

# INSTALLATION AND OPERATION GUIDE FOR



## Island Products Outdoor Gas Log Set



For all models tested through OMNI-Test Laboratories, Inc., to ANSI Z21.60-2003/CGA 2.26-2003, Decorative Appliance. For model number and O-TL seal refer to attached nameplate.

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



**FOR YOUR SAFETY**  
Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

**FOR YOUR SAFETY**  
**WHAT TO DO IF YOU SMELL GAS**

1. Do not try to light any appliance.
2. Do not touch any electrical switch; do not use the phone in your building.
3. Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
4. If you cannot reach your gas supplier, call the fire department.

**WARNING:** If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

**RECOMMENDED BURN –IN PERIOD**  
Island Products gas logs are made of special refractory materials, which withstand high temperatures. One characteristic of this material is retention of moisture. For this reason, we recommend burning the logs for only fifteen minutes during the first burning. After allowing the logs to cool for at least one hour, the set can be burned for any length of time.

## IMPORTANT INFORMATION

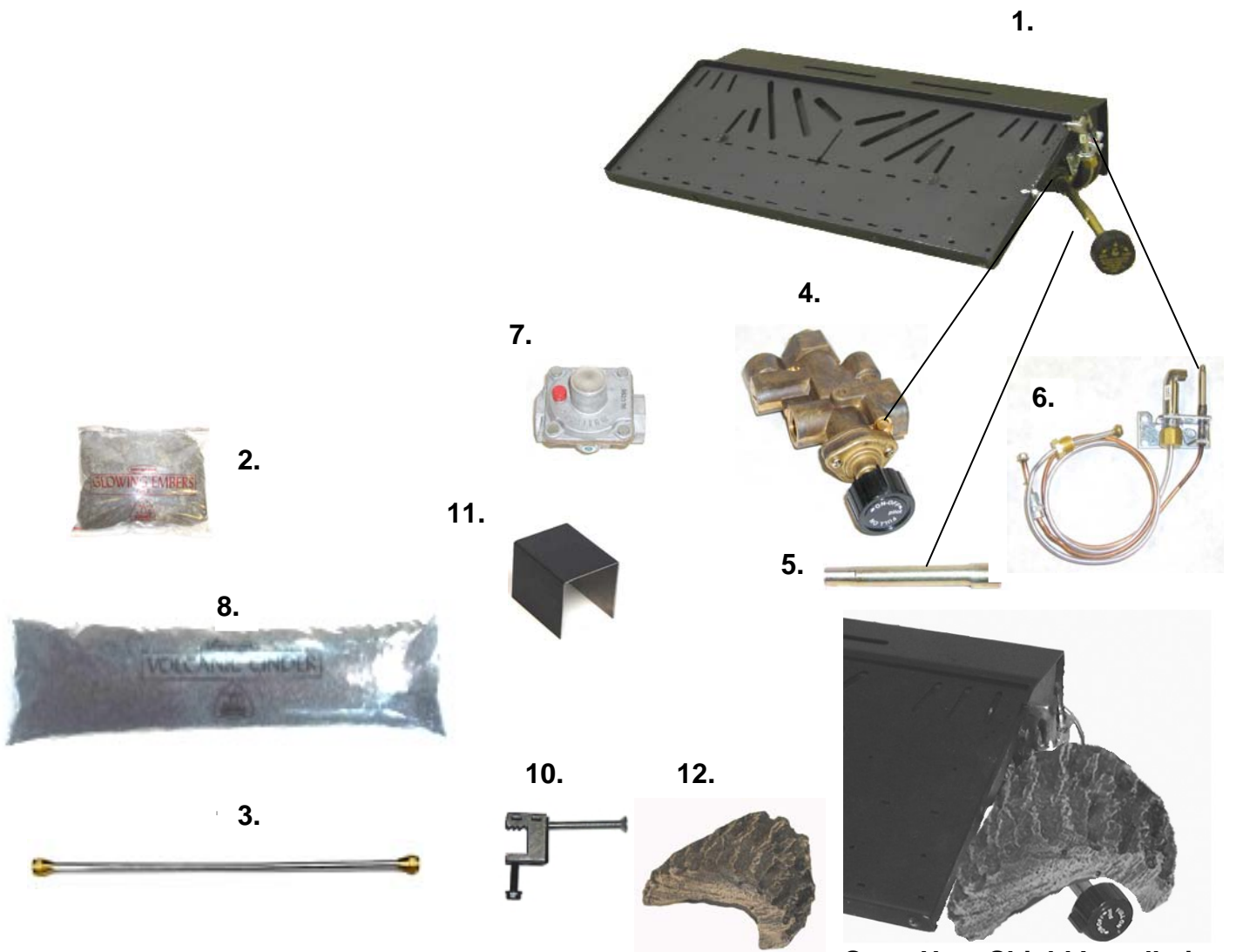
**WARNING: This appliance assembly contains burner orifices specifically for the input gas and Btu rating. Modifying or failure to use the factory orifice may cause property damage, personal injury or loss of life.**

1. Do not use a natural gas set for propane or a propane set for natural gas.
2. There are many different local codes for gas fire logs. The installation and the provision for combustion and ventilation air must conform to local codes and, or in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1 – (most current revision).
3. This product must be installed by a licensed plumber or gasfitter when installed in the Commonwealth of Massachusetts.
4. When glass fireplace doors are used, always operate gas log set with the doors fully open to allow for proper combustion air and to keep control valves from overheating.
5. The minimum inlet supply pressure for the purpose of input adjustment is 5.0 inches (natural gas) 11 inches (propane gas) in water column. The maximum inlet supply pressure is 10.5 inches (natural gas) 13 inches (propane gas) in water column.
6. The appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5kPa). The appliance must be isolated from the gas supply piping system by closing its individual manual valve during pressure testing equal to or less than 1/2 psig (3.5kPa).
7. After burning for several hours the logs become fragile and should not be handled. Knocking or rubbing logs can cause concrete to crumble and is not covered under the warranty.
8. To clean the logs, use a soft dry paintbrush for periodic dusting of the gas fire logs.
9. To clean the burner, shut off the gas supply, remove the burner pan media, and vacuum the burner ports. After cleaning, replace burner pan media and light the pilot according to the lighting instructions.

# INSTALLING ISLAND PRODUCTS GAS LOGS

## PARTS LIST

<u>ITEM DESCRIPTION</u>	<u>PE(N,P)181BFS</u>	<u>PE(N,P)241BFS</u>
1. Burner	SF-14	SF-18
2. Embers	RW	RW
3. Aluminum Connector	AC-18	AC-18
4. Concentric Pilot Control	CPC	CPC
5. Extension Handle	(2) SPC-EH	(2) SPC-EH
6. Pilot Burner <b>LP</b>	RSTPB-18LP	RSTPB-18LP
Pilot Burner <b>NG</b>	RSTPB-18	RSTPB-18
7. Regulator <b>LP</b>	REG 10.0	REG. 10.0
Regulator <b>NG</b>	REG 4.0	REG 4.0
8. Volcanic Cinders	VC	VC
9. Burner Orifice <b>LP</b> – not shown	BO-44	BO-42
Burner Orifice <b>NG</b> – not shown	BO-28	BO-24
10. Fire Logs <b>Not Shown</b>		
11. Regulator Heat Shield	HS-REG	HS-REG
12. Heat Shield for Valve Stem	HSFCL	HSSFCL



**Stem Heat Shield Installation**

## BURNER POSITIONING

1. Turn the gas **off**.
2. Center the **Burner** on the fireplace floor with the burner sloped down toward the front of the fireplace. **See Figure 1**

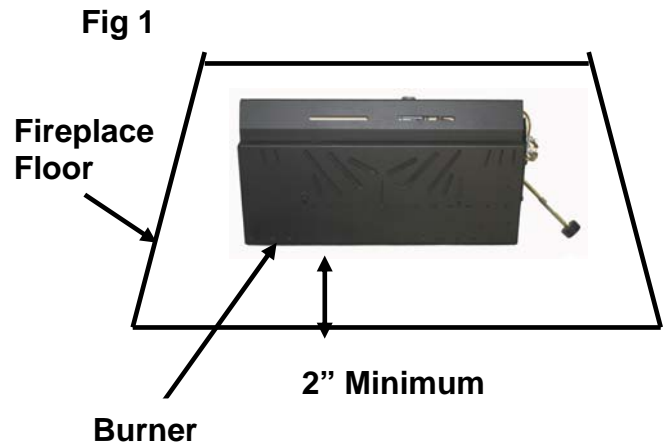
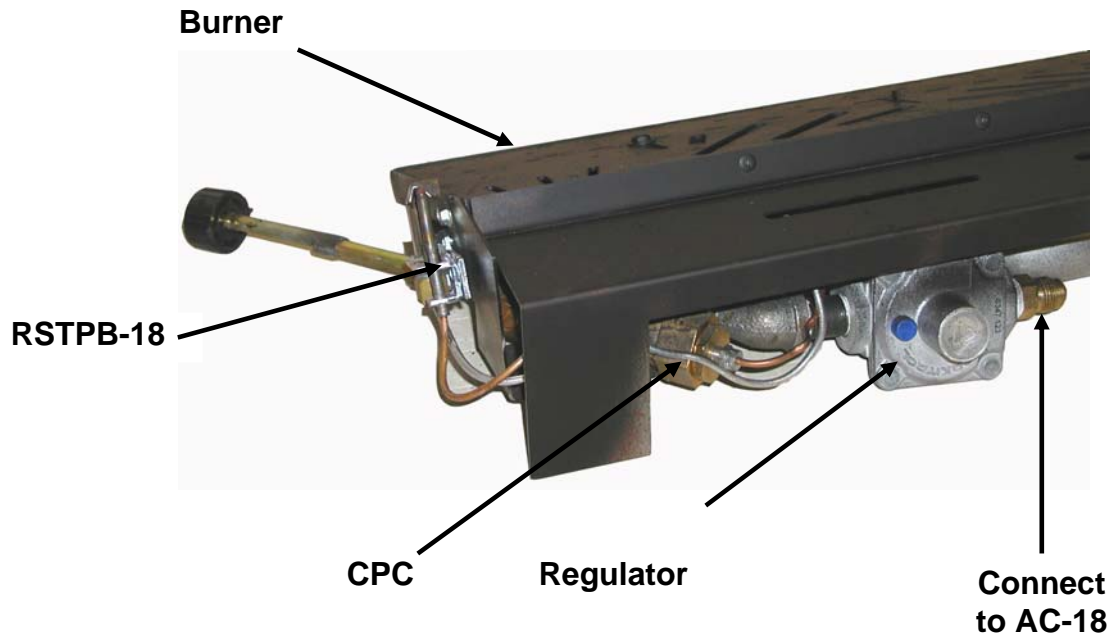


Fig 2

## GAS CONNECTION (back view of Burner)



## GAS CONNECTION (Fig 3)

1. The gas supply line should be 1/2" Inside Diameter (ID) up to 30 feet and 3/4" for longer distance.
2. Use the **aluminum connector (AC-18)** to connect the gas supply to the **regulator** on the burner assembly. When bending aluminum tubing use proper bending procedures to avoid kinking the tube. Do not use corrugated flexible tubing; it may cause a whistling noise.
3. Read lighting instructions. Light pilot and check for leaks using soapy water. These controls are factory preset and will not normally require additional adjustment of the pilot flame. If field adjustment of the pilot flame is required, remove the pilot adjust cover screw to expose the adjusting screw. Turn the adjusting screw clockwise.

### **BURNER PAN MEDIA (Fig 4)**

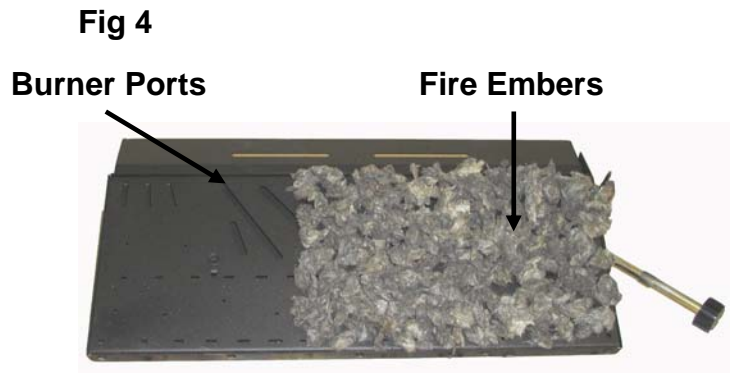
1. Cover the ported area of the Burner with Embers (Rockwool).
2. Light the gas and observe the flame for even distribution.
3. Most of the ember material should glow from the flame contact. If there are any areas that are not glowing poke around at the embers to improve glow.

### **PILOT FLAME (Fig 5)**

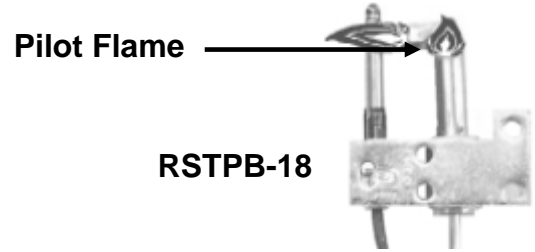
1. The pilot light should be checked periodically to assure proper flame. On the System 4 burner the flame should be on the right hand side of the burner pan.

#### **See Figure 4**

When turning the main burner on, the pilot flame should ignite the main gas within 4 seconds without creating a big poof depending on the gas pressure.



**Fig 5**



### **VOLCANIC CINDERS**

The black volcanic cinders are used to cover the fireplace floor, fitting and tubing around the burner system. Although not functional, the black cinders act as a picture frame to show off the glowing embers and yellow flame.

### **FOR YOUR SAFETY**

Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance and to replace any part of the system or gas control, which has been underwater. Keep this appliance clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

## FOR YOUR SAFETY READ BEFORE LIGHTING


**WARNING:** If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

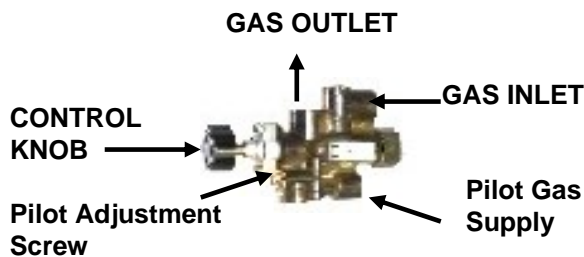
- A. This appliance has a pilot, which must be lit by hand. When lighting the pilot, follow these instructions exactly.
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, do not try to repair it. Call a qualified service technician.
- 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, which has been underwater.

### WHAT TO DO IF YOU SMELL GAS:

1. Do not try to light any appliance.
2. Do not touch any electric switch; do not use any phone in your building.
3. Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
4. If you cannot reach your gas supplier, call the fire department.

## LIGHTING INSTRUCTIONS

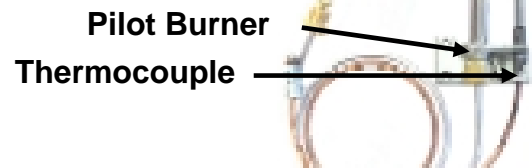
1. STOP! Read the safety information above on this label.
2. Push in gas control knob slightly and turn clockwise to "OFF". 




**NOTE:** Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.


3. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow "B" in the safety information above. If you don't smell gas, go to next step.

4. Find pilot – follow metal tube from the gas control behind the burner pan.



5. Turn knob on gas control counter-clockwise to "PILOT".
6. Push in control knob all the way and hold in. Immediately light the pilot with a match. Continue to hold the control knob in for about one minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 3 – 7.
- \* If knob does not pop up 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 knob to "OFF" and call your service technician or gas supplier.
7. Turn gas control knob counterclockwise to "ON". 

## LIGHTING INSTRUCTIONS

1. Turn knob clockwise from "ON" position to the "PILOT" position. Push in the gas control knob slightly and turn clockwise to "OFF".  Do not force knob.

## WARRANTY

### Refractory Logs

Island Products gas logs carry a 1 year warranty against any manufactured defect or breakage. This warranty does not cover breakage caused by excessive handling once installed and fired. Contact Customer Service for warranty claim details.

### Burner

If the burner or grate fails due to deterioration within 1 year of the verified purchase date, contact Customer Service for warranty claim details.

### Valves

All valves are warranted against manufacturing defects which appear within 1 year of the verified purchase date. Warranty does not cover products that have been damaged by misuse from overheating. Before any product is returned a Return Goods Authorization number (RGA) must be issued by the Customer Service Department. All returns must be accompanied by an explanation of the problem and all necessary parts.

### All Other Parts

If any assembled part should fail to operate or be found defective which appear within 1 year of the verified purchase date, contact Customer Service for warranty claim details

Buyer shall notify Customer Service of any defect covered by this warranty no later than thirty (30) days after defect is discovered. Failure to provide notice within thirty (30) days shall void the limited warranty.

### WHAT IS NOT COVERED

1. Removal and reinstallation costs.
2. Labor costs for replacement or repairs.
3. Transportation or shipping cost.
4. The cost of a service call to diagnose trouble.
5. Painted Surfaces.
6. Damage or defect caused by improper installation, accident, misuse, abuse, alteration, or authorized service technician.
7. Replacement of burner or combustion chamber resulting from improper storage of the appliance.

### LIMITATIONS AND EXCLUSIONS

1. No one has authority to add to or vary this limited warranty, or to create for Hargrove Manufacturing Corporation any other obligation or liability in connection with this appliance.
2. Any implied warranty applicable to this appliance is limited in duration to the same period of time as this written Warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.
3. HARGROVE MANUFACTURING CORPORATION WILL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, SPECIAL OR CONTINGENT DAMAGES YOU MIGHT SUFFER AS A RESULT OF A CLAIM UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.
4. This warranty applies only to the original purchaser and may not be transferred or assigned.
5. If you cannot verify the purchase date of the appliance, the warranty period will begin on the date of which the appliance was manufactured.
6. Replacement or repair parts are warranted for the remaining period of the original part warranty. Warranty parts must be obtained through authorized dealers of this product who will provide original factory replacement parts. Failure to use original factory replacement parts voids this warranty.
7. The maximum liability of Hargrove Mfg Corp. in connection with this limited warranty shall not in any case exceed the contract price paid for the product claimed to be defective or unsuitable.
8. Purchaser or user agrees to hold Hargrove Mfg Corp. harmless from any and all claims by the buyer as a result of injury or damage to an ultimate user or other person caused by the product sold herein by the seller to the buyer, whether the injury or damage results from the assembly, installation, operation, shipment, storage, or manufacture of this product. Hargrove Mfg Corp. makes no warranties, expressed or implied, other than those expressly stated herein.

### YOUR DUTIES

This appliance must be installed by a qualified installer, operated and maintained in accordance with all applicable codes and the instructions furnished with the appliance. You must provide a receipt verifying the purchase date of the appliance when making a warranty claim with the dealer from which the appliance was purchased.