

# Artisan<sup>TM</sup>

USA



## ***Care and Use Manual***

*For ARTP & AAEP Artisan USA Barbecue Models*

# Artisan™



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## GENERAL SAFETY PRECAUTIONS:

### **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 DANS LE VOISINAGE DE L'APPAREIL, NI DE TOUT AUTRE APPAREIL.
2. UNE BOUTEILLE DE PROPANE QUI N'EST PAS RACCORDÉE EN VUE DE SON UTILISATION. NE DOIT PAS ÊTRE ENTREPOSÉE DANS LE VOISINAGE DE CET APPAREIL OU DE TOUT AUTRE APPAREIL.

## WARNING:

- 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 12)
- 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.

### **WARNING**

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

### **WARNING**

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



## **AVERTISSEMENT**

### **PIÈCES ÉLECTRIQUES ET COMPOSANTS.**

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



## **AVERTISSEMENT**

### **GAZ INFLAMMABLE**

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

**TESTED IN ACCORDANCE WITH: *ANSI Z21.58b-2012 / CSA 1.6b-2012***

### **The Standard for Outdoor Cooking Gas Appliances.**

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

### **CALIFORNIA PROPOSITION 65 - WARNING**

The burning of gas cooking fuel generates toxic by-products, which are on the list of substances which are known by the State of California to cause cancer or reproductive harm. California law requires businesses to warn customers of potential exposure to such substances. To minimize exposure to these substances, always operate this unit according to the use and care manual, ensuring you provide good ventilation when cooking with gas. This warning is issued pursuant to California Health & Safety Code Sec. 25249.6

PASTE SERIAL NUMBER  
LABEL IN THIS LOCATION

**BARBEQUE SERIAL NUMBER LABEL**

# 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.

(Safety, cont.)

- 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 operate the grill under unprotected combustible construction. 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.



## **WARNING**

**FOR OUTDOOR USE ONLY  
NOT TO BE INSTALLED IN OR  
ON RECREATIONAL VEHICLES  
AND / OR BOATS.**



## **WARNING**

**NEVER USE A DENTED OR  
RUSTED LIQUID PROPANE  
TANK. SHUT OFF TANK WHEN  
NOT IN USE.**



## **AVERTISSEMENT**

**POUR UTILISATION À  
L'EXTÉRIEUR  
NE PAS ÊTRE INSTALLÉ DANS OU  
SUR DES VÉHICULES RÉCRÉATIFS  
ET / OU DES BATEAUX.**



## **AVERTISSEMENT**

**N'UTILISEZ JAMAIS DE RÉSERVOIR  
DE PROPANE LIQUIDE BOSSELÉ  
OU ROUILLÉ. ÉTEINDRE LE RESER-  
VOIR LORSQU'IL N'EST PAS UTILI-  
SÉ.**

## LOCATING AND ASSEMBLING THE GRILL:

When determining a suitable location for your grill, take into account concerns such as exposure to wind, 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, breezeway, shed or other such enclosed area 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 CONSTRUCTION:

A minimum of **2 1/2"** clearance from the back of the grill to non-combustible construction is required to allow the hood to be opened fully.

### TO COMBUSTIBLE CONSTRUCTION:

A minimum of **12"** clearance must be maintained between the barbecue and any combustible materials. This appliance should NOT be located under unprotected combustible construction. If your enclosure is combustible, then an *INSULATED JACKET* manufactured by Artisan™ Grills, is required.

## ASSEMBLY:

### BUILT-IN MODELS:

Before locating your ARTISAN™ Grill into your Non-combustible enclosure, 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.
3. Position the briquette tray
4. onto their support ledge.
5. Make the connection to the gas regulator according to the instructions on pages 8 - 10 for your gas type.
6. To comply with safety and service requirements, 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 MODELS:

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.
3. Position the briquette trays onto their support ledge.
4. Make the connection to the gas regulator according to the instructions on pages 8 - 10 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 movement.

**FOR INSTALLING / REPLACING THE BATTERY ► SEE PAGE 28**

## WARNING:

To prevent harm and ensure proper operation of your grill, it is imperative that the burners are properly installed with respect to the gas orifices. Be certain that the orifice is inserted completely into the burner's inlet and that the burner rests firmly on its support bracket.

The burner should not rock side-to-side nor top-to-bottom if properly installed. If excessive burner movement is present, reseal burner or contact your authorized service provider.

## **WARNING**

### **IMPORTANT ELECTRICAL INSTRUCTIONS:**

THE GRILL'S ROTISSERIE MOTOR AND LIGHTS ARE WIRED TO A SINGLE THREE-PRONG (GROUNDING) PLUG FOR YOUR PROTECTION AGAINST SHOCK HAZARD. THE GRILL SHOULD BE PLUGGED DIRECTLY INTO A PROPERLY GROUNDED GFCI THREE-PRONG RECEPTACLE.

## **AVERTISSEMENT**

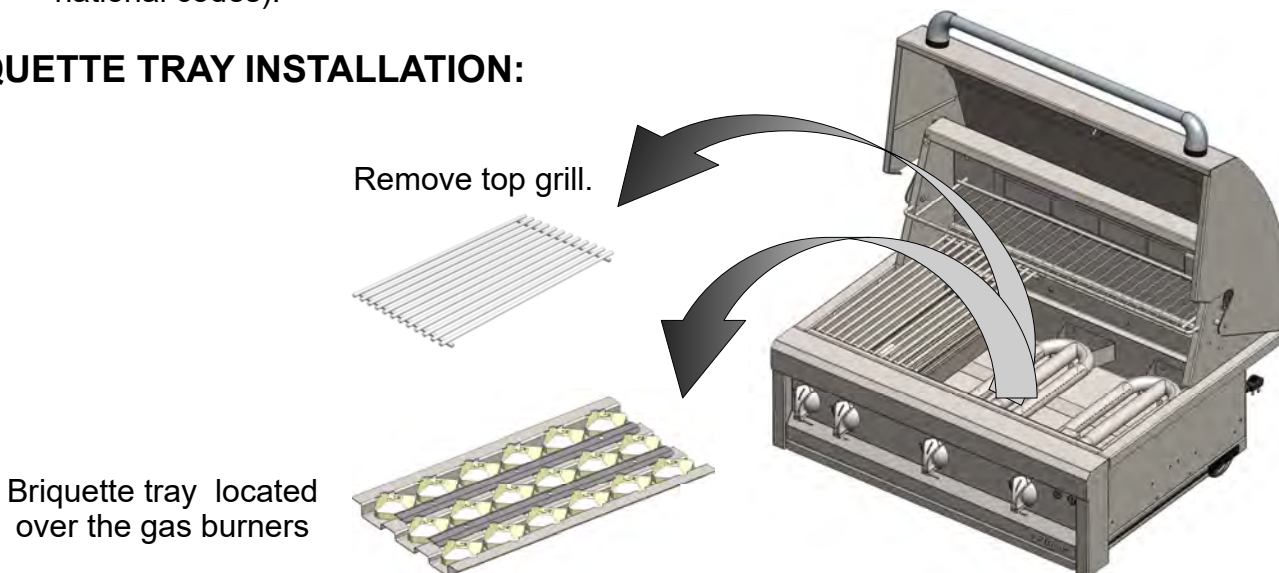
### **INSTRUCTIONS ÉLECTRIQUES IMPORTANTES:**

LE MOTEUR ROTISSERIE DE GRILL ET LES LUMIÈRES SONT CÂBLÉES À UNE FICHE UNIQUE À TROIS PRONG POUR TU PROTECTION CONTRE LE DÉCHARGEMENT DES CHOCS. LE GRILLE DEVRAIT ÊTRE PLUGÉ DIRECTEMENT DANS UN RECEPTACLE GFCI TRES PRONG CORRECTEMENT TERRESTRE. NE PAS COUPER OU RETIRER LE TERRAIN PRONG FROTH CETTE FICHE. GARDEZ LE CORDON ÉLEVÉ À PARTIR DE SURFACES DE GRILLE CHAUFFÉES.

## **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).

## **BRIQUETTE TRAY INSTALLATION:**





## GAS CONNECTION - LIQUID PROPANE (LP):

**LP MODELS HAVE THE LETTERS “LP” IN THE MODEL NUMBER.**

***NEVER CONNECT THE GRILL TO AN UNREGULATED GAS SUPPLY.***

Before proceeding, ensure the unit is fitted for LP gas. Connecting to an improper gas type will result in poor performance and increased risk of damage or injury.

The installation of this appliance must conform with local codes or, in the absence of local codes, to the national fuel gas code, ANSI Z223.1a-1988. Installation in Canada must be in accordance with the Standard CAN/ CGA-B149.1 Natural Gas Installation or CAN/CGA-B149.2, Propane Installation Code.

Manifold pressure with LP                      Operating:    10.0” W.C.                      Non-operating:        11.2” W.C.

### L.P. TANK REQUIREMENTS:

Use only a standard 20 Lb. (5 Gal.) propane gas cylinder (18-1/4” H x Ø12-1/4”). 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 gas cylinder must be constructed and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation (DOT). 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** in the standard for compressed gas cylinder valve outlet and inlet connections ANSI/CGA-V-I.

### LP GAS CONNECTION TO LP TANKS:

Your ARTISAN™ Grill for use with LP gas is supplied with a 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.

To connect the regulator / hose assembly follow the next steps:

1. Locate the gas connection under the rear right side of your BBQ unit.
2. Fasten the hose connection to a 1/2” MPT x 3/8” COMP (compression flare fitting) connected to the elbow. (see figure # 2).

### **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.

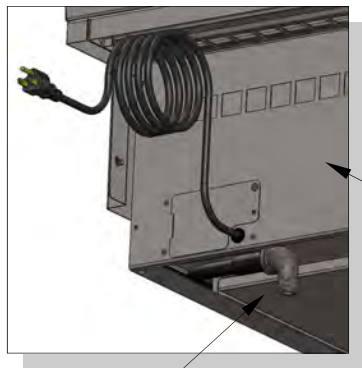
### **MISE EN GARDE**

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

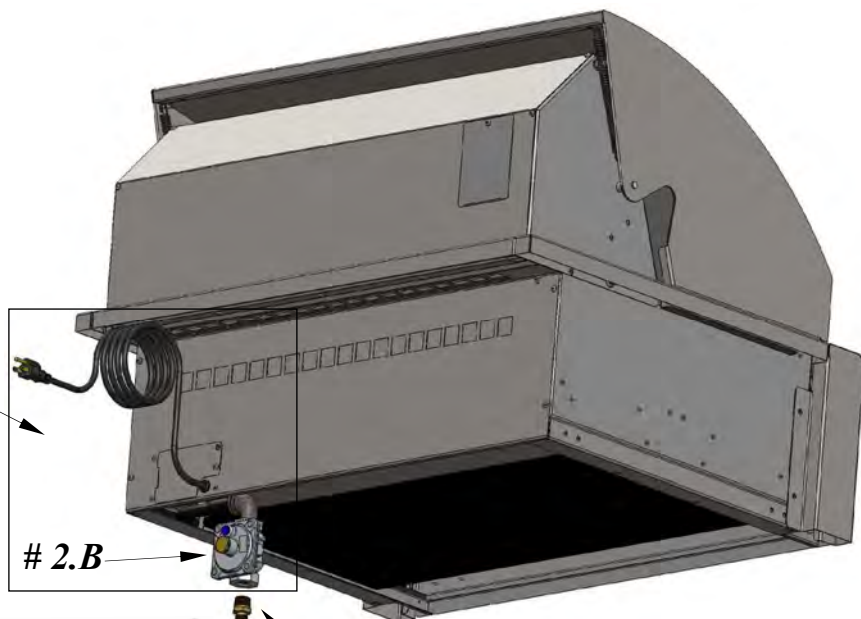
DÉBRANCHER LES BOUTEILLES DE LP DOIVENT AVOIR DES BOUCHONS DE VALEUR VISSÉS HERMÉTIQUEMENT INSTALLÉS, ET NE DOIVENT PAS ÊTRE STOCKÉS DANS UN BÂTIMENT, GARAGE OU TOUT AUTRE ESPACE FERMÉ. LE GAZ DOIT ÊTRE ARRÊTÉ AU NIVEAU DU CYLINDRE D'ALIMEN-



## TYPICAL ARTISAN™ BBQ



# 2.A



# 2.B

# 2.C

# 2.D (PRESET TO 10" WC)

### NOTE:

THE FOLLOWING PARTS SHIPS LOOSE BUT MUST BE INSTALLED:

#2.A - 1/2" BLACK PIPE 90° ELBOW

#2.B - GAS REGULATOR

#2.C - FITTING HOSE ADAPTOR.

#2.D - LP HOSE ASSEMBLY



TYPICAL LP  
GAS TANK

**Figure # 2**

### **⚠ 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 **PRESSION D'ENTRÉE MAXIMALE DE 14" WC** (OU ENVIRON 0,5 PSI), ET UNE **LIMITE DE SÉCURITÉ DE 69" WC** (2,5 PSI).

### **⚠ 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.**

## LP GAS CONNECTION TO LP PIPED SYSTEMS:

An LP piped 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.

### **⚠ 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 COVERED BY YOUR ARTISAN WARRANTY**

## GAS CONNECTION - NATURAL GAS (NG):

### **NEVER CONNECT THE GRILL TO AN UNREGULATED GAS SUPPLY.**

Before proceeding, ensure the unit is fitted for natural gas. Connecting to an improper gas type will result in poor performance and increased risk of damage or injury. The installation of this appliance must conform with local codes or, in the absence of local codes, to the national fuel gas code, ANSI Z223.1a-1988. Installation in Canada must be in accordance with the Standard CAN/ CGA-B149.1 Natural Gas Installation or CAN/CGA-B149.2, Propane Installation Code.

Manifold pressure with NG:	Operating:	5.0" W.C.
	Non-operating:	6.0" W.C.
	Optimum pressure:	7.0" W.C.

**NOTE:** To ensure proper heating performance of this appliance, verify that the gas line supply pressure is adequate (7.0" W.C. supply pressure is preferred) to maintain 5.0" W.C. manifold pressure. Use a minimum 1/2" ID flex hose to prevent gas starvation.

### **NATURAL GAS CONNECTION:**

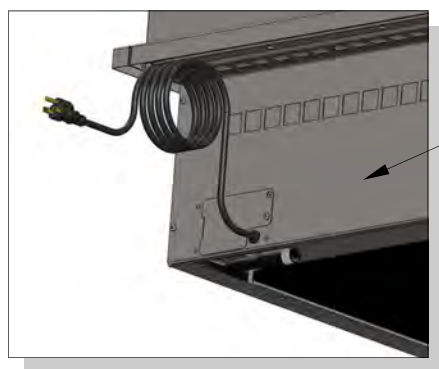
Ensure that the service pipe supplying the Grill is fitted with a shut off valve conveniently positioned and easily accessible as an emergency gas shutoff.

Your ARTISAN™ Grill for use with Natural Gas comes equipped with its own regulator which is shipped loose but must be installed. (SEE FIGURE 4, ON PAGE 11)

**To connect the regulator / hose assembly follow these steps:**

1. Locate the manifold gas connection point (See figure 3) in the rear right side of your barbecue unit (Remove the rear panel from the barbecue cart to gain access - in cart mounted models).
2. Connect the supplied gas pressure regulator as described on figure 4 on page 11 or using either hard piping or a flexible Ø1/2" gas hose (available from DIY/Home stores) no longer than 48".

TYPICAL ARTISAN™ BBQ



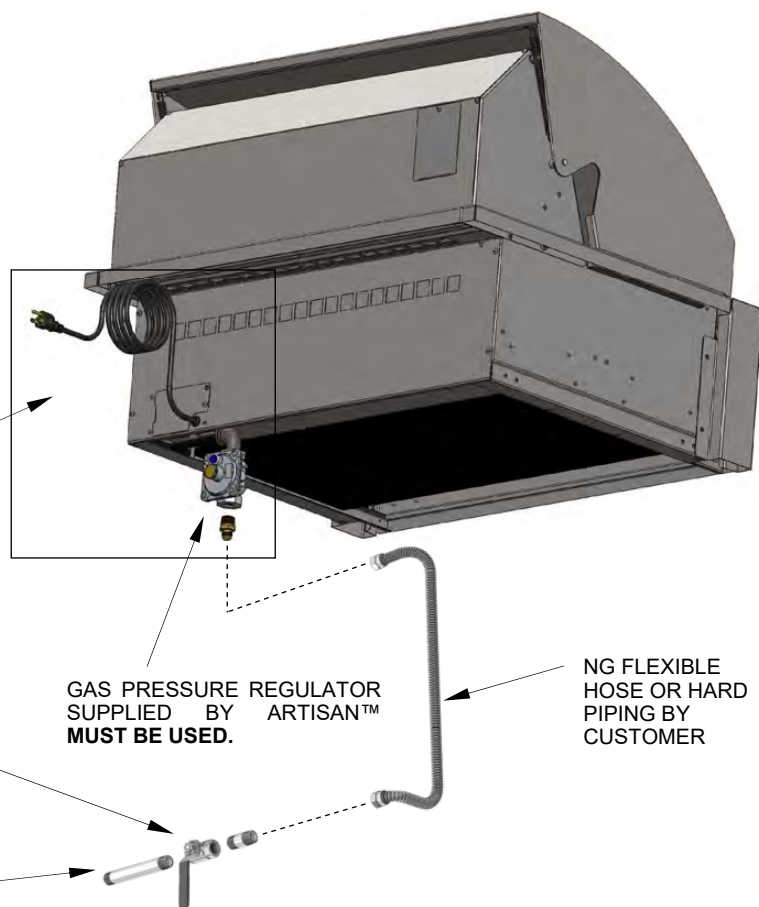
**Figure # 3**

SHUT OFF HAND VALVE MUST BE LOCATED IN ACCESSIBLE AREA

GAS PRESSURE REGULATOR SUPPLIED BY ARTISAN™ MUST BE USED.

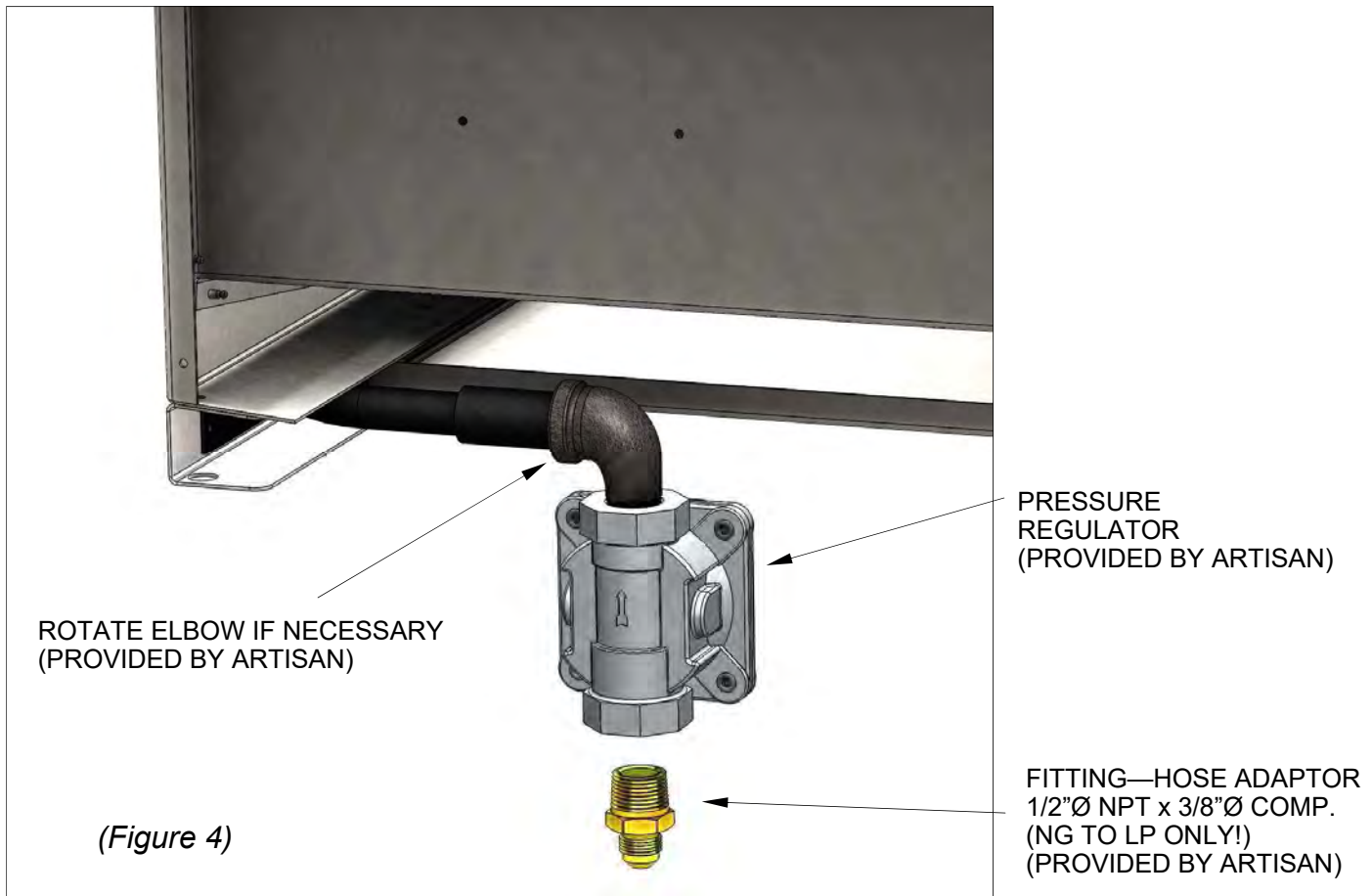
NG FLEXIBLE HOSE OR HARD PIPING BY CUSTOMER

INCOMING NG SUPPLY



## REGULATOR SUPPLY CONVERSION:

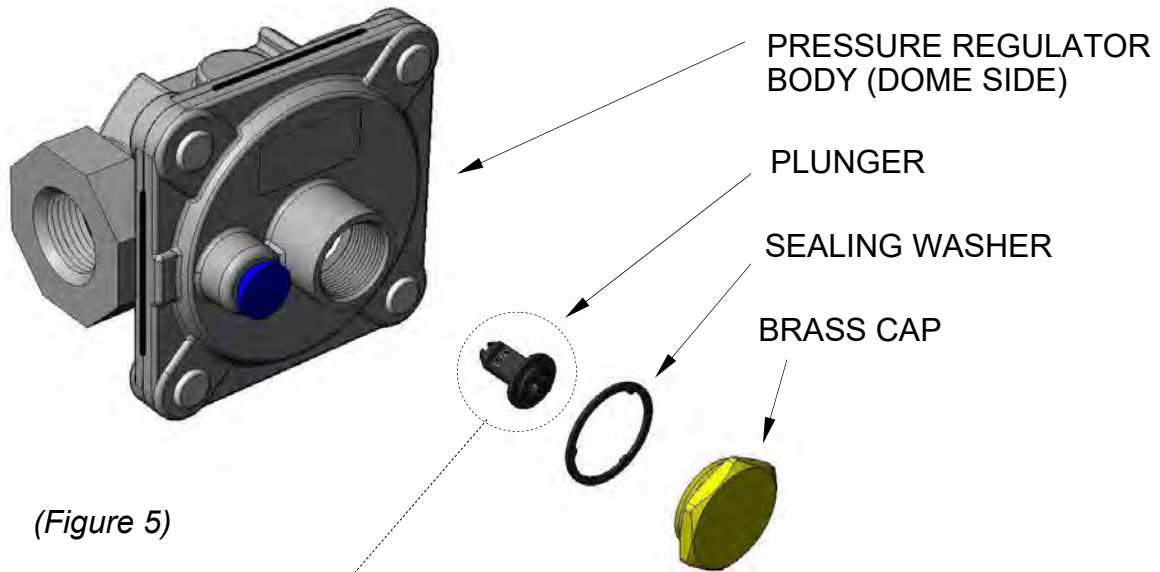
Attach inlet elbow (1/2" Ø black pipe elbow) to gas manifold (see illustration Figure 4). Locate and attach the hose regulator with 1/2" x 3/8 nipple (fitting hose adaptor) using gas approved gas plumbing seal of yellow Teflon® tape. (This step only applies to NG to LP conversion).



## 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. *(Figure 5, 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. *(Figure 6, 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.



(Figure 6)

### 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 (Figure 5) 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.

## TO TEST:

- Make sure all control valves are in the "OFF" position.
- Apply the soap solution described above to all fittings.
- Turn the gas supply on.
- Check all connections from the supply line, or LP cylinder up to and including the manifold pipe assembly.
- Soap bubbles will appear where a leak is present.
- If a leak is present, immediately turn off gas supply, tighten any leaking fittings, turn the gas supply back on, and recheck.
- If you cannot stop a gas leak turn off the gas supply and call the dealer where you purchased your grill.
- Do not use the grill until all connections have been checked and do not leak.
- Only those parts recommended by the manufacturer should be used on the Grill.
- Substitution can void the grill's warranty.

## IMPORTANT NOTE: ALWAYS CHECK FOR LEAKS AFTER EVERY LP TANK CHANGE.

If a leak is present, or if the connection hose shows signs of wear, these conditions must be corrected prior to using your grill.

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.

## LIGHTING INSTRUCTIONS:

### BEFORE LIGHTING...

The pressure regulator and hose assembly supplied with the unit must be used. Never substitute regulators for those supplied with the grill. If a replacement is necessary, contact the factory for proper replacement.

Screw the regulator (**Type QCC1**) into the LP tank. Leak check the hose and regulator connections with a soap and water solution before operating as explained on the LEAK TESTING section of this manual.



### WARNING

**HOOD MUST BE OPEN WHEN LIGHTING THE GRILL.**

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



### WARNING

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



### 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.



### AVERTISSEMENT

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



## BUTTON SYMBOLS AND LOCATIONS:



LIGHT FIXTURES SWITCH  
(on RIGHT side)



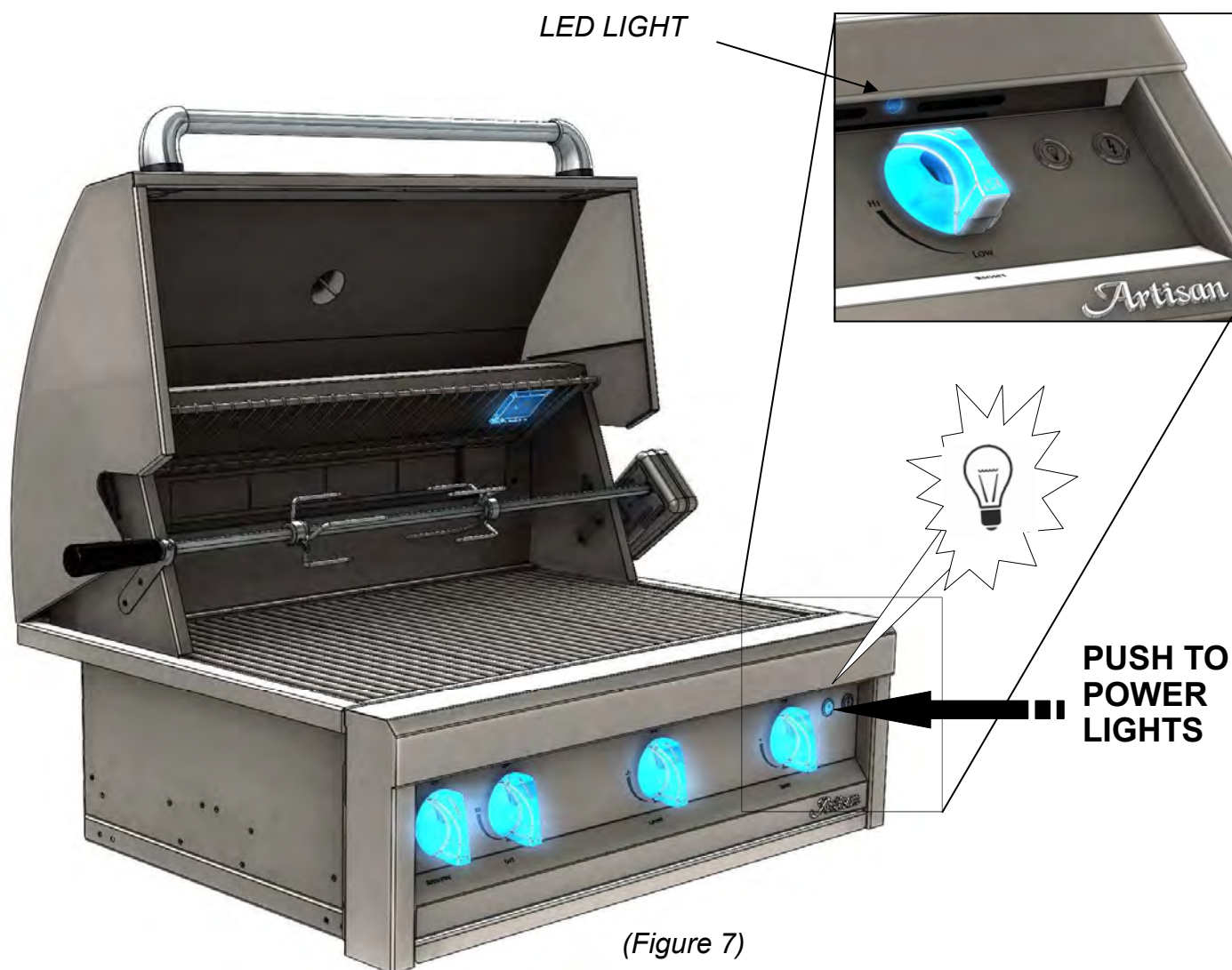
IGNITER BUTTON SWITCH  
(on RIGHT side)

## ILLUMINATION LIGHTS IN YOUR GRILL:

There are two types of lights on your ARTP/AAEP Grill, incandescent in the cooking area and LED blue panel lights under the control panel (*Figure #7*). Both lights systems are controlled with one light switch button.

Open the hood, press the proper light switch button (see symbols above and figure 7 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:

Turn all knobs to “OFF” then turn on the gas supply.

**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 24: **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 SO-LEILS, LA FLAMME D'UN BRÛLEUR IR PEUT ÊTRE IMPOSSIBLE À VOIR.



(Figure 8)

## 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 15) 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 Figure 4.

***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:**

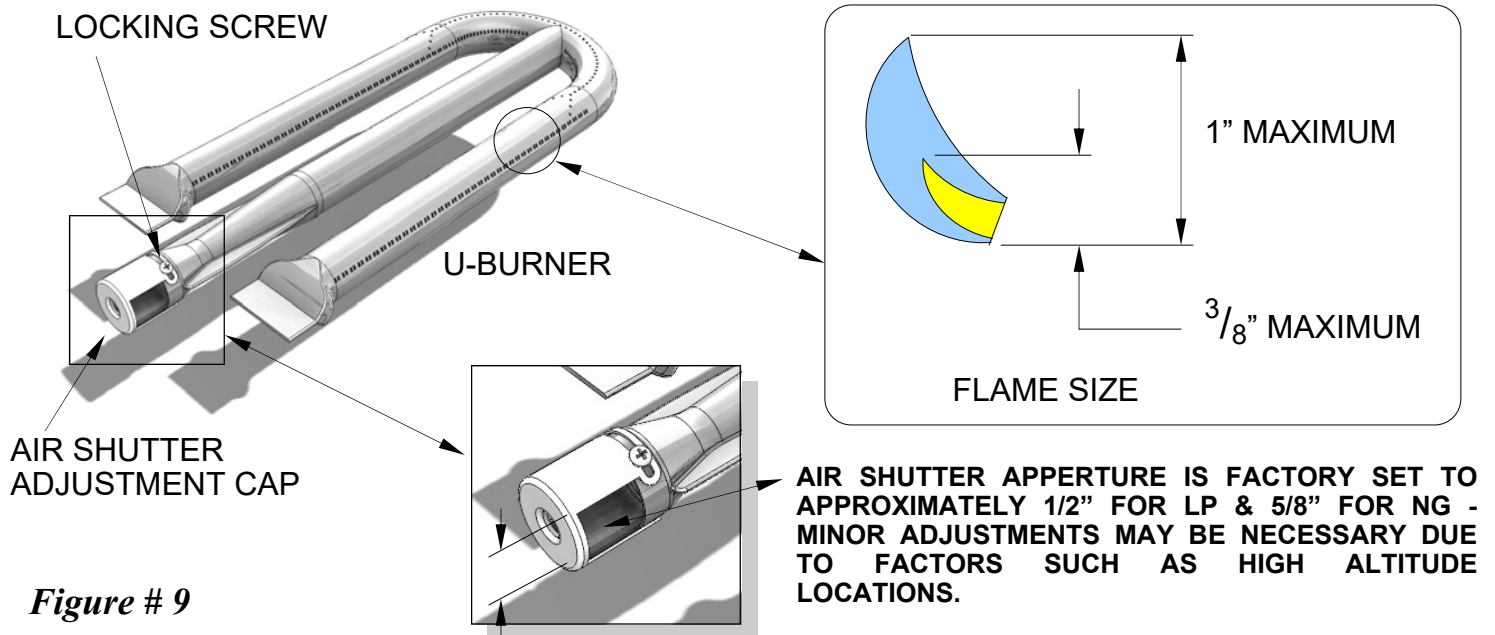
A sheet metal cap at the inlet of the burner called the "AIR SHUTTER" regulates the amount of air that enters into the burner for combustion. The air shutter is locked in place by a screw, which must be loosened prior to lighting the burner for adjustment.

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.



**Figure # 9**

## **⚠ 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.**

### **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 using pliers to hold the stem securely. (see figure # 10)
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.

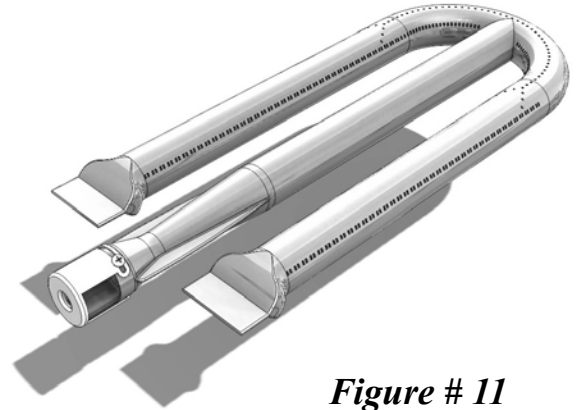


***Figure # 10***

## 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 are stainless steel briquette trays with ceramic tiles (briquettes). The briquette tray is a fundamental part for the performance of the grill. Make sure the briquette tray is installed properly before lighting the burner. Each grill burner has its own igniter. The igniter push button is located on the front control panel.



***Figure # 11***

### USING THE GRILL:

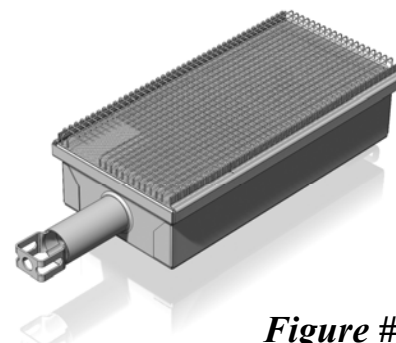
Grilling requires high heat for searing and proper browning. Most foods are cooked at the “HI” heat setting for the entire cooking time. However, when grilling large pieces of meat or poultry, it may be necessary to turn the heat to a lower setting after the initial browning. This method will cook the 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 UNNATENDED 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.



*Figure # 12*

### 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.

**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 20.

**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.

### ⚠ 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**

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.

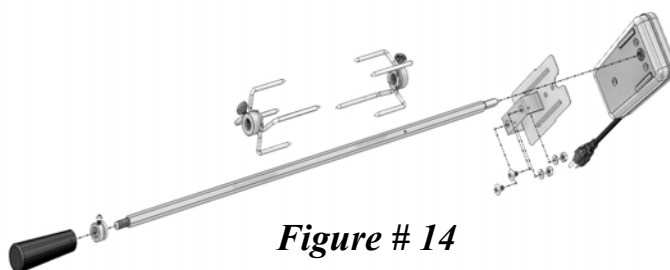
## ROTISSERIE MOTOR:

The rotisserie motor is capable of turning up to a 25 Lb. cut of meat or poultry, with a maximum diameter of 10”.



*Figure # 13*

ATTACH ROTISSERIE MOTOR TO EITHER END USING THE HARDWARE PROVIDED



*Figure # 14*

## 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.

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 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.



## NOTICE

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

**DO NOT USE WHILE GRILLING.**

## 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 15. 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:

When this type of staining occurs it is unlikely that rusting of the stainless steel itself caused the marks. Similar marks can be found with both porcelain and plastic sinks.

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.

### **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.



### **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 TENTUREZ PAS DE RETIRER LE BANDE DE DÉCHARGE PENDANT L'UTILISATION OU QU'IL SOIT CHAUD APRÈS UTILISATION DU 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.

### 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.



### 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 17).

### CLEANING THE BRIQUETTE AND TRAYS:

After allowing the grill to cool completely, turn the briquettes upside-down and operate the grill on high for 30 minutes. After allowing to cool again, return the briquettes to their proper 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 17. 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.

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### **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 28).

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 12. Attempt to match-light a burner according to the procedure on page 15.

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 16 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 13. Also check the air shutter adjustment according to the procedure on page 16.

**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 17 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 24, 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 12. 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 to cool down.

**Figure # 15**  
G940120 - G9 Base  
40 W - 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**

(Figure 16)

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.

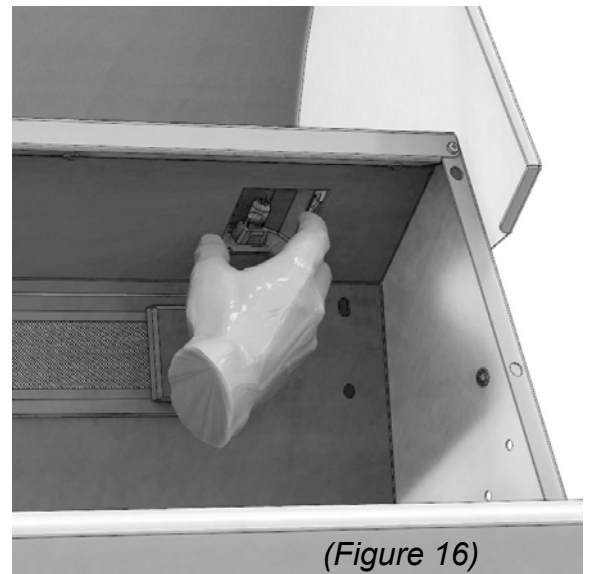
*Always keep halogen lights free of fingerprints and grease when replacing. Because of the light bulb's very high operating temperature, grease or fingerprints left on the light bulb might reduce the bulb's life.*

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.



(Figure 16)

## ***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.

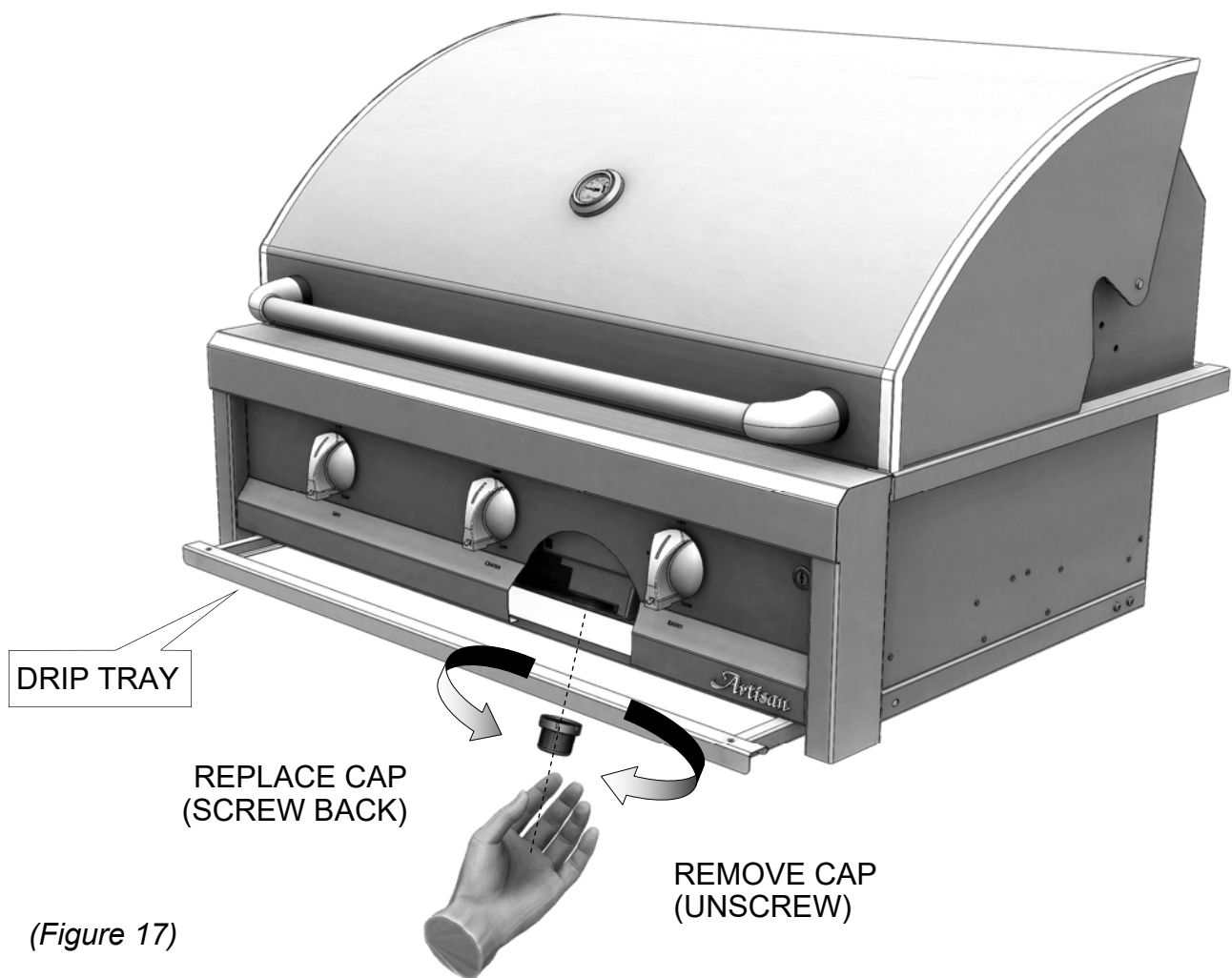
*Refer also to pages 21 ~ 22 for additional Stainless Steel Care tips.*

## 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 **ARTP** models have 115 Volt ignition system, thus no batteries are required or replaced.

# Artisan™ Limited Warranty

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

<b>15 years</b>	- Stainless Steel Burners.
<b>10 Years</b>	- All Stainless Steel Parts.
<b>3 Years</b>	- Ceramic Briquette Trays (briquette excluded).
<b>1 Year</b>	- 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**









# Artisan™ USA

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