

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8703

Permit 04-1871	036 E013001
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Location of Construction: 263 State St	Owner Name: Gray Joseph E Jr & Marie L Jts	Owner Address: 263 State St	PERMIT ISSUED JAN 5 2005 CITY OF PORTLAND	
Business Name:	Contractor Name: Frost N Flame	Contractor Address: 629 Main St. Portland		
		Permit Type: HVAC	Zone: R6	
Proposed Project Description: Install a Peterson Gas Log insert		Permit Fee: \$48.00	Cost of Work: \$2,949.00	CEO District: 2
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied INSPECTION: Use Group: R3 Type: HVAC Signature: JMB 1/4/05		
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____				

Permit Taken By: dmartin	Date Applied For: 12/29/2004	Zoning Approval		
1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <i>OK</i> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>JMB 1/4/05</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>JMB</i>	

CERTIFICATION

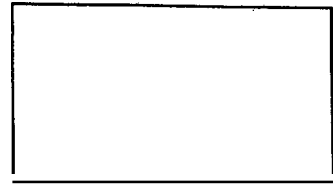
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



To the **INSPECTOR OF BUILDINGS, PORTLAND, ME.**

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 262 State St Use of Building Residential Date 12/27/11
 Name and address of owner of appliance Jac + Marie Gray 262 State St Portland Me
 Installer's name and address First + Flame 679 Mo. Street (Rob St + Pine St) Durham NH 03824 Telephone 603-706-7066

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid

Appliance Name: 1. burner 2. burner

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PNTS11126
 Other _____

Type of Chimney:

- Masonry Lined
 Factory built _____
 Metal
 Factory Built U.L. Listing # _____
 Direct Vent
 Type _____ uL# _____

Type of Fuel Tank

- Oil Natural Gas Service
 Gas from street

Sue of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 2,949.00

Permit Fee: \$ 40.00

Approved

Fire: _____
 Ele.: _____
 Bldg.: JMG

Approved with Conditions

- See **attached** letter or requirement

Inspector's Signature

Date Approved

Signature of Installer _____

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.

The Peterson Real-Fyre Gas Log Set RV series does not have a pilot and must be lit by hand. When lighting the burner follow these instructions exactly.

1. BEFORE LIGHTING, smell all around the gas log set area for gas. Be sure to smell next to 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.


2. Use only your hand to turn the gas control knob. Never use tools. If the knob will not turn by hand, don't try to repair it. Call a qualified service technician. Force or attempted repair may result in fire or explosion.

3. Do not use the gas log set if any part has been under water. Immediately call a qualified service technician to inspect the gas log set and to replace any part of the control system and any gas control which has been under water.

LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above.

2. To light log set lay lighted match on surface of burner embers (granules) near gas inlet. **DO NOT HOLD MATCH IN HAND.** Turn on gas slowly. Burner should light.

3. If burner does not light before the match goes out, immediately turn the manual valve clockwise to "off" 

4. Wait five (5) minutes to clear out any gas. Then smell for any gas including near the floor. If you smell gas, **STOP!** Follow "1" in the safety information above. If you do not smell gas, repeat step 3.

TO TURN OFF THE GAS LOG SET

1. From the "ON" position, turn control knob clockwise  to the "OFF" position. The log set will extinguish.

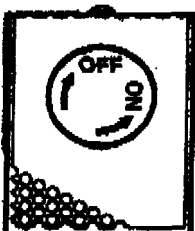
Steel rod handle (item 21)



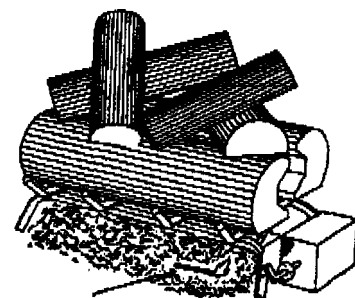
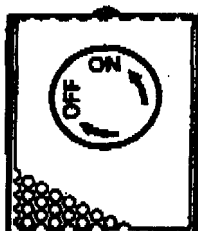
OFF
POSITION



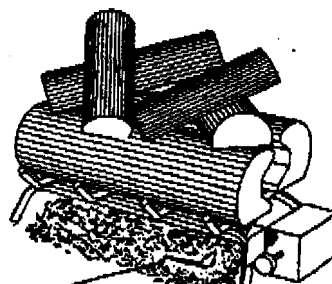
ON
POSITION



Extension handle with knob (item 22)



Lay lighted match here.



Lay lighted match here.

UNITED STATES ONLY

HOW TO INSTALL YOUR PETERSON REAL-FYRE GAS LOG SET

The Peterson Real-Fyre Gas Log Set must be installed by a qualified technician. Instructions must be followed carefully to insure proper performance and see full benefit from your gas log set.

Peterson Real-Fyre Gas Logs must be installed only in a wood burning fireplace with the minimum venting requirements met (see Pg. 2). Check parts list to be sure all parts are included. Gas supply pipe must be 1/2" or larger. Use 3/4" if the gas line is longer than 20'.

REFER TO PARTS LIST (PAGE 3) WHEN FOLLOWING THESE INSTRUCTIONS.

INSTALLATION OF LOG SET (be sure gas to the fireplace is off)

1. Remove grate (Item 7) from carton end attach log locators (Item 10) to the 2 outer bars of the grate with bolts and nuts. Log locators should be positioned at the middle of the bars with the two taller pins facing the front.
2. Place the burner assembly into the fireplace so the open burner pan faces to the room.
3. Place the grate over the burner pan so the log locator brackets fit over the back edge of the burner pan to lock it in position.
4. Center this assembly in the fireplace and place as far back in the fireplace as possible. Remove grate or gas connection and granule placement.
5. Connect the gas supply line to the nipple, (Item 26) using connector kit (item 15).
6. Turn on the gas supply to the fireplace and test for leaks with soapy water solution. (Never use open flame for testing).

GRANULE PLACEMENT

With the burner off and the grate removed, fill the burner pan completely with granules (Item 12). Slope the granules at the same angle as burner pan.

EMBER PLACEMENT

Sprinkle embers (Item 11) lightly and evenly over entire surface of the granules. Replace the grate so that bottom tabs on the log-locator brackets fit over the back edge of the pan locking it in position.

LOG PLACEMENT (for Split Log see supplement Instructions)

Proper log placement is important to insure proper performance of your Real-Fyre Gas Log Set. Be sure to follow log placement instructions carefully. Optional log placement patterns, an exclusive feature of Real-Fyre Gas Logs, are explained on page 5.



Example of burner flame pattern

REAL-FYRE GAS LOG SETS 18"-36"

PLACEMENT OF BOTTOM LOGS

Place the front and rear bottom logs on the grate (Fig. 1). Heat chambers (the concave side of the logs) face each other. The longest log is placed in front. The log locators insure that adequate space between the logs are maintained for a cleaner burn.

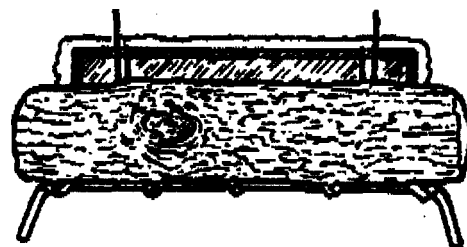


Figure 1

PARTS LIST FOR PETERSON REAL-FYRE A.G.A. CERTIFIED GLOWING EMBER GAS LOG SETS (G5 SERIES)

NOTE: The parts for the RG5-24 Golden Oak 24" Set are illustrated and listed. Log styles and part sizes will vary depending upon the G5 series log set ordered. When ordering replacement parts, be sure to indicate your log set model.

Item No.	Part No.	Description
1.	RL-24b	front log
2.	RL-20b	rear log
3.	RL-15t	middle log
4.	RL-15t	middle log
5.	RL-9t	top log
6.	RL-9t	top log
7.	SD-24	grate
8.	GG-24	burner
9.	AB-2	fuel injector (nat. gas)
10.	UP-4 RH	log locator for 24" / 30" models
	UP-5 LH	log locator for 24" / 30" models
11.	EM-1	embers
12.	CS-10	granules (nat. gas)
13.	DC-1	damper clamp
14.		G5-RV manual system (see detailed drawing below)
15.	CK-4	connector kit
16.	SH-1	flame diverter shield

Control System (Item No. 14)

Item No.	Part No.	Description
20.	H5-13	heat shield
21.	EH-3	2" steel rod handle
22.	EH-2	extension handle with knob (option)
23.	3901-113	off / on label
24.	V-17	valve
25.	PR-1	pressure regulator
26.	NP-1	3/8" x 1" nipple
27.	EL-13	3/8" - 45° elbow

Replacement parts may be obtained from your nearest Real-Fyre Dealer. For assistance in locating a Dealer, you may contact the factory at the address listed on the front page.

ROBERT H. PETERSON CO. REAL-FYRE GAS FIREPLACE LOG SETS G5 A.G.A. CERTIFIED GLOWING EMBERS GAS LOG SET

IMPORTANT INFORMATION

Do not use this log set 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.

The gas log set must be isolated from the gas supply piping system by closing its individual shut-off valve during any pressure testing of the gas supply system at test pressures equal to or less than 1/2 psig. The gas log set and its individual shut-off valve must be disconnected from the gas supply piping system when testing at pressures in excess of 1/2 psig.

Keep the area of the gas log set clear and free from combustible materials, gasoline and other flammable vapors and liquids.

MAINTENANCE: Periodically remove the logs and examine the burner assembly. If dirty, clean with a stiff brush. Also examine the area around burner air shutter. Any dirt or lint should be removed,

This will insure long life and trouble-free operation. An annual inspection and cleaning of the vent system by a qualified agency is recommended. For safe operation and proper performance, use only Robert H. Peterson parts and accessories.

The minimum inlet gas supply pressure for the purpose of input adjustment is 5" for Natural Gas. The maximum inlet gas supply pressure for this burner is 14" for Natural Gas.

A fireplace screen must be in place when the log set is burning and unless other provisions for combustion air are provided, the screen shall have an opening(s) for introduction of combustion air. When a glass fireplace enclosure (door) is used, operate the gas log set with the glass doors open.

The minimum size fireplace in which the log set is to be installed is listed in the Technical Data Table below.

Real-Fyre G5 Series Technical Data Table					
Log Set Size	Minimum Fire Box Dimensions				BTU Rating Nat.
	Front Opening	Rear Width	Depth	Height	
16"	25"	14"	13"	18"	55,000
18"	27"	17"	13½"	18"	65,000
20"	29"	17"	13½"	18"	65,000
24"	33"	22"	14"	18"	74,000
30"	39"	26"	15"	18"	96,000
36"	45"	32"	15"	18"	96,000

Minimum Free Opening Area of Chimney Damper for Venting								
For Factory Built Fireplaces Log Set Sizes					For Masonry Built Fireplaces Log Set Sizes			
Chimney Height	16"	18" & 20"	24"	30" & 36"	16"	18" & 20"	24"	30" & 36"
15'	24 SQ"	30 SQ"	35 SQ"	49 SQ"	35 SQ"	41 SQ"	46 SQ"	58 SQ"
20'	21 SQ"	25 SQ"	29 SQ"	41 SQ"	32 SQ"	38 SQ"	42 SQ"	52 SQ"
25'	17 SQ"	21 SQ"	25 SQ"	35 SQ"	-	-	-	-
30'	16 SQ"	19 SQ"	22 SQ"	33 SQ"	29 SQ"	34 SQ"	38 SQ"	47 SQ"

PLACEMENT OF MIDDLE AND TOP LOGS

Option 1: Place the two middle logs on the bottom logs. The knotholes of the middle logs are placed over the front pins of the log locators, with the opposite ends crossed, resting on the back bottom log (Fig. 2). Top logs are placed with one end resting on the knothole of the middle logs and one end resting on the top of the front bottom log (Fig. 3).

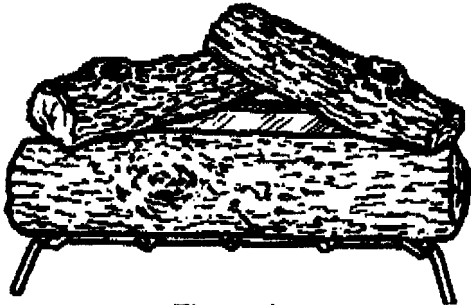


Figure 2



Figure 3

Option 2: Place the middle logs as instructed under option 1 (Fig. 2). One top log is then set with one end in a middle log knothole and the other end resting on the bottom front log. The other top log is set with one end on the knothole of the other middle log and the other end resting on the bottom rear log (Fig. 4).

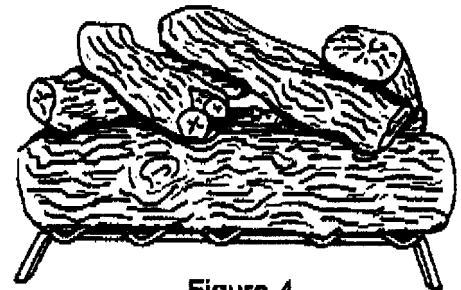


Figure 4

Option 3: Reverse the log locator on one side so that the longer pin is toward the back of the log set (Fig. 5). Place the middle logs so they are parallel, resting on the bottom logs with the knotholes covering the pins. Place the top logs parallel to each other across the middle logs (Fig. 6).

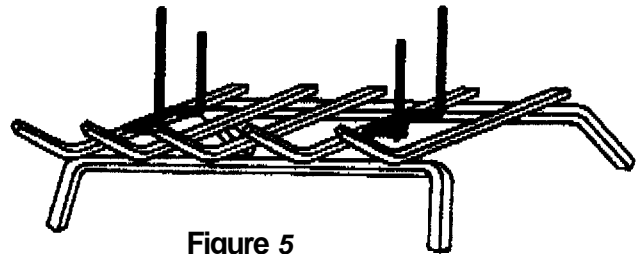


Figure 5

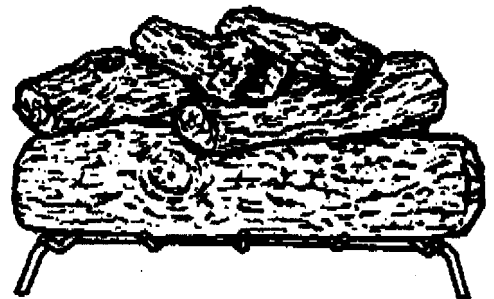


Figure 6

OPTIONAL LOG PLACEMENT PATTERNS SUMMARY

The below three illustrations show the three log placement patterns available for Real-Fyre A.G.A. Certified Glowing Embers Gas Log Sets. The mirror image of each of the illustrations is also approved.



Option 1



Option 2



Option 3

Installer: please leave these instructions with consumer.

Consumer: please retain for future reference.

**AVAILABLE IN THE
FOLLOWING
LOG STYLES**

Golden Oak (R)

Twisted Pine (C)

White Birch (W)

Emberwood (E)

Split Oak (S5)

ROBERT H. PETERSON CO.

Real-Fyre®

**GLOWING EMBER GAS
FIREPLACE LOG SET
A.G.A./C.G.A. CERTIFIED**

**INSTALLATION AND
OPERATING INSTRUCTIONS**



**G5 SERIES WITH SPK VALVE
FOR NATURAL OR PROPANE GAS**

WARNING: Improper installation, adjustment, alteration, service or maintenance *can* cause injury or property damage. Refer to this manual. For assistance or additional information consult 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 any phone in your building.

IMPORTANT: READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION OF YOUR LOG SET

Your Peterson Real-Fyre Log Set is to be installed only in a solid-fuel burning fireplace with a working flue constructed of noncombustible material. Solid fuels shall not be burned in a fireplace where a gas log set is installed. The minimum permanent vent opening provided by the fireplace chimney or chimney damper to vent the flue products is listed on page 2. The chimney damper must be fixed in a manner to maintain the minimum permanent vent opening. The installation, including provisions for combustion and ventilation air, must conform with the American National Standard National Fuel Gas Code Z223.1 and applicable local building codes. In Canada, the installation must conform with the current CAN/CGA B149.1 and 8740.2 Installation Code.



REAL-FYRE GAS LOG SETS 16"

Place the front and rear bottom logs on the grate (Fig. 7). The flat side of the logs face each other. The longest log is placed in front. The log locators insure that adequate space between the logs are maintained for a cleaner burn.

PLACEMENT OF MIDDLE AND TOP LOG

The log locator pins should fit inside the holes located in the bottom of the middle logs (Fig 8).

Place the front top log with one end resting on top of the front end of the left middle log. The other end will rest on the front bottom log. Place the rear top log with one end resting on top of the back end right middle log. The other end will rest on the rear bottom log (Fig. 9).

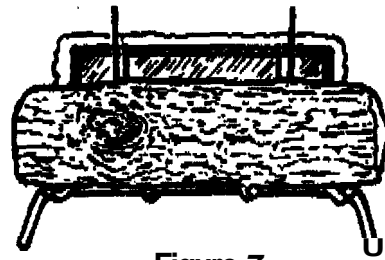


Figure 7

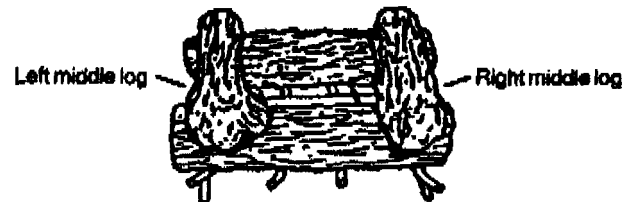


Figure 8

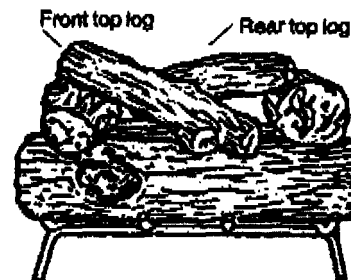


Figure 9

DAMPER STOP CLAMP INSTRUCTIONS

The Damper Stop Clamp with hex bolt (Fig. 10) is provided as a means to prevent full closure of the damper blade. The Clamp is easily attached to most damper blades with pliers or wrench, and must be permanently installed. The Clamp is designed to prevent accidental closure of the damper when installed as illustrated (Figs 11 and 12). Should the Clamp not fit, or provide the permanent vent opening listed on the table found on page 2, have a permanent stop installed, remove the damper blade or have the damper cut to provide the minimum permanent opening required.



Figure 10

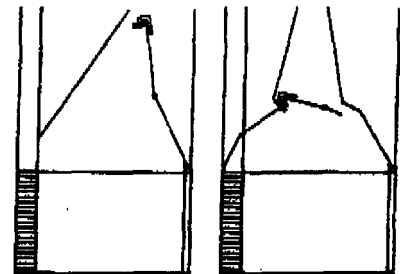


Figure 11

Figure 12

Installer: please leave these instructions with consumer.

Consumer: please retain for future reference,

AVAILABLE IN THE FOLLOWING LOG STYLES FROM 16" TO 36" WIDTH

Golden Oak (RG5)

Twisted Pine (CG5)

White Birch (WGS)

Emberwood (EG5)

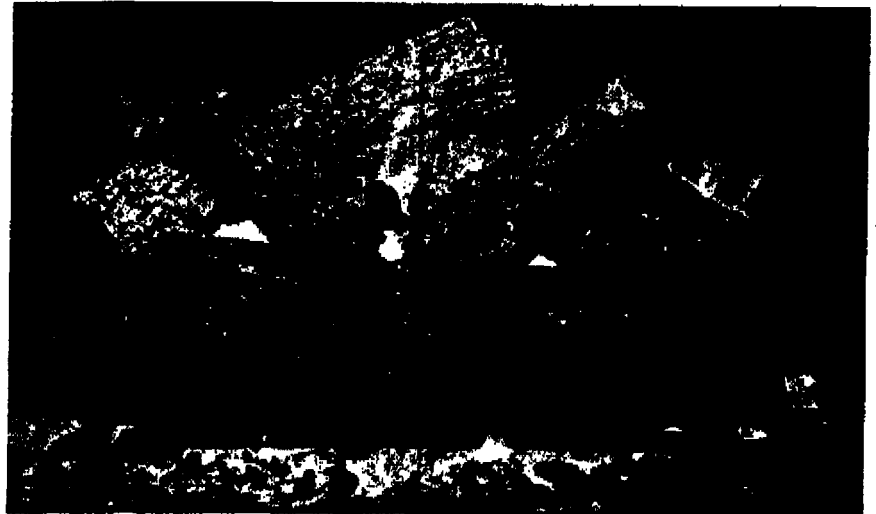
Split Oak (SG5)

ROBERT H. PETERSON CO."

REAL-FYRE

**GLOWING-EMBER GAS
FIREPLACE LOG SET
A.G.A. CERTIFIED**

**INSTALLATION AND
OPERATING INSTRUCTIONS**



EMBERWOOD EG5-24 SHOWN ABOVE

**G5-RV SERIES WITH MANUAL VALVE
FOR NATURAL GAS ONLY**

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult 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.

IMPORTANT: READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION OF YOUR LOG SET

Your Peterson Real-Fyre Log Set is to be installed only in a solid-fuel burning fireplace with a working flue constructed of noncombustible material. Solid fuels shall not be burned in a fireplace where a gas log set is installed. The minimum permanent vent opening provided by the fireplace chimney or chimney damper to vent the flue products is listed on page 2. The chimney damper must be fixed in a manner to maintain the minimum permanent vent opening. This may be accomplished by fastening the damper to the side of the chimney to prevent the damper from closing. The damper must be held open by a permanent device. The damper must be held open by a permanent device.

629 MAIN STREET
GORHAM ME 04038
856-1000 OR 856-7000
FAX 207-856-1164

**FROST N FLAME
SEBAGO LAKE
POOLS**

Fax

To: Danna From: Frost N Flame
Fax: _____ Pages: _____
Phone: _____ Date: _____
Re: _____ CC: _____

- Urgent For Review Please Comment Please Reply Please Recycle

• Comments: _____

Here is the owners
Manual for the gas log
you requested



FILL IN AND SIGN WITH INK

36 E 013

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

To the **INSPECTOR OF BUILDINGS, PORTLAND, ME.**

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the **Building Code** of the City of Portland, and the following specifications:

Location / CBL 263 State St
 Name and address of owner of appliance + one Gray 263 State St. Portland me Use of Building Residential Date 12/27/04

Installer's name and address First + Flame 629 Main Street (Rob St Pierre)
Croham ME 04038 Telephone 856-7000

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid

Appliance Name: Pekerson gas logs

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PNT 510026
 Other _____

Type of Chimney:

- Masonry Lined
 Factory built _____
- Metal
 Factory Built U.L. Listing # _____
- Direct Vent
 Type _____ uL# _____

Type of Fuel Tank

- Oil Natural Gas Service
 Gas from street

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 2949.00

Permit Fee: \$ 48.00

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME

Approved

Approved with Conditions

Fire: _____ DEC 29 2004

Ele.: _____

Bldg.: _____ IVED

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer [Signature]