to use the grill.

LIGHTS DON'T WORK:

Check that power is connected and that the GFCI has not tripped.

LIGHT BULB REPLACEMENT:

NOTE: Disconnect all power to your *Artisan*™ grill before any service or light bulb replacement is performed. Light bulbs are located on the left and right side of the rear hood above the cooking area. The area around the light fixtures and the light fixtures themselves become extremely hot during grill operation with or without the lights being turned on.

BEFORE REPLACING ANY LIGHT BULB, ALLOW SUFFICIENT TIME FOR THE FIXTURES TO COOL DOWN IF THE LIGHTS OR THE GRILL WAS TURNED ON, OR BOTH.

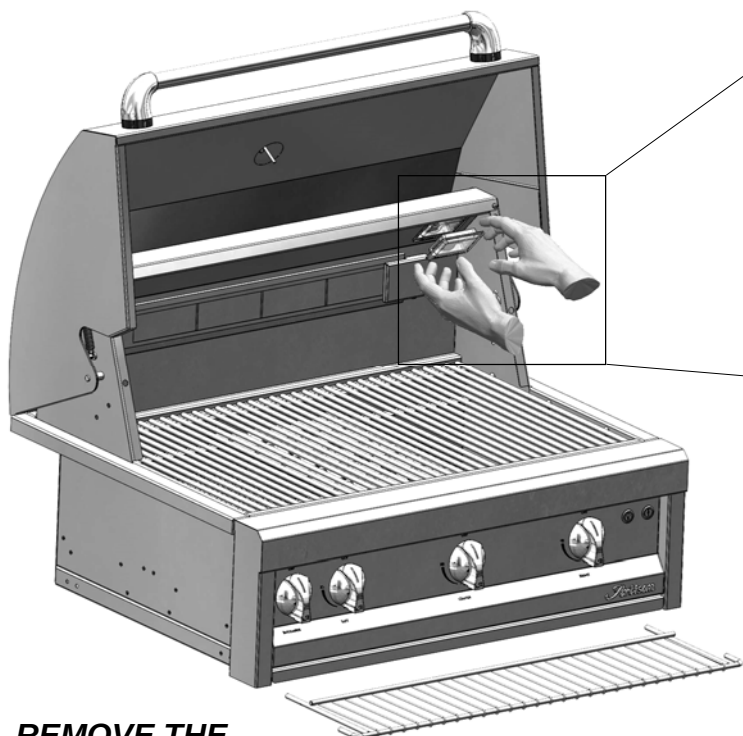
Light bulbs can reach several hundred degrees when operating, so allow plenty of time for them to cool down.



G940120-G9 BASE
40W-120 VAC
Part# 210-0317

Should you need to replace the light bulb in you Artisan™ Grill, please refer to the following steps :

REMOVE THE LIGHT COVER



LIGHT COVER



The light cover is supported by a spring mechanism on the light fixture. Simply pry open the light cover from the left or right side by hand only.

DO NOT USE ANY TOOLS as you might chip the tempered glass cover.

REMOVE THE LIGHT BULB

Reach inside the light fixture and remove the light bulb by pulling it straight out of the socket.

INSTALLING A NEW LIGHT BULB:

NOTE: When replacing light bulbs, use a soft clean cloth (cotton or paper towels) when handling lights.

Always keep halogen lights free of fingerprints and grease when replacing. Because of the light bulb's very high operating temperature, grease or fingerprints left on the light bulb might reduce the bulb's life.

Insert a new light bulb using a clean cloth and do not force the light bulb in the socket. Very little effort is required for the bulb to "SNAP" and lock into place.

Look at the bulb and verify that no fingerprints are left on it. Wipe off any fingerprints and or grease that might have accidentally come in contact with the glass of the light bulb.

Replace the light cover by inserting it into the light fixture at a slight angle until it "SNAPS" into place.

Power up your Artisan™ Grill and verify the light bulb operation by turning on the light switch.



BATTERY REPLACEMENT:

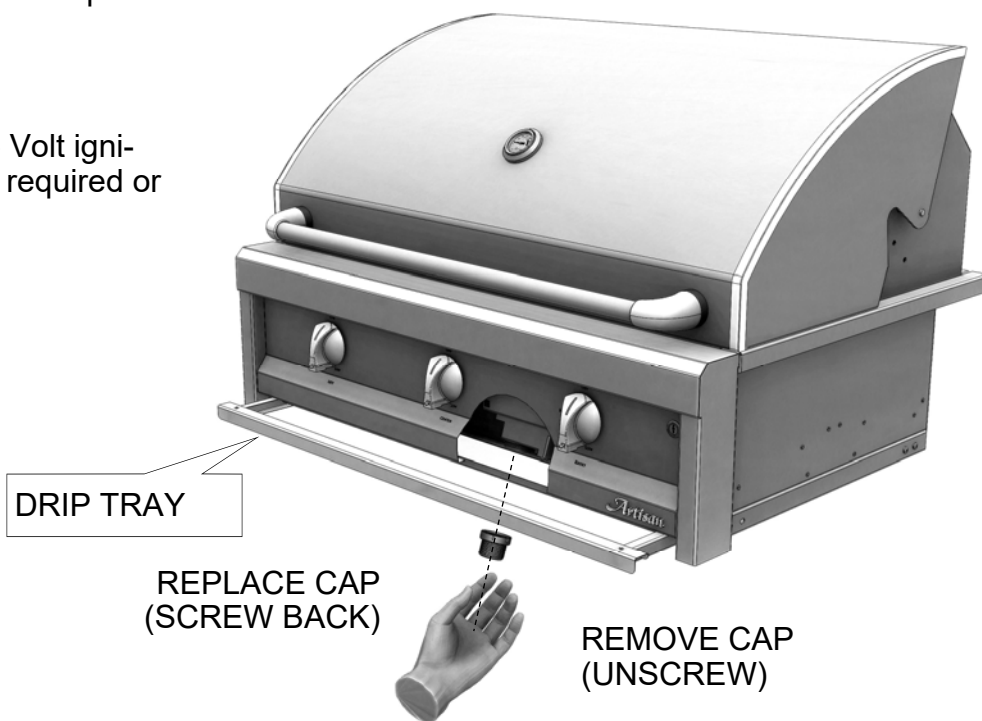
All AAEP BBQ models have igniters powered by 9 Volt DC batteries. Batteries should be replaced when poor spark ignition or very slow sparking performance is heard.

To insert or replace the battery which powers the igniters, please perform the following steps:

1. Slide the drip tray forward slightly, as shown below.
2. Unscrew the battery cap (rotate counterclockwise as viewed from below).
3. Either insert a new battery or replace the old battery with a new battery.
4. Replace the battery cap (rotate clockwise as viewed from below).
5. Slide the drip tray back in place.

NOTE:

All **ARTPI/ART** models have 115 Volt ignition system, thus no batteries are required or replaced.

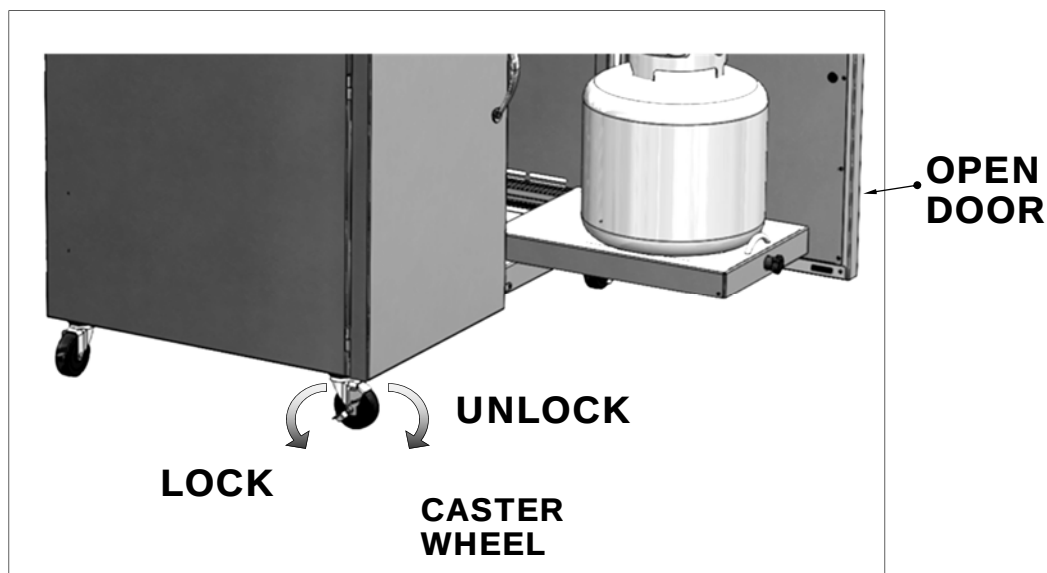


APPENDIX:

CART MOUNTED UNITS — CART SECUREMENT:

To prevent your *Artisan* Cart and Barbeque from rolling on a leveled or uneven floor, secure the cart's caster wheels located on the front of the cart.

The caster wheels are accessible by opening the doors and using the wheel's side lever to **LOCK** or **UNLOCK** the backing system of the wheels as shown to the right.



ADDITIONAL IMPORTANT CLEANING AND STORAGE CONSIDERATIONS:

In order to maintain your grill in clean working order, it will be necessary, under certain conditions, to take additional precautions:

- If your grill is located in a coastal area, it will be exposed to salty air which is corrosive.
- If it is located close to a swimming pool or Jacuzzi with chlorinated water, then it will be exposed to dilute hydrochloric acid which can be formed as a result of chlorine compounds used in the pool causing chlorine to be combined with hydrogen and water in the atmosphere.
- Muriatic acid (another name for hydrochloric acid) is used to maintain the correct pH balance in the pool water. Chlorine is an oxidizing agent, and as such can promote rapid corrosion or other oxidizing processes which can damage various materials.

Type 304 stainless steel is highly resistant to corrosion but given enough exposure to such corrosive conditions might succumb to some degree, such that pitting or rusting may occur.

Our barbecue materials have been tested in saline solutions with higher salinity than sea water, and they have been tested in highly chlorinated solutions. They have also been tested by exposure to highly acidic foods.

During and after these tests, we found these materials were able to withstand exposure over prolonged periods of time. However, the above mentioned corrosive substances, along with neglect, can lead to a situation whereby conditions might combine to cause some damage to occur.

Therefore, we suggest that you always keep your barbecue clean, dry and covered when not in use. This is even more important when long term storage is intended; always store the grill clean, dry and covered with an optional Artisan Barbecue Cover.

Do not allow any food particles or grease to be left inside your barbecue, as this will attract rodents which, in addition to being undesirable from an hygienic standpoint, are likely to cause physical damage to your barbecue. Rodents are known to chew on the insulation of wiring which will eventually cause permanent damage to the wiring and possibly electrical components.

One final consideration for barbecues located either along the coast or in a desert community: Wind driven sand is highly abrasive, therefore constant exposure will eventually pit and scratch almost anything; one more reason to keep your barbecue covered when not in use.

By routinely caring for your barbecue as outlined in this manual, you can enjoy many years of service from it and keep it looking the way it should.

In the event that any light rusting is found on the stainless steel, it will usually not be the stainless steel which is corroding but iron particles which have somehow been deposited on the surface. For more information on this subject, please request our "Rust removal bulletin".

As a first course of action though, we recommend "Bar Keepers Friend", available from many supermarkets and hardware stores. This product, if used as directed, will usually solve the problem. Note though, when using this product on textured surfaces such as your barbecue, always rub in the direction of the grain; never across the grain, since doing so will damage the finish.

Refer also to pages 30-31 for additional Stainless Steel Care tips.

Artisan™ Limited Warranty

The warranties shown below commence on the date of the original purchase.

15 years	- Stainless Steel Burners.
10 Years	- All Stainless Steel Parts.
3 Years	- Ceramic Briquette Trays (briquette excluded).
1 Year	- Ignition Systems (Batteries excluded), Side Burners, Rotisserie Motors and Thermometers.

TERMS APPLICABLE TO THE WARRANTY ABOVE:

Artisan™ Grill's warranty applies only to products installed for normal residential use. The warranty applies only to products installed in any one of the fifty states of the United States, the District of Columbia or the ten provinces of Canada.

This warranty **does not** apply to rust, corrosion, oxidation or discoloration, unless the affected component becomes inoperable, to correct any defect caused by negligence, accident or improper use, maintenance, installation, service or repair. It **does not** cover labor or labor related charges.

Product must be installed and connected to a gas source in accordance with what is specified in the installation instructions or in the Care and Use Manual, with no exceptions, and by a qualified professional installer.

All replacement components, such as valves, etc, must be an Artisan product. Artisan's warranty only applies to the original purchaser and may not be transferred, and commences from the date of purchase, and is valid only with proof of purchase.

Limitations & Exclusions: 1. Artisan's warranty applies only to the original purchaser and may not be transferred. 2. Artisan's warranty is in lieu of all other warranties, expressed or implied and all other obligations or liabilities related to the sale or use of its grill products. 3. Artisan's warranty shall not apply and Artisan is not responsible for damage resulting from misuse, abuse, alteration of or tampering with the appliance, accident, hostile environment, flare-up fires, improper installation, or installation not in accordance with the instructions contained in the User Manual, or the local codes. 4. Artisan shall not be liable for incidental, consequential, special or contingent damages resulting from its breach of this written warranty or any implied warranty. 5. Some states do not allow limitations on how long an implied warranty lasts, or the exclusions of or limitations on consequential damages. This warranty gives you specific legal rights and you may have other rights, which vary from state to state. 6. No one has the authority to add to or vary Artisan's warranty, or to create for Artisan any other obligation or liability in connection with the sale or use of its products.

Artisan shall not be responsible for and shall not pay for the following: 1. Installation or start-up. 2. Service by an unauthorized service provider. 3. Damage or repair due to service by an unauthorized service provider or use of unauthorized parts. 4. Improper installation. 5. Damage caused by accidents, abuse, alteration, misuse, installation that is not in accordance with the instructions contained in the User Manual, or local codes. 6. Units installed in non-residential applications such as retirement homes, restaurants, hotels, schools, etc. 7. To correct normal adjustments or settings due to improper installation, commissioning or local gas supply properties. 8. Shipping and handling costs, export duties, or installation cost. 9. The cost of service calls to diagnose trouble; or removal or re-installation cost.

SERVICE & REPLACEMENT PARTS:

For quicker and easier results, visit our website at: <http://www.artisangrills.com> or, call our toll free number at: (866)-203-5607 to report service problems and / or to obtain replacement parts for your Artisan™ Grill. Replacement parts are shipped F.O.B. City of industry, California 91745.

Before calling for service, please make sure you have the following information:

- *Model number and Serial number, Date of purchase and Proof of purchase.*

The warranty specifically excludes liability for indirect, incidental or consequential damages.

This product is designed for **residential** use only.

FOR WARRANTY CLAIMS PLEASE CALL: (866) 203-5607

ArtisanTM

Professional Grills by Alfresco

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ARTISAN PROFESSIONAL GRILLS
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