

HEATMASTER, LLC

AMERICAN GAS LOG

Installation/Operating Instructions

Models:


AGLSS-24LP or NG
Outdoor Burner/Hearth Kits



INSTALLER: Leave this manual with party responsible for use and operation.

OWNER: Retain this manual for future reference.

 **WARNING: For Outdoor Use Only.**

 **WARNING:** Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

WARNING: Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. An LP-Cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

DANGER

• What to do if you smell gas:

1. Shut off gas to the appliance.
2. Extinguish any open flames.
3. If odor continues, keep away from the appliance and immediately call your gas supplier or the fire department.

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



WARNING

HOT! DO NOT TOUCH.
SEVERE BURNS MAY RESULT.
CLOTHING IGNITION MAY RESULT.

Glass and other surfaces are hot during operation and cool down.

- Keep children away.
- CAREFULLY SUPERVISE children in same room as appliance.
- Alert children and adults to hazards of high temperatures.
- Keep clothing, furniture, draperies and other combustibles away.

DANGER



CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odor. Using it in an enclosed space can kill you. Never use this appliance in an enclosed space such as a camper, tent, car or home.

Read this manual before installing or operating this appliance.
Please retain this owner's manual for future reference.

Congratulations

Congratulations on selecting a Heatmaster/American Gas Log Outdoor gas log set—an elegant and clean alternative to burning wood. The Heatmaster/American Gas Log gas log set you have selected is designed to provide the utmost in safety, reliability, and efficiency.

As the owner of this new gas log set, you'll want to read and carefully follow all of the instructions contained in this owner's manual. Pay special attention to all cautions and warnings.

This owner's manual should be retained for future reference. We suggest you keep it with your other important documents and product manuals.

The information contained in this owner's manual, unless noted otherwise, applies to all models and gas control systems.

Your new gas log set will give you years of durable use and trouble-free enjoyment. Welcome to the Heatmaster/American Gas Log family of appliance products!

Homeowner Reference Information

We recommend that you record the following pertinent information about your gas log set:

Model Name: _____ Date purchased/installed: _____

Serial Number: _____ Location on appliance: _____

Dealership purchased from: _____ Dealer phone: _____

Notes: _____

Check with your local building code agency before you begin installation to ensure compliance with local codes, including the need for permits and follow-up inspections. Installation must be done by a qualified installer approved and/or licensed as required by the locality. If you encounter any problems regarding code approvals, or if you need clarification of any of the instructions contained here, contact the Technical Services Dept., Heatmaster/American Gas Log LLC., 919.331.0078 or 919.331.0079.

1 Listing and Code Approvals

A. Appliance Certification

The Outdoor Lifestyles Burner/Hearth Kits have been tested for outdoor use in the U.S. In accordance with ANSI Z21.97-2017. CSA2.41-2017 Check with your local building code agency prior to installing this appliance to ensure compliance with local codes, including the need for permits and follow-up inspections. In the absence of local codes, comply with the **National Fuel Gas Code, ANSI Z223.1-Latest Edition** in the U.S.; in Canada, the **CAN/CGA B149 Installation Codes**. If any assistance is required during installation, please contact your local dealer or Technical Services Department at 919-331-0078 or 919-331-0079.

B. TABLE 1

Product		AGLSS 18/24LP	AGLSS 18/24NG
Inlet BTU	Nat. LP	63,000	71,000
Manifold Pressure IN. WC / KPa	Nat. LP	11	3.5
Max. Inlet Pressure IN. WC / KPa	Nat. LP	13	10
Min. Inlet Pressure IN. WC / KPa	Nat. LP	11	10
Orifice Size In.	Nat. LP	(#42)	(#26)
Minimum Fireplace Opening Size In. / cm	Front	30"	30"
	Rear	20"	20"
	Depth	16"	16"
	Height	20"	20"
Min. Vent opening in square in.		48"	48"



California Proposition 65 Warning

WARNING: This product and the fuels used to operate this product (liquid propane or natural gas), and the products of combustion of such fuels, can expose you to chemicals including benzene, which is known in the state of California to cause cancer and reproductive harm. For more information go to: www.P65Warnings.ca.gov

2 Getting Started

A. Size of Firebox

See Table 1 in Section 1.B.

B. Tools and Supplies Needed

Tools and supplies normally required for installation:

- Pliers
- Phillips screwdriver
- Tape measure
- Crescent wrenches
- Gas shutoff valve
- Non-corrosive leak check solution
- 3/4 in. wrench, 7/16 in. wrench

C. Inspect the Appliance and Components

- Remove the contents from the carton. Attached to the burner are tags identifying the manufacturer name, serial number, model number (including gas log size), BTU ratings, gas type, etc.
- Review the attached tags before proceeding. Ensure that all minimum fireplace dimension requirements are achieved using one of the Tables in Section 1.B. See Figure 2.1. Ensure the gas type provided in the fireplace coincide with the gas type marked on the tag.

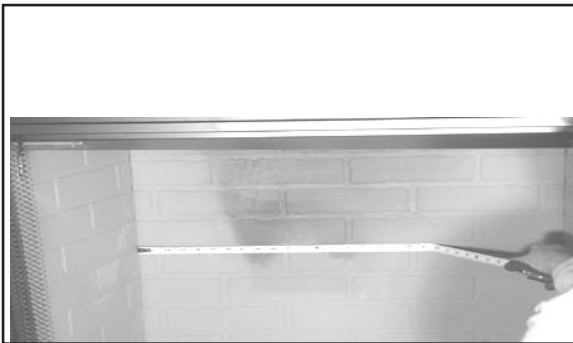


Figure 2.1 Measure Firebox



CAUTION

- Sharp Edges
- Wear protective gloves and safety glasses during installation.



- The burner must be replaced prior to the appliance being put into operation if it is evident that the burner is damaged. Replacement burner AGLSS18/24 manufactured by American Gas Log, 3625 Benson Rd, Angier, NC 27501



WARNING

Do NOT use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.



WARNING



Fire Risk

Exhaust Fumes Risk

- Do NOT use this appliance as a "vent-free" heater.



WARNING

Heatmaster/American Gas Log disclaims any responsibility for, and the warranty will be voided by, the following actions:

- Installation and use of any damaged appliance or vent system component.
- Modification of the appliance or vent system.
- Installation other than as instructed by Heatmaster/American Gas Log.
- Improper positioning of the gas logs or the glass door.
- Installation and/or use of any component part not approved by Heatmaster/American Gas Log.

Any such action may cause a fire hazard.

D. Components of the Gas Hearth Kit

The Heatmaster/American Gas Log Burner/Hearth

Kit consist of the following:

- Burner/Grate Assembly
- Connector tube
- Lava Rock
- Damper Stop
- Regulator Shield (LP units only)
- Universal back log (goes with the log set)
- *Log set boxed seperately

Solid fuels shall not be burned in this appliance.

Keep appliance area clear and free of combustible materials, gasoline, and other flammable vapors and liquids.

The burner must be replaced prior to the appliance being put into operation if it is evident that the burner is damaged.

CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION.

YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE AREA OF THE APPLIANCE.

CLOTHING OR OTHER FLAMMABLE MATERIALS SHOULD NOT BE HUNG FROM THE APPLIANCE, OR PLACED ON OR NEAR THE APPLIANCE.

ANY GUARD OR OTHER DEVICE REMOVED FOR SERVICING THE APPLIANCE SHALL BE REPLACED PRIOR TO OPERATING THE APPLIANCE.

INSTALLATION AND REPAIR SHOULD BE DONE BY A QUALIFIED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A QUALIFIED SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED AS NECESSARY. IT IS IMPERATIVE THAT THE CONTROL COMPARTMENTS, BURNERS, AIR CIRCULATION AND AIR PASSAGEWAYS OF THE APPLIANCE ARE KEPT CLEAN.

Note: A listed (and Commonwealth of Massachusetts approved) 1/2 in. (13 mm) T-handle manual shut-off valve and flexible gas connector are connected to the 1/2 in. (13 mm) control valve inlet.

- **If substituting for these components, please consult local codes for compliance.**

3 Appliance Preparation

Note: When an appliance is for connection to a fixed piping system, the installation must conform with local codes, or in the absence of local codes, with the *National Fuel Gas Code*, *ANSI Z2223.1/NFPA 54* or *International Fuel Gas Code*.

Have the gas supply line installed in accordance with local building codes, if any. If not, follow **ANSI 223.1**. Installation should be done by a qualified installer approved and/or

A. Gas Supply Connection

A 3/8 in. flared fitting has been installed on the gas valve inlet at the factory. Ensure fittings are of the appropriate size and type on the gas line connection. If the tubing has to be cut to length be sure to use the proper cutting and flaring tool. Also, be careful not to crimp the tubing while bending. If the tubing becomes crimped, do not use for installation.

WARNING



Gas Leak Risk

- Support control when attaching pipe to prevent bending gas line.

Joint compound or Teflon tape must be used on all threaded male connections to ensure a tight seal.

WARNING



Fire Risk Explosion Risk Personal Injury Risk



An explosion could occur if a connection is made directly to an unregulated propane (LP) tank.

Note: An individual manual shutoff valve (not supplied) is required when installing this appliance. The manual shutoff valve must be located in an easily accessible area, no more than 6 feet from the appliance.

WARNING





Fire Risk Explosion Risk


Verify inlet pressures.

- High pressure may cause overfire condition.
- Low pressure may cause explosion.


Install regulator upstream of valve if line pressure is greater than 1/2 psig.





WARNING




Shock Risk
Explosion Risk
 Do NOT wire 110V to valve.





WARNING

Fire Risk
Explosion Risk
 High pressure will damage valve.

- Disconnect gas supply piping **BEFORE** pressure testing gas line at test pressures above 1/2 psig.
- Close the manual shutoff valve **BEFORE** pressure testing gas line at test pressures equal to or less than 1/2 psig.






WARNING

Inspect appliance and components for damage. Damaged parts may impair safe operation.

- Do NOT install damaged components.
- Do NOT install incomplete components.
- Do NOT install substitute components.

Report damaged parts to dealer.




WARNING

Fire Risk
Explosion Risk
 Do NOT change the valve settings.

- This valve has been preset at the factory.
- Changing valve settings may result in fire hazard or bodily injury.




WARNING

Shock Risk
Fire Risk
 Use **ONLY** optional accessories approved for this appliance.

- Using non-listed accessories voids warranty.
- Using non-listed accessories may result in a safety hazard.
- Only Heatmaster/American Gas Log approved accessories may be used safely.

B. Gas Pressure

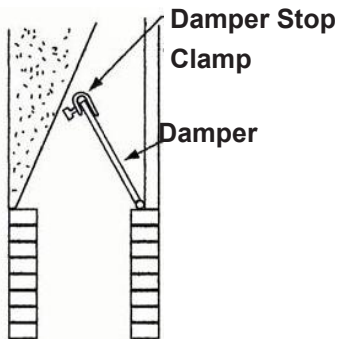
Proper input pressures are required for optimum appliance performance. Gas line sizing requirements need to be made following **NFPA51**.

- **Gas Supply Pressure:** Minimum inlet gas supply pressure must be 11 in. W.C. for LP gas for the purpose of input adjustment. Maximum inlet gas pressure must not exceed 13 in. W.C. for LP gas. The gas line supplying the appliance must be sufficient size to furnish the appropriate supply pressure to the appliance while operating in the "High" setting. (Minimum line ID of 1/2 in. required if the line is longer than 20 ft.
- For Appliances for fixed fuel piping system and equipped with an appliance gas pressure regulator, the required manifold pressure in inches water column.
- **Gas Line Pressure Test:** Perform pressure test according to state and local code (if pressure exceeds 1/2 in. psi [3.5 kPa]) before appliance is connected. Be sure to release air pressure from the gas line before connection is made to the appliance. Excessive pressure will damage the gas control and may cause a gas leak.
- The appliance must only be installed in a solid-fuel burning fireplace *with the flue damper clamped open*.
- The minimum permanent free opening (in square inches) that must be provided by the fireplace chimney or damper to vent the flue gases is provided in Table 1. If the free opening is smaller than the specified area, do not use this appliance.
- The damper must be removed or fixed in a manner in which will secure it open. Some jurisdictions require the damper to be removed or permanently welded fully open. Check with state and local codes.
- Be sure that the chimney is completely unobstructed to ensure proper ventilation of flue gases including carbon monoxide (CO). CO (a poisonous gas) is tasteless, odorless, colorless and undetectable without proper equipment.

4 Installation Instructions

A. Install the Damper Stop

- Open the damper to the fully open position and secure it open with the stop as shown below.
- If the damper stop does not fit your application, use a permanent means that will keep the damper open at least to the minimum vent opening as outlined in Table 1 Section 1.B.



G. Inspect the Venting System

The fireplace venting system is designed and constructed to develop a positive flow adequate to remove flue gases to the outside atmosphere. See fireplace installation instructions.

Cleaning

Periodic examination and cleaning of the venting system of the fireplace should be done before initial use and at least annually by a qualified agency.

B. Install the Stainless Burner/Grate Assembly

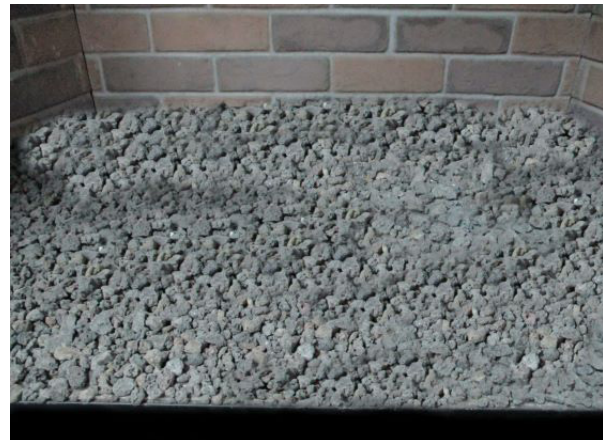
The burner/pan assembly is shipped ready for right-hand gas connection.

- Remove the existing cap or gas jet assembly from the gas stub in your fireplace. Clean the threads using a wire brush or steel wool. Apply Teflon tape or joint compound to the steel fitting and attach the provided brass adapter to the stub.
- Place the burner/pan assembly in the fireplace. The pan should be centered both front to back and side to side.
- Bend the provided gas connector to facilitate its installation between the burner and the gas stub.
- Attach one end of the gas connector to the brass elbow or safety pilot fitting. Attach the other end to the brass adapter at the gas tube.

D.1 Place Lava Rock

- Place the desired amount of lava rock on the floor of the fireplace. **DO NOT** cover any part of the pilot assembly.

Note: Use caution so Lava rock does not get into the air mixer on LP models.



E. Install the Logs

- Install the logs using the installation instructions included with them.
- Light the burner as outlined in the operating section. Allow the flame pattern to stabilize. If you are satisfied with the flame pattern go to the next step.
- Once you are satisfied, turn on the gas and go on to the next step.
- Spread additional lava rock around the outside of the burner pan on the floor of the fireplace.

F. Adjust the Pilot Flame

The pilot flame should be a soft blue color and should surround the last 1/2 in. of the thermocouple tip. The pilot adjustment screw is located on pilot valve beside control knob. Refer to Figure 4.3. If pilot flame must be adjusted, use a standard slotted screwdriver to turn screw clockwise to reduce flame or counterclockwise to increase flame.



Pilot Adjustment Screw

Figure 4.3 Pilot Adjustment Screw

5 Operating Instructions

A. Lighting Instructions

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: IF THESE INSTRUCTIONS ARE NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

- A. This appliance has a pilot that must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- WHAT TO DO IF YOU SMELL GAS**
- Do not try to light any appliance.
 - Do not touch any electrical switch: do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn the gas control handle. Never use tools. If the handle will not push in or turn by hand, do not try to repair it. Call a qualified service technician. Force or attempted repair may result in fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any part of the gas control that has been under water.

LIGHTING INSTRUCTIONS

1. **STOP!** Read the safety information listed above.
2. Turn gas control handle clockwise ↻ to the "OFF" position.
3. Wait 5 minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, **STOP!** Follow "B" in the safety information above. If you do not smell gas go on to next step.
4. Locate pilot (mounted on the right side of the top burner pan).
5. Turn control handle counterclockwise ↻ to the "PILOT" position.
6. Place a lit match at the pilot burner and simultaneously push in on the control handle. This should ignite the pilot.
7. Once the pilot lights, continue to depress the control handle for 1 minute.
8. After 1 minute slowly release control handle and it will pop back out. Pilot should remain lit. If it goes out, repeat steps 1 through 7. If the handle does not pop out when released, stop immediately and call your service technician or gas supplier. If the pilot will not stay lit after several tries, turn the gas control handle to the "OFF" position and call your service technician or gas supplier.
9. Turn gas control handle counterclockwise ↻ to the "ON" position.

TO TURN GAS OFF TO APPLIANCE




Turn gas control handle clockwise ↻ to the "OFF" position. Do not force.



B. Glass Doors

If your fireplace is equipped with glass doors:

- Glass doors should be in fully open position when appliance is operating.
- Operating in the closed position will block the radiant heat output and may cause incomplete combustion of the gas and will cause the gas valve to overheat and be damaged.

	WARNING
	Fire Risk
	Explosion Risk
	Do not close the glass doors during appliance operation.
	<ul style="list-style-type: none">• Could cause incomplete combustion of the gas.

- Glass doors may be closed when the hearth kit is not being used.

C. Important Safeguards

- Other Fuels
 - Although your gas log set is very realistic in appearance, it is not a real woodburning fire and must not be used for burning any fuel other than natural or propane gas.
 - To avoid irreparable damage to the appliance and/or personal injury, wood, matches, paper, garbage or any other material must not be placed or thrown on top of the logs.
- Appliance Safety
 - To avoid personal injury, do not touch hot surfaces when the appliance is operating.
 - Always ensure that the fireplace screen is closed when the appliance is operating.
 - Close supervision is necessary when the appliance is being used near children.
- Do not remove any of the attached metal plates, which contain important safety and operating information.
- Keep the appliance area clear and free of all combustible materials, gasoline and other flammable vapors and liquids.
- **A qualified service technician must perform installation and repair.** The appliance should be inspected and cleaned annually by a qualified service technician. More frequent cleaning may be required due to excessive lint, dust, pet hair, etc. It is imperative that the control compartments, burners and air passageways are unobstructed during operation.
 - Review proper placement of logs and lava rock.
 - Check the wiring.
 - Ensure there are no gas leaks.
 - Ensure the flow of combustion and ventilation air is not obstructed (front grilles and vent caps).
- Before installing into a solid fuel burning fireplace, the

chimney and firebox should be inspected and cleaned to remove soot, creosote, ashes, paint, bird nests etc.

- Annual examination of the chimney must be performed by a qualified agency to ensure proper ventilation of flue gases created by this appliance.
- Have the chimney and adjacent structure inspected and cleaned by qualified professionals. Heatmaster/American Gas Log recommends that NFI certified professionals, or technicians under the direction of certified professionals, conduct a minimum of an **NFPA 211 Level 2** inspection of the chimney.
- Replace component parts of the chimney and fireplace as specified by the professionals.
- Ensure all joints are properly engaged and the chimney is properly secured.
- Do not use a blower insert, heat exchanger insert or other accessories not approved for use with this appliance. Solid fuels shall not be burned in a fireplace where a decorative appliance is installed.
- If glass doors are present, the **glass doors must be fully opened** while appliance is in operation.

6 Maintaining and Servicing the Appliance

A. Servicing Your Appliance

WARNING

Risk of injury or property damage

Before servicing:

- Turn off gas.
- Turn off electricity to appliance.
- Disable remote control, if one is present.
- Ensure appliance is completely cooled.

After Servicing:

- Replace any screen or barrier that was removed.
- Reseal and reinstall any venting removed for servicing.

- Repair and replacement work should be done by a qualified service technician.
- Always shut off the gas supply and make sure the appliance is cool before beginning any service operation.
- Always check for gas leaks after servicing.
- Always check for proper venting.

B. Cleaning Your Appliance

Your gas logs require little care. Keep the burner assembly, logs and burner area surrounding the logs clean by vacuuming or brushing with a dry paint brush at least twice a year.

- The logs become fragile after burning. Take care in handling.
- Always turn off the gas to the pilot before cleaning. For relighting, refer to lighting instructions located Section 5 of these instructions.
- Always keep the appliance clear and free from combustible materials, gasoline, and other flammable vapors and liquids.
- Never obstruct the flow of combustion and ventilation air. Keep the front of the appliance clear of all obstacles and materials.
- Leave clearance of at least 36 in. from the front of the fireplace.
- The air mixer should not be blocked.

CAUTION

- Logs can get very hot. Handle only when they are cool.

C. Annual Inspection

WARNING



Annual inspection by qualified technician recommended.

Check:

- Condition of doors, surrounds and fronts.
- Obstructions of combustion and ventilation air.
- Condition of logs.
- Condition of firebox.
- Gas connections and fittings.
- Obstructions of termination cap.



Clean:

- Glass.
- Logs.
- Burner, burner ports.

Risk of:

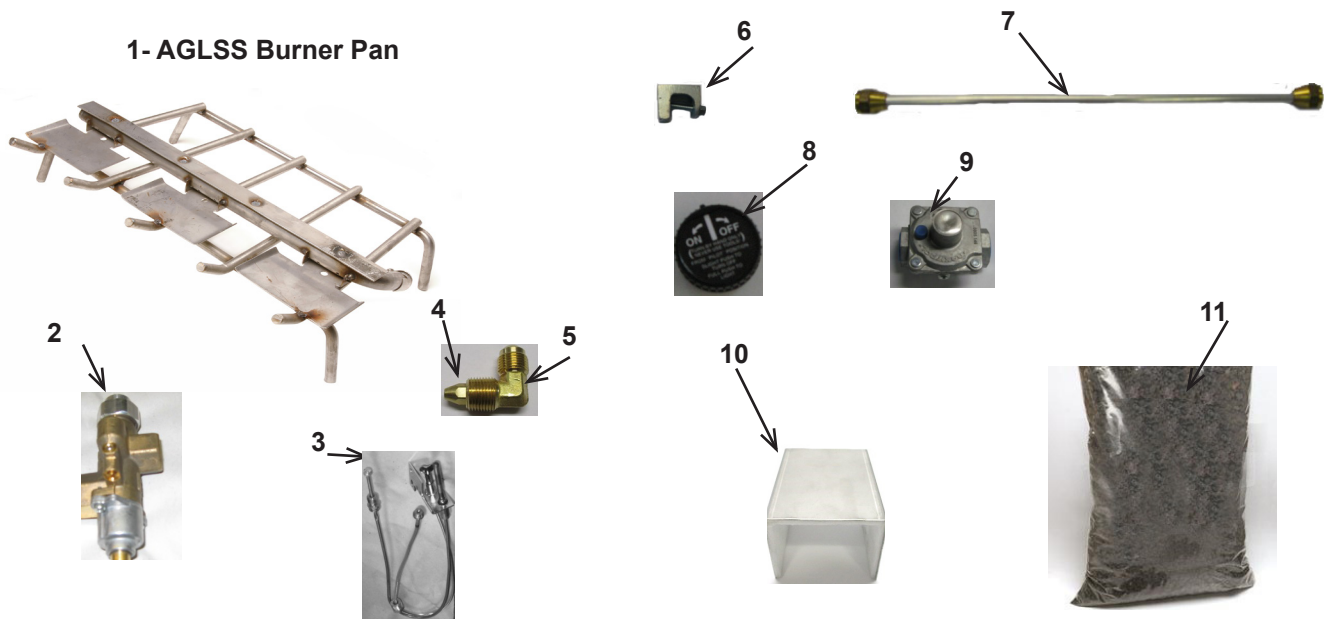
- Fire
- Delayed ignition or explosion
- Exposure to combustion fumes
- Odors

D. Troubleshooting

With proper installation and maintenance, your new decorative gas appliance should provide years of trouble-free service. If you do experience a problem, refer to the troubleshooting guide below. This guide will assist you or a qualified service technician in the diagnosis of problems and the corrective action to be taken.

Symptoms	Possible Causes	Corrective Action
1. A match will not light the pilot.	A. Main gas shutoff valve is closed	1. Make sure that the shutoff valve located on the incoming gas line is open.
	B. There is air in the gas line.	1. Light a match. Turn the valve knob to the "PILOT" position and depress. Keep the match near the pilot burner until it lights.
	C. The valve knob is in the "OFF" position.	1. Turn the valve knob to the "PILOT" position and depress. Keep the match near the pilot burner until it lights.
	D. The pilot orifice is plugged, not allowing gas to flow.	1. This repair requires tools and some degree of experience. Call a qualified service technician.
	E. There is no gas supply to the fireplace.	1. Check the plumbing to ensure the fireplace has been hooked up the gas supply line.
		2. The propane tank is empty.
2. The pilot lights, but will not stay lit after carefully following lighting instructions.	A. The thermocouple is too tight or too loose.	1. The thermocouple must be attached to the valve finger-tight plus a 1/8 turn with a wrench.
	B. There is a weak pilot flame.	1. The pilot flame must engulf the thermocouple. Clean and/or adjust the pilot for maximum flame impingement on the thermocouple.
	C. Defective thermocouple	1. Check the thermocouple with a millivolt meter as follows: Disconnect the thermocouple from the valve and connect the red lead of the meter to the silver end of the thermocouple. Connect the black lead of the meter to the copper tubing of the thermocouple. Light the pilot and keep the knob depressed while taking readings. The meter readings should be greater than 14 mV. If not, replace the thermocouple.
3. The pilot is on, but there is no gas to the main burner; the valve knob is on.	A. A blockage is preventing gas flow.	1. Inspect the burner orifice for obstruction. Call a qualified service technician.
	B. Defective valve.	1. Replace the gas valve. Call a qualified service technician.

HEATMASTER/AMERICAN GAS LOG



#	Description of Part	P/N	Qty.
1	AGLSS20 Burner/Grate Assembly	AGLSS	1
2	Valve	07-1025	1
3	Pilot Assy - LP	E61L503B1	1
3	Pilot Assy- Natural	07-1008	1
4	Orifice	01-1010	1
5	Elbow	11-1300	1
6	Damper Stop Assembly	10-1065	1
7	Connector Tube (18 inch)	3818NXN	1
8	Control Knob	07-1030	1
9	Regulator (LP only)	08-1030	1
10	Regulator Shield (LP only)	MT-700-HS	1
11	ACC10	Lava Rock	1
	Install Manual	IM-128	

OUTDOOR BURNER LIMITED WARRANTY

Heatmaster/American Gas Log, LLC (HM/AGL) Outdoor Products Limited One Year Warranty

HM/AGL, LLC extends the following warranty for the logs and stainless steel burner assembly for the Outdoor Burner used only in the United States of America or Canada. Dealers and employees of HM/AGL, LLC have no authority to make any warranty or authorize any remedies in addition to or inconsistent with the terms of this warranty. This warranty gives you specific legal rights. You may also have other rights that vary from state to state.

HM/AGL, LLC warrants that this Outdoor Product (the "Product") will be free from defects in material and workmanship for a period of one year from its date of purchase. This warranty is subject to the conditions, exclusions and limitations described below.

This warranty applies only to the original owner of the Product and is non-transferable. HM/AGL, LLC's obligation under this warranty does not extend to damages resulting from (1) assembly, operation or maintenance of the Product not in accordance with the Installation/Assembly Instructions, Operating Instructions and the Listing Agency Identification Label furnished with the Product; (2) installation or use which does not comply with local building codes and ordinances; (3) shipping, improper handling, improper operation, abuse, misuse, accident or unworkmanlike repairs; (4) use of fuels other than those specified in the Operating Instructions; (5) installation or use of components not supplied with the Product or any other components not expressly authorized and approved in writing by HM/AGL, LLC; and/or (6) modification of the Product not expressly authorized and approved in writing by HM/AGL, LLC. Any of the circumstances described in the previous sentence voids this warranty. This warranty is void if the Product or any component has been removed, repaired, or replaced before HM/AGL, LLC has been afforded a reasonable opportunity to inspect the Product.

This warranty is limited to the replacement or repair of defective components or workmanship and HM/AGL, LLC may fully discharge its obligations under this warranty by repairing or replacing, at its discretion, the defective components. HM/AGL, LLC will provide replacement parts at no charge and will pay reasonable and necessary labor and freight costs related to replacing or repairing defective components under this warranty. The maximum amount recoverable under this warranty is limited to the purchase price of the Product and, if HM/AGL, LLC is unable to provide replacement or repair in an expedient and cost-effective manner, HM/AGL, LLC may discharge all obligations under this warranty by refunding the purchase price of the Product.

EXCEPT TO THE EXTENT PROVIDED BY LAW, HM/AGL, LLC MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO THE DURATION OF THE WARRANTY SPECIFIED ABOVE. IN NO EVENT SHALL HM/AGL, LLC BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY DEFECTS IN THE PRODUCT. Some states do not allow limitations on how long an implied warranty lasts, or do not allow exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you.

To obtain service under this warranty, you must:

1. Send written notice of the claimed condition to: HM/AGL, LLC, 3625 Benson Rd, Angier, NC 27501 (919-331-0078)
2. Affirm that you are the original owner of the Product.
3. Provide HM/AGL, LLC reasonable opportunity to investigate the claim, including reasonable opportunity to inspect the Product prior to any repair or replacement work and before the Product or any component of the Product has been removed.
4. Obtain HM/AGL, LLC's consent to any warranty work before the work is done.