



**Models: FG21SP-NG
FG21SP-LP
Decorative Gas Log Set
For Use With The Fogata
Grande only**






CAUTION

DO NOT DISCARD THIS MANUAL




- Important operating and maintenance instructions included.
- Read, understand and follow these instructions for safe installation and operation.
- Leave this manual with party responsible for use and operation.



⚠ WARNING

If the information in these instructions is not followed exactly, a fire may result causing property damage, personal injury, or death.


- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **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 the gas supplier's instructions.
 - If you cannot reach your gas supplier, call 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.**


Cast iron and other surfaces are hot during operation and cool down.



- Keep children away.
- CAREFULLY SUPERVISE children around the firepit.
- Alert children and adults to hazards of high temperatures.
- Keep clothing, furniture, draperies and other combustibles away.



Installation and service of this appliance should be performed by qualified personnel. Hearth & Home Technologies suggests NFI certified or factory-trained professionals, or technicians supervised by an NFI certified professional.



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

Congratulations

Congratulations on selecting a Quadra-Fire decorative gas log set. The Fogata Grande you have selected is designed to provide the utmost in safety, reliability, and entertainment.

As the owner of a Fogata Grande, 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 Fogata Grande will give you years of durable use and trouble-free enjoyment. Welcome to the Quadra-Fire family of appliance products!

Homeowner Reference Information

We recommend that you record the following pertinent information about your appliance:

Model Name: _____ Date purchased/installed: _____

Serial Number: _____ Location on appliance: _____

Dealership purchased from: _____ Dealer phone: _____

Notes: _____

Listing Label Information/Location

The model information regarding your specific appliance can be found on the rating plate located in the control area of the appliance.

Tested and
Listed by

OMNI-Test Laboratories, Inc.

Beaverton
Oregon USA

LISTED
OUTDOOR
GAS FIREPLACE

Quadra-Fire
20802 Kensington Blvd
Lakeville, MN 55044

Models: FG21SP-NG
FG21SP-LP
Outdoor Gas Fireplace
Type of Gas:

MFG. DATE:

Serial #:

Min. Gas Supply for input Adj.
Max. Gas Supply:
Manifold Pressure:

WARNING: Must Not Be Used For Cooking
WARNING: For Outdoor Use Only

MINIMUM CLEARANCES: Bottom: 0 inch Top: 8 Ft.

Minimum clearances from side and back of unit to adjacent combustible construction below top of unit, 24 inches from side and 24 inches from back. Minimum horizontal clearances from sides and back of unit to adjacent vertical combustible construction extending above top of unit, 24 inches from sides and 24 inches from back.

This appliance must be installed in accordance with local codes, if any. If none, follow ANSI Z223.1 installation codes

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1 Listing and Code Approvals

A. Appliance Certification

MODELS: Fogata Grande
LABORATORY: OMNI
TYPE: Decorative Gas Log Set
STANDARD: **IAS US requirements for Outdoor Gas Fireplaces, Draft 4-96 and ANSI Z21.58-1995/CGA 1.6 M96**

The Fogata Grande has been tested in accordance with **IAS US requirements for Outdoor Gas Fireplaces, Draft 4-96 and ANSI Z21.58-1995/CGA 1.6-M96** for Canada and has been listed by OMNI for installation and operation as described in these installation and operating instructions.

The installation must conform with local codes or, in the absence of local codes, with the **National Fuel Gas Code ANSI Z223.1** or **CAN/CGA-B149.1, National Gas Installation Code** or **CAN/CGA-B149.2, Propane Installation Code**.

B. BTU Specifications

Model	Max Input BTUH	Orifice Size
FG21SP-NG		
FG21SP-LP		

2 Getting Started

This appliance is a Decorative Gas Log Set for **OUTDOOR USE ONLY** and **MUST NOT** be used for cooking.

Place the Fogata Grande on a flat and stable non-combustible surface in an outdoor location such as a patio. This location must be adjacent to the gas supply line. **DO NOT locate the appliance where it can get excessively wet or submerged in water.**

A. Design and Installation Considerations

When planning an appliance installation, it's necessary to determine the following information before installing:

- Where the appliance is to be installed. **See Sections 3 and 4.**
- Gas supply piping. **See Section 5.**
- Framing and finishing details. **See Sections 3 and 4.**

B. Tools and Supplies Needed

Before beginning the installation be sure that the following tools and building supplies are available.

Gloves
Safety glasses
Flat blade screwdriver
Non-corrosive leak check solution
Wrenches
Drill and hex head drivers
Masonry drill bit

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.

CAUTION

Check building codes prior to installation.

- Installation **MUST** comply with local, regional, state and national codes and regulations.
- Consult insurance carrier, local building, fire officials or authorities having jurisdiction about restrictions, installation inspection, and permits.

WARNING



Asphyxiation Risk

- This gas log set is for outdoor use in a well-ventilated space.
- Log set must not be installed inside an enclosed structure or unvented appliance.



WARNING

Hearth & Home Technologies disclaims any responsibility for, and the warranty will be voided by, the following actions:

- Installation and use of any damaged components.
- Modification of the burner or log assemblies.
- Installation other than as instructed by Hearth & Home Technologies.
- Improper positioning of the gas logs.
- Installation and/or use of any component part not approved by Hearth & Home Technologies.

Any such action may cause a fire hazard.

CAUTION





Sharp Edges

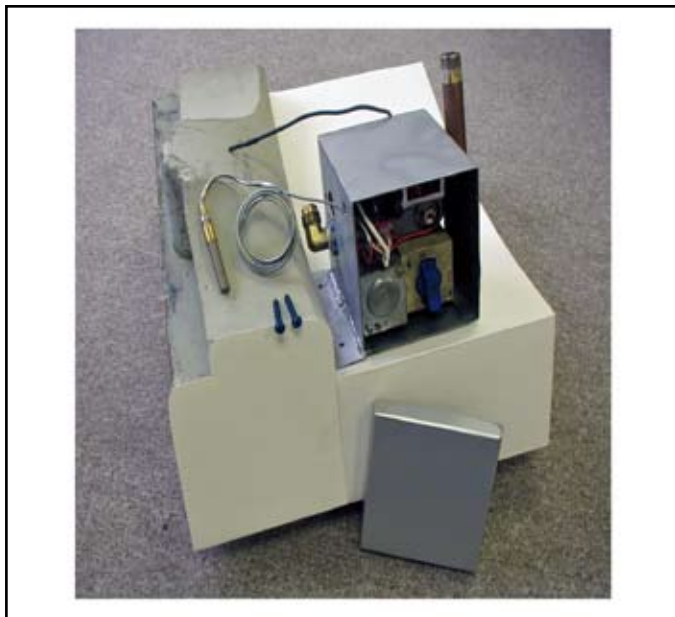
- Wear protective gloves and safety glasses during installation.



C. Inspect the Appliance and Components

	WARNING Inspect appliance and components for damage. Damaged parts may impair safe operation.
	<ul style="list-style-type: none">• Do NOT install damaged components.• Do NOT install incomplete components.• Do NOT install substitute components. Report damaged parts to dealer.

- Carefully remove the appliance and components from the packaging
- The gas logs may be packaged separately and must be field installed.
- Report to your dealer any parts damaged in shipment.
- **Read all of the instructions before starting the installation. Follow these instructions carefully during the installation to ensure maximum safety and benefit.**



Valve Control Box Assembly



Burner Assembly

3 Framing and Clearances

Note:

- Illustrations reflect typical installations and are FOR DESIGN PURPOSES ONLY.
- Illustrations/diagrams are not drawn to scale.
- Actual installation may vary due to individual design preference.



WARNING



Fire Risk

Provide adequate clearance:

- Around air openings.
- For service access.

Locate appliance away from traffic areas.

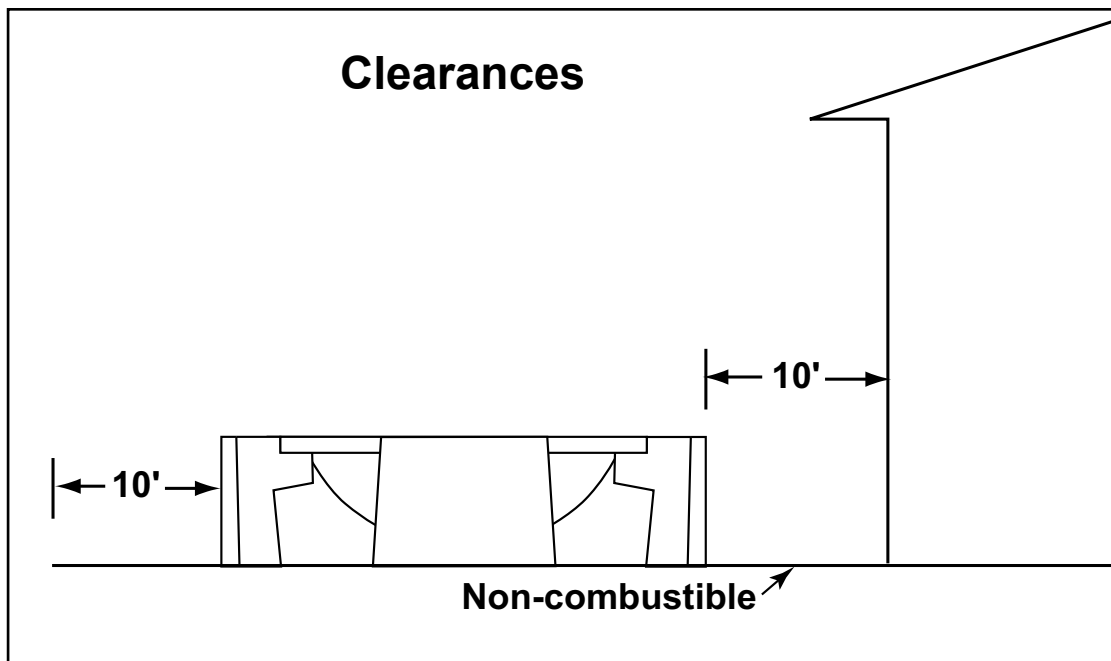
A. Select Appliance Location

When selecting a location for your appliance it is important to consider the required clearances to all combustibles.

B. Clearances

Place the Fogata Grande on a flat stable surface. The clearance requirements to any combustible material, to any side, is a minimum of 24 inches.

Combustible materials are not allowed over the top of the Fogata Grande.



4 Appliance Set Up

1) After placing the Fogata Grande in the desired location, locate the oval hole in the fire bowl and be sure it is positioned towards the leg where the gas connection is to be made.

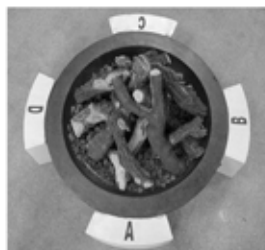


Figure 1

2) With the letters provided, using tape, identify leg “A” as the leg to which the gas valve assembly will be attached.

Moving counter clock wise, lable the remaining legs “B”, “C” and “D” as shown in Figure 1. This will assit you in installing the logs after the gas connections have been made.



Figure 2

3) As shown in Figure 2, lay leg “A” on its face (on a smooth non abrasive surface to prevent damaging the surface) to begin the assembly of the gas system.

As show, place the gas valve control box on the inside of leg “A”. Locate the open end of the box assembly 1/2 inch back from the edge of the leg as shown in Figure 1.

Next position the top flange with the two key hole anchoring holes approximately 3/4 inch down from the seam as shown. Secure the two masonry screws through the top of the holes provided into the leg. Do not completely tighten since the control box will need to be removed in order to complete the final installation.

Once the screws have been installed, remove the valve control box in order to assemble the other componenets.



Figure 3

4) Take the pilot assembly, Figure 3, and locate the label on the burner that indicates the location for the pilot assembly. Insert the pilot hood over the burner tube and slide it forward so the top front clip slides over the tube of the burner. The lower bracket on the right side will need to be bent up with pliers to lock the pilot hood in place.

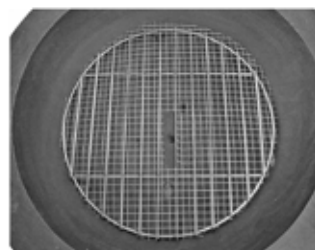


Figure 4

5) Place the stainless steel grate (heavy round bar grate, supplied with fire pit) in position in the lower part of the bowl. This grate will rest on top of the lower tabs.

Next place the screen over the grate so that the oval opening in the screen lines up with the direction of the stainless bars on the grate as shown in Figure 4.

Feed the burner flex line, pilot tube and piezo ignitor wire down through the center of the screen and grate and through the oval hole in the side of the bowl

The burner will rest flat on the upper tabs on the inside of the bowl.

6) With the valve control box under the edge of the bowl, connect the pilot tube in the hole as shown in picture.

The stainless steel flex connector is to be connected to the brass elbow located on the top of the valve control box.

The piezo ignitor lead is to be connected to the ignitor lead coming out of the valve control box.

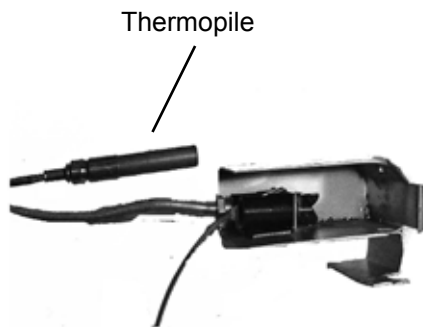


Figure 5

7) Feed the thermopile up through the oval hole in the bowl and insert it into the open hole in the pilot assembly. Ensure that the thermopile snaps into place and is securely in position to ensure proper connection.

8) Replace leg "A" under the Fogata Grande bowl and secure the valve control box on the two screws previously installed in step 3



9) With all the gas components now securely in place, take the lava rock supplied and spread it over the screen so that it covers the sides of the burner but ensure it does not cover the top of the burner in order to ensure proper flame

10) Log Installation and placement instructions for the log set are provided with the log set



5 Gas Information

A. Fuel

Before making gas connections ensure appliance being installed is compatible with the available gas type.

B. Gas Pressure

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



WARNING

Fire Risk
Explosion Risk

Verify inlet pressures.

- High pressure may cause overfire condition.
- Low pressure may cause explosion.
- Verify minimum pressures when other household gas appliances are operating.

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

Pressure requirements for appliance are shown in table below. Minimum pressures must be met when other household gas appliances are operating.



Pressure	Natural Gas	Propane
Minimum Inlet Pressure	5.0 in. w.c.	11.0 in. w.c.
Maximum Inlet Pressure	7.0 in. w.c.	14.0 in. w.c.

C. Gas Connection

Note: 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 licensed as required by the locality. (In the Commonwealth of Massachusetts installation must be performed by a licensed plumber or gas fitter.)

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.**






WARNING

Fire Risk
Explosion Risk

- Gas build-up during line purge may ignite.
- Purge should be performed by qualified technician.
- Ensure adequate ventilation.
- Ensure there are no ignition sources such as sparks or open flames.

- Incoming gas line should be piped to the 1/2 in. connection.
- A small amount of air will be in the gas supply lines. When first lighting appliance it will take a short time for air to purge from lines. Subsequent lighting of the log set will not require such purging.



WARNING

CHECK FOR GAS LEAKS




Fire Risk
Explosion Risk
Asphyxiation Risk





- Check all fittings and connections.
- Do not use open flame.
- After the gas line installation is complete, all connections must be tightened and checked for leaks with a commercially available, non-corrosive leak check solution. Be sure to rinse off all leak check solution following testing.




Fittings and connections may have loosened during shipping and handling.




D. Gas Pressure

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

 WARNING	
	Fire Risk
	Explosion Risk
High pressure will damage valve.	
<ul style="list-style-type: none">• 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	
	CHECK FOR GAS LEAKS
	Fire Risk
	Explosion Risk
Asphyxiation Risk	
<ul style="list-style-type: none">• Check all fittings and connections.• Do not use open flame.• After the gas line installation is complete, all connections must be tightened and checked for leaks with a commercially available, non-corrosive leak check solution. Be sure to rinse off all leak check solution following testing.	
Fittings and connections may have loosened during shipping and handling.	

 WARNING	
	Fire Risk
	Explosion Risk
Do NOT change the valve settings.	
<ul style="list-style-type: none">• This valve has been preset at the factory.• Changing valve settings may result in fire hazard or bodily injury.	

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

- **Gas Supply Pressure:** Minimum inlet gas supply pressure must be 4.5 in. W.C. for natural gas or 11 in. W.C. for LP gas for the purpose of input adjustment. Maximum inlet gas pressure must not exceed 7.0 in. W.C. for natural gas or 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.
- **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.
- **Gas Leak Test:** Make sure the gas connections are tight. Turn on the gas and coat each joint with a non-corrosive gas leak check solution. Air bubbles will form indicating any leaks. **DO NOT USE A FLAME OR ANY TYPE OF IGNITION SOURCE TO CHECK FOR LEAKS.** All leaks must be corrected before proceeding with installation.

E. High Altitude Installations

OMNI gas appliances are tested and approved without requiring changes for elevations from 0 to 2000 ft in the USA and Canada.

When installing this appliance at an elevation above 2000 ft, it may be necessary to decrease the input rating by changing the existing burner orifice to a smaller size. Input rate should be reduced by 4% for each 1000 ft above a 2000 ft elevation in the U.S.A., or 10% for elevations between 2000 and 4500 ft in Canada. If the heating value of the gas has been reduced, these rules do not apply. To identify the proper orifice size, check with the local gas utility.

If installing this appliance at an elevation above 4500 ft (in Canada), check with local authorities.

6 Operating Instructions

A. Before Lighting Appliance

- Before lighting this appliance, ensure the manual shutoff valve is open.

Before operating this appliance, have a qualified technician:

- Inspect the burner before each use of the gas log set. If there is any evidence that the burner is damaged, it must be replaced before operating.
- Review proper placement of logs.
- Ensure that there are no gas leaks.
- Ensure that the flow of combustion and ventilation air is not obstructed.

WARNING

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agent

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

Burn Risk

HOT! DO NOT TOUCH.



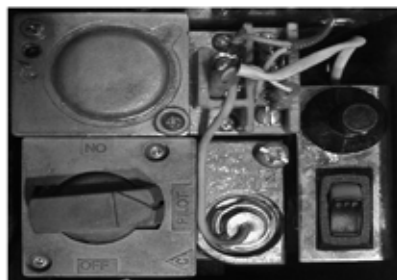
SEVERE BURNS MAY RESULT.

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.

Valve Control Knob



Piezo

On/Off Switch

WARNING

The lighting instructions and operation of the unit are described on the following instructional page and MUST be followed to ensure the safe operation of this appliance.

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 the 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 gas control that has been under water.

LIGHTING INSTRUCTIONS

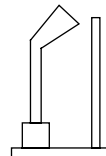
1. **STOP!** Read the safety information previously listed above.
2. Turn gas control handle clockwise  to the "OFF" position.
3. Wait 5 minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the 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 and immediately call your service technician or gas supplier.
 - If the pilot will not stay lit after several tries, turn the gas control handle to "OFF" and call your service technician or gas supplier.
9. Turn gas control handle counterclockwise  to "ON".

TO TURN OFF GAS TO APPLIANCE

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

Control Knob

(Shown in "Pilot" Position)



Thermocouple

Pilot Burner Assembly

B. After the Appliance is Lit

Initial Break-in Procedure

When you light the appliance, you may notice that it produces heat which may have an odor or smell. If you feel this odor is excessive it may require the initial three to four hour continuous burn on high followed by a second burn up to 12 hours to fully drive off any odor from paint and lubricants used in the manufacturing process.

Note: This appliance should be run three to four hours on the initial start-up. Turn it off and let it cool completely. This will help cure the products used in the paint and logs.



WARNING

Fire Risk

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

- Do NOT store flammable materials in the vicinity of the appliance.
- Do NOT use gasoline, lantern fuel, kerosene, charcoal lighter fluid or similar liquids in this appliance.

Combustible materials may ignite.



WARNING

Fire Risk

High Temperatures

Keep combustible household items away from appliance.

- Do NOT obstruct combustion and ventilation air.
- Do NOT place combustible items on top of or near appliance.
- Keep furniture, draperies away from appliance.

7 Troubleshooting

A. 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 or piezzo 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. 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.
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.

8 Maintaining and Servicing the Appliance

Although the frequency of appliance servicing and maintenance will depend on use and the type of installation, a qualified service technician should perform an appliance check-up annually.

WARNING

Risk of injury or property damage

Before servicing:

- Turn off utilities to appliance.
- Ensure appliance is completely cooled.

WARNING



Annual inspection by qualified technician recommended.

Check:

- Obstructions of combustion and ventilation air.
- Condition of logs.
- Condition of burner assembly.
- Burner ignition and operation.
- Burner air shutter adjustment.
- Gas connections and fittings.



Risk of:

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

Maintenance and Service Tasks:

Inspect	Maintenance Tasks	
Burner Assembly	1	Remove logs and examine burner. Vacuum and wipe out dust, cobwebs, debris or pet hair. Use caution when cleaning these areas. Screw tips that have penetrated the sheet metal are sharp and should be avoided.
	2	Remove any foreign objects
	3	Inspect for paint condition, warpage, corrosion. Sand and repaint as necessary.
	4	Verify unobstructed air circulation.
Logs	1	Inspect for broken, damaged or missing logs. Replace as necessary.
	2	Verify correct log placement and no flame impingement causing sooting. Correct as necessary.
	3	Verify logs are clean and carbon (soot) free. Logs may be cleaned with a dry bristle brush or dry cloth. Handle logs with care as they are fragile and easily damaged.
Burner ignition and operation	1	Verify all gas connections are tight and leak-free.
	2	Clean off burner top corrosion or deterioration. Replace burner if necessary.
	3	Check for smooth lighting and ignition carryover to all ports. Verify there is no ignition delay.
	4	Inspect for lifting or other flame problems.
	5	Inspect orifice for soot, dirt or corrosion.
	6	Verify manifold and inlet pressures. Adjust regulator as required.

9

Reference Materials

A. Service Parts List

Service Parts

FOGATA GRANDE



#	Description of Part	Part Number	Qty.
1	Valve Assembly Complete		1
2	Thermopile		1
3	Burner Assembly Complete		1
4	Pilot Assembly (without Thermopile)		1

B. Logs**Log 1****Log 2****Log 3****Log 4****Log 5****Log 6****Log 7****Log 8****Log 9**

#	Description of Part	Part Number	Qty.
1	Log 1		1
2	Log 2		1
3	Log 3		1
4	Log 4		1
5	Log 5		1
6	Log 6		1
7	Log 7		1
8	Log 8		1
9	Log 9		1

B. Logs (continued)



Log 10



Log 11



Log 12



Log 13



Log 14



Log 15



Log 16



Log 17

#	Description of Part	Part Number	Qty.
1	Log 10		1
2	Log 11		1
3	Log 12		1
4	Log 13		1
4	Log 14		1
5	Log 15		1
6	Log 16		1
7	Log 17		1

C. Limited Lifetime Warranty



Hearth & Home Technologies Inc. Outdoor Products Limited One Year Warranty

Hearth & Home Technologies Inc. extends the following warranty for Hearth & Home Technologies outdoor products used in the United States of America or Canada. Dealers and employees of Hearth & Home Technologies 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.

Hearth & Home Technologies warrants that this Hearth & Home Technologies 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. Hearth & Home Technologies' 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 Hearth & Home Technologies; and/or (6) modification of the Product not expressly authorized and approved in writing by Hearth & Home Technologies. 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 Hearth & Home Technologies 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 Hearth & Home Technologies may fully discharge its obligations under this warranty by repairing or replacing, at its discretion, the defective components. Hearth & Home Technologies 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 Hearth & Home Technologies is unable to provide replacement or repair in an expedient and cost-effective manner, Hearth & Home Technologies may discharge all obligations under this warranty by refunding the purchase price of the Product.

EXCEPT TO THE EXTENT PROVIDED BY LAW, HEARTH & HOME TECHNOLOGIES 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 HEARTH & HOME TECHNOLOGIES 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: The Technical Services Department, Hearth & Home Technologies Inc., Mt. Pleasant, 1915 W. Saunders St., Mt. Pleasant, IA 52641 (phone: 1-800-927-6841).
2. Affirm that you are the original owner of the Product.
3. Provide Hearth & Home Technologies 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 Hearth & Home Technologies' consent to any warranty work before the work is done.