

PORTLAND WILLAMETTE ®

ULTRA FYRE™

ULTRA FYRE FIBER GLOW LOGS
WITH COPRECI VALVE

INSTALLATION INSTRUCTIONS FOR GAS LOG SETS INSTALLED IN SOLID FUEL BURNING FIREPLACES

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.

- 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 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.

INSTALLER: Leave this manual with the appliance.
CONSUMER: Retain this manual for future reference.

WARNING: Improper installation, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

This product produces carbon monoxide during operation. This chemical is known to the State of California to cause birth defects or other reproductive harm.

***GLOVES ARE RECOMMENDED WHEN HANDLING FIBER CERAMIC LOGS,
TO PREVENT SKIN IRRITATION FROM LOOSE FIBERS.
LOGS ARE FRAGILE — HANDLE WITH CARE.***

SPECIFICATIONS AND INSTRUCTIONS FOR INSTALLER
*PLEASE READ ALL OF THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR
USING THE ULTRA FYRE FIBER GLOW GAS LOG SET*

TOOLS REQUIRED FOR INSTALLATION

3/4" Open End Wrench 5/8" Open End Wrench

*****Note: Pipe compound must be resistant to the action of sulfur compounds.**

IMPORTANT

1. LP gas (Propane) will be referred to as LP Gas throughout these instructions.
2. Check the gas type, LP or Natural, prior to installation. Never use a log set manufactured for one type of gas with another gas.
3. This gas log set must be installed only in a solid-fuel burning fireplace with a working flue and constructed of noncombustible material.
4. This gas log set must be installed by a qualified person and these instructions must be followed carefully to insure proper performance.
5. The minimum permanent vent opening determined from **Chart #1** (see pg 4) must be provided by either the fire- place chimney or chimney damper to vent the flue gases. The chimney damper must be fixed in a manner which will maintain the minimum permanent vent opening at all times. A damper stop clamp with a 1/4" x 3" bolt is provided with this set and it will readily attach to most damper blades. Position it to prevent closing the damper to less than the permanent vent opening required. Massachusetts requires the damper to be removed or permanently fixed open.
6. *Solid fuels shall not be burned in a fireplace where a decorative appliance is installed.*
7. A fireplace screen must be in place when this appliance is operating and, unless other provisions for combustion air are provided, the screen shall have an opening(s) for introduction of combustion air. When a glass door fireplace screen is used, the doors ***MUST*** be fully open when the log set is burning.
8. Inlet gas supply pressures for the purpose of input adjustment are: LPG Minimum 11" w.c.(2.7kPa) and Maximum 13" w.c.(3.2kPa); Natural Gas Minimum 7" w.c. (1.7kPa) and Maximum 10.5" w.c.(2.6kPa).
9. The installation and the provisions for combustion and ventilation air must conform with the *National Fuel Gas Code, ANSI Z223.1/NFPA54*, or the *Natural Gas and Propane Installation Code CSA B149*.
10. The installation of appliances designed for manufactured home(s) (U.S. only) or mobile installation must conform with the Standard CAN/CSA Z240 MH, Mobile h\Housing, in Canada, or with the Manufactured Home construction and Safety Standard, Title 24 CFR, Part 3280, in the United States, or when such a standard is not applicable, ANSI/NCSBCS A225.1/NFPA 501a, Manufactured Home Installations Standard applies.
11. The appliance and its appliance main gas valve must be disconnected from the gas supply piping system during any pressure testing of the system at pressures in excess of 1/2 psi (3.5kPa).
12. This appliance must be isolated from the gas piping system by closing its equipment shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).
13. Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
14. Your fireplace flue must be inspected for condition and cleanliness once each year by a qualified inspector. Necessary repairs or cleaning must be completed prior to using your log set.

WARNING: TO AVOID POTENTIALLY DANGEROUS FUMES IN THE LIVING AREA, BE SURE CHIMENY IS VENTING PROPERLY WHEN THIS SET IS BURNING. TO CHECK VENTING, LIGHT A WOODEN MATCH AND POSITION IT JUST UNDER THE LINTEL AND OBSERVE IF SMOKE IS GOING UP THE CHIMNEY. IF NOT, EXTINGUISH FLAME AND INSPECT CHIMNEY FOR OBSTRUCTIONS. THIS GAS LOG SET MUST NOT BE USED UNLESS THE FIREPLACE DRAFT IS CORRECT.

CLEANING INSTRUCTIONS

Only clean your gas log set when it is cold. Excess carbon or soot can be removed by brushing or vacuuming.

INSTRUCTIONS FOR END USER/CONSUMER
*PLEASE READ ALL OF THESE INSTRUCTIONS CAREFULLY BEFORE USING
YOUR ULTRA FYRE FIBER GLOW LOG APPLIANCE*

**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. 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 electric 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.

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

**LIGHTING AND RELIGHTING
INSTRUCTIONS FOR LOG SETS WITH
MANUAL VALVE & PIEZO LIGHTING**

REVIEW LIGHTING PRECAUTIONS ON THE LEFT.

WARNING: NEVER USE A CIGARETTE LIGHTER TO IGNITE A GAS LOG SET. IT IS EXTREMELY HAZARDOUS! USE THE INSTALLED PIEZO SPARKER(RED BUTTON)

If gas supply was turned on prior to lighting, turn off for five minutes before attempting to light log appliance.

- A. Turn black gas knob on valve (black knob on right of appliance), counter clockwise to **"PILOT"** position.
- B. Push and hold knob in while pressing red button (on left of appliance) to provide spark to ignite gas pilot. Each time you press red button, it will spark.
- C. When pilot lights, wait about ten seconds, allow knob to pop out, then turn counter clockwise to **"ON"**. Flames should begin appearing in a few seconds.

**WARNING: IF BURNER FLAME GOES OUT,
TO TURN GAS OFF TO APPLIANCE**

To turn gas supply off, turn gas valve knob fully clockwise to **"OFF"** position. The flame may continue to burn a few minutes, burning remaining gas in burner and pan materials.

WARNING: For installation in a vented fireplace only. The fireplace chimney must have a permanent vent opening.

MAINTENANCE OF GAS LOG SET

Please keep log set and surrounding area free from debris or combustible materials. Regularly check pilot flame and burner pan flame. The pilot burner should be free of dirt and lint for best operation. If burner pan flame is not even from end to end the pan material may have become packed. After flame is turned off and log set is cool, loosen the pan material with a wire or knife blade. If burner pan flame still does not burn evenly then remove old material and replace with new material. LP gas is a heavy gas which tends to vary in composition. On rare occasions a smoky flame may be seen which results in increased hydrocarbon content. If this occurs you may experience a buildup of carbon deposits on logs. Should this happen, check with your local gas supplier to ensure there is proper gas pressure, as this is not the fault of your gas log set. All log sets are designed to burn with a minimum of carbon or soot buildup. Excess carbon buildup can be removed by lightly brushing or vacuuming after logs have cooled.

ULTRA FYRE™

CHART #1

Chimney height*ft	Appliance Input Rate (kBtu/hr)												Max Input***
	20	30	40	50	60	70	80	90	100	110	120		
	Minimum Opening**(sq. in.)												
10	11.3	16.6	22.1	28.3	35.3	44.2	---	---	---	---	---	---	77.6
15	8.6	12.6	17.3	21.2	26.4	32.2	38.5	45.4	---	---	---	---	98.2
20	7.5	10.8	14.5	18.1	22.1	26.4	31.2	37.4	43	---	---	---	114.2
25	6.6	9.6	12.6	15.9	18.1	22.9	27.3	31.2	36.3	43	50.3	---	121
30	6.2	9.1	11.3	14.5	17.3	20.4	24.6	28.3	33.2	37.4	44.2	---	130.1
35	5.7	8	10.8	13.2	15.9	18.9	22.1	25.5	30.2	34.2	39.6	---	141.2
40	5.3	7.5	10.2	12.6	15.2	18.1	20.4	23.8	27.3	31.2	35.3	---	158.5

* Height is from hearth to top of chimney and the minimum height is 10 feet

** Chart shows minimum opening (sq. in.) for the given height and input rate.

*** Column marked "Max. Input" corresponds to the maximum allowable input rate (kBtu/hr) for the given height.

LIMITED WARRANTY

The manufacturer warrants to you, the original retail purchaser only, that your **ULTRA-FYRE™** gas log set will be free of defects in material and workmanship at the time of your purchase from an authorized dealer or distributor for a period of two years from date of purchase. Parts and accessories sold separately are warranted for one year.

At any time during the respective periods stated above, should the **ULTRA FYRE™** or hardware be found to have been defective in material or workmanship at the time of purchase, the manufacturer at its option will repair or replace same at no cost to purchaser. However, purchaser must pay labor and transportation costs for removal and return of the **ULTRA-FYRE™** gas log, or its parts or hardware, to the manufacturer, as well as labor costs for reinstallation of the repaired unit. Proof of purchase must accompany the returned product. If you believe the product is defective, you must notify your dealer who will handle your warranty claim. If your dealer is out of business, contact the manufacturer whose address is : Portland Willamette, 6800 N. E. 59th Place, Portland, Oregon 97218.

PORTLAND WILLAMETTE LIMITS THE DURATION OF THE IMPLIED WARRANTY OF MERCHANTABILITY TO THE RESPECTIVE PERIODS SET FORTH ABOVE FOR THE GAS LOGS AND THE HARDWARE, AND OTHERWISE DISCLAIMS ALL IMPLIED WARRANTIES WITH RESPECT TO THE GAS LOGS AND HARDWARE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

The manufacturer disclaims any and all liability for incidental, consequential, special or indirect damages arising out of any claimed breach of warranty or otherwise. However, some states do not allow exclusion or limitation of such damages so this disclaimer may not apply to you.

The remedy provided in this limited warranty for defective **ULTRA-FYRE™** gas logs and hardware is purchaser's sole and exclusive remedy subject to your state law. Further, this warranty gives you specific legal rights and you may also have other rights which vary from state to state.

CONSUMER: PLEASE RETAIN THESE INSTRUCTIONS FOR YOUR FUTURE REFERENCE.



**PORTLAND
WILLAMETTE**

CARDINAL ALUMINUM OREGON, LLC

Tested & Listed By



Beaverton Oregon USA

OMNI-Test Laboratories, Inc.
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