

**City of Portland, Maine - Building or Use Permit Application**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 06-1723	Issue Date: 11/29/2006	CBL: 122 G004001
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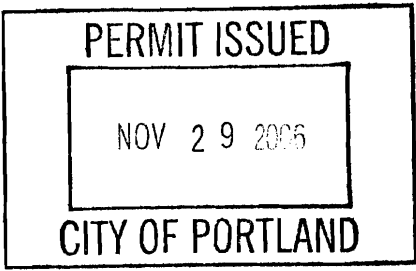
Location of Construction: 31 HIGGINS ST	Owner Name: HASKELL ANNE	Owner Address: 31 HIGGINS ST	Phone:
Business Name:	Contractor Name: Frost N Flame	Contractor Address: 629 Main St. Gorham	Phone 2078567000
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone:

Past Use: Residential 2 unit	Proposed Use: Residential 2 unit Install a gas fireplace insert	Permit Fee: \$60.00	Cost of Work: \$4,000.00	CEO District: 5
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <b>R3</b> Type: <b>HVAC</b> <b>Gas Rules</b>	

Proposed Project Description: Install a gas fireplace insert	Signature:	Signature: <b>JMB 11/29/06</b>
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: 11/29/2006	<b>Zoning Approval</b>	
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<ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>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..</li> </ol>	<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <b>JC</b> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <b>JMB 11/29/06</b>	<b>Zoning Appeal</b> <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:	<b>Historic Preservation</b> <input type="checkbox"/> Not in District or Landmark <input checked="" 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:
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**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

100 9004

# 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 31 Higgins St. Use of Building \_\_\_\_\_ Date 11-29-66  
 Name and address of owner of appliance ANNE HASKELL 31 Higgins St  
PORTLAND ME 04103  
 Installer's name and address ROBERT ST PIERRE  
 Telephone 797 5024

### Location of appliance:

- Basement  Floor  
 Attic  Roof

### Type of Fuel:

- Gas  Oil  Solid  
GAS FIREPLACE INSERT

Appliance Name: FPX 32 DVS INSERT

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 # \_\_\_\_\_  
 DEPT. OF BUILDING INSPECTION  
 CITY OF PORTLAND ME  
 License # 5126

Other \_\_\_\_\_  
 NOV 29 2006

### Type of Chimney:

- Masonry Lined  
 Factory built \_\_\_\_\_

- Metal  
 Factory Built U.L. Listing # 3" ALUM LINED  
UL 1777+441

- Direct Vent  
 Type \_\_\_\_\_ UL# \_\_\_\_\_

### Type of Fuel Tank

- Oil  
 Gas

Size of Tank \_\_\_\_\_

Number of Tanks \_\_\_\_\_

Distance from Tank to Center of Flame \_\_\_\_\_ feet.

Cost of Work: \$ 4000.00

Permit Fee: \$ 60

RECEIVED  
 Approved  
 File # \_\_\_\_\_

### Approved with Conditions

- See attached letter or requirement

Ele.: \_\_\_\_\_

Bldg.: JMB

Signature of Installer M. E. [Signature]

Inspector's Signature \_\_\_\_\_

Date Approved \_\_\_\_\_

# STATE OF MAINE CHIMNEY OR FIREPLACE CONSTRUCTION/INSTALLATION DISCLOSURE

Dear Consumer: State law, specifically 32 M.R.S.A., Chapter 33, §2313-A, requires that chimney or fireplace installers, as of January 1, 1992, provide you with this "Disclosure" prior to the installation or construction of your chimney or fireplace. The purpose of this Disclosure is to inform you that the National Fire Protection Standard #211 (NFPA #211) is the current standard which applies to all new construction of chimneys and fireplaces. Please to note that the State of Maine does not require registration or licensure of chimney or fireplace installers. It is important to realize that many fires are caused each year from improperly constructed fireplaces and chimneys. This disclosure form should help you in making an informed decision as to the abilities of the installer and under what requirements the installation must comply.

### INSTALLER INFORMATION

Name of Installer ROBERT ST. MERRIE  
 D.B.A. NA

Name of Installer (if incorporated) \_\_\_\_\_  
 D.B.A. Frost & Flame

Legal Address 689 MAIN ST COXHAM  
(Street and No.) (City or Town)

MAINE COMBESLAND 04038  
(State) (County) (Zip Code)

Home Telephone 207 797 15024 Business Telephone 1856 11000 - 7080

Years of experience doing fireplace or chimney installations 15

### CONSUMER IDENTIFICATION

Consumer's Name ANNE HASKELL

Mailing Address 31 HIGGINS ST PORTLAND  
(Street and No.) (City or Town)

MAINE \_\_\_\_\_ 04103  
(State) (County) (Zip Code)

Home Telephone 207 187 15808 Business Telephone CALL 1712 11244

Installer, please give a brief description of installation being offered.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I, \_\_\_\_\_, the installer, hereby attest that the preceding information provided is true to the best of my knowledge. I also understand that if I fail to conform with the standards as outlined in NFPA #211 that I shall be subject to penalties as outlined under Title 32, Chapter 33, and the Oil and Solid Fuel Board Rules.

Signature M. C. Abbott Date 11-29-06

**INSTALLATION STANDARDS**

The 1996 Edition of NFPA #211 contains provisions for chimney, fireplaces, venting systems, and solid fuel burning appliances including their installations. The standards applies to residential as well as commercial and industrial installations.

**PLEASE CHECK THE TYPE OF CONSTRUCTION TO BE BUILT:**

- Factory-Built Chimney and Chimney Units.**

Factory-built chimney and chimney units shall be listed and installed in accordance with the temperature conditions of the listing, the manufacturer's instructions and all applicable sections of NFPA #211.

- Factory-Built Fireplaces.**

Factory-built fireplaces shall be listed and shall be installed in accordance with the terms of the listing. Hearth extensions shall be provided in accordance with the manufacturer's instructions or shall be of masonry on non combustible construction in accordance with applicable sections of NFPA #211.

- Unlisted Metal Chimney (smokestacks) for Non Residential Applications.**

Single wall metal chimneys or unlisted metal chimneys shall not be used inside or outside of one and two family dwellings. Metal chimneys shall be constructed and installed in accordance with the appropriate sections of NFPA #211

- Masonry Chimney.**

*RELINE DUAL 3" ALUM  
DL 1777 + 441*

Masonry chimneys shall be constructed by appropriate sections of NFPA #211 for proper design, support, re-enforced, and installation..

- Masonry Fireplace.**

Masonry fireplaces shall comply with all requirements of NFPA #211 and all other pertinent sections.

**CONSUMER CHECKLIST**

1. Has the installer provided you with a written contract? 10 M.R.S.A., Chapter 219-A requires written contracts for any home remodeling or construction with an estimated cost in excess of \$1,400.
2. Have you asked the local fire department or code enforcement officials to inspect the installation during and after construction?
3. Is the installer familiar with current NFPA #211 standards and does he have a copy of same?
4. Have you asked for references to be provided by the installer?

**SEBAGO LAKE POOLS/ROYAL IMPROVEMENTS, INC.**  
**FROST N' FLAME**

**JOB INVOICE**

629 Main St.  
 Gorham, ME 04038  
 856-1000 856-7000  
 Fax 856-1164

889 Roosevelt Trail  
 N. Windham, ME 04062  
 893-3483 893-2876

cell 712-1244

HM. PHONE 871-5808	WK PHONE
CELL PHONE	ORDER TAKEN BY Tim (G)
DATE OF ORDER 11/20/06	CONTRACTOR
PHONE #	FAX #
MAILING ADDRESS	

To Anne Haskell  
31 Higgins St. Town: Portland  
 State: ME Zip Code: 04103

Directions: Take Brighton Ave to Stevens Ave. Go Ⓛ onto Stevens Ave. Down to Deering High School on Ⓛ. Higgins St. is on Ⓡ (1st St. on Ⓡ) 2nd House on Ⓛ #31 on House Ⓡ After woodwards St.

QTY.	MATERIALS	PRICE	AMOUNT	DESCRIPTION OF WORK / LOCATION
①	EPX 32DVS Insert #98400102	Reg. *1582-5%	1512 40	May need to remove customer's existing cap or go up thru it
①	EPX Face? (Color) #98500501 # Black Arch Face		192 00	get permit
①	Fireback Freebrick #96100100		115 00	Fireplace 125000 BTU
<b>GAS LINE INSTALLATION APPROX QUOTE</b>				
COST OF ANY PROPANE NOT INCLUDED (45 FT)				
①	Vent Materials into existing Masonry Fireplace. 35 FT Relin		645 00	Quote @ site N.G. Need to run New 3/4" TRAC pipe etc from where it comes into house to New fireplace
1	Remote on/off		180 00	Insert
GAS LINE MATERIALS 295 00 GAS LINE LABOR 175 00				
<b>REGULATOR &amp; GAS TANK PROPERTY OF WEBBER ENERGY</b>				
①	32DVS Panels (Size?) # Thompson & Anderson 32 W X 33 H (CUSTOM)		175 00	To Install unit + vent materials
LABOR HRS RATE AMOUNT 6 75 00				
TOTAL MATERIALS: 2819 00				
20% Restocking Fee for ANY returned or cancelled materials!				

I, the customer, have read the back of contract for terms & conditions of sale, and has signed back page

Work ordered by \_\_\_\_\_  
 Signature \_\_\_\_\_

I hereby acknowledge the satisfactory completion of the above described work

ANY PERMITS REQUIRED ARE CUSTOMER'S RESPONSIBILITY

50% DEPOSIT TO ORDER: 2,047.35 P. on card 11-28-06  
 BALANCE DUE UPON INSTALLATION: 2,047.35

Circle One:

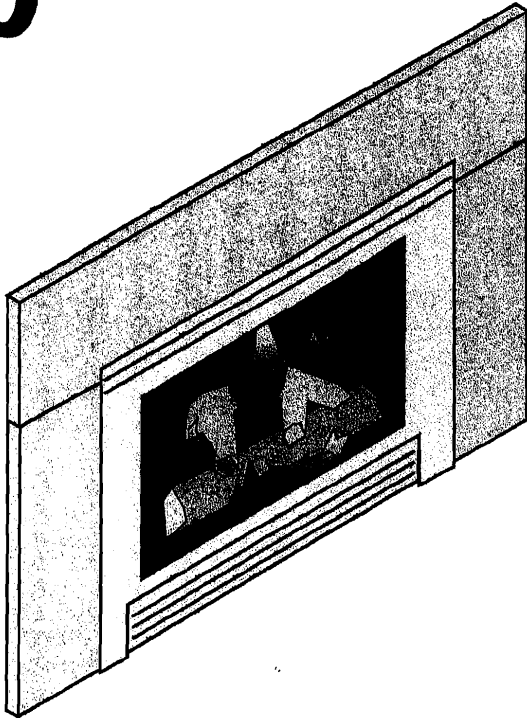
**Thank You**

VISA  
 CC.TB  
 11/20/06

PERMIT FEE IF REQUIRED	
ADDITIONAL SHIPPING COST	
JOB LABOR	675 00
MATERIALS	2819 00
MATERIALS FOR GAS LINE	295 00
GAS LINE LABOR	175 00
TAX	155 70
TOTAL	4,119 70
- SITE INSPECTION	- 25 00
BALANCE DUE	4,094 70

**NEW  
2006**

**TRAVIS INDUSTRIES  
HOUSE OF FIRE**



# DVS Insert EF II Owner's Manual

Featuring the



Burner

Tested and Listed by



OMNI-Test Laboratories, Inc.  
Beaverton, Oregon  
Report # 028-F-72-5  
ANSI Z21.88

- Direct Vent Fireplace Insert
- Masonry or Factory Built (Metal) Wood-Burning Fireplace
- Residential or Mobile Home

**WARNING:** If the information in these instructions 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 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.

This appliance may be installed as an OEM installation in a manufactured (mobile) home and must be installed in accordance with the manufacturer's instructions and the manufactured home construction and safety standard, Title 24 CFR, Part 3280.

This appliance is only for use with the type(s) of gas indicated on the rating plate. A conversion kit is supplied with the appliance.

**Installer:** After installation give this manual to the home-owner and explain operation of this heater.

**Travis Industries, Inc.**  
4800 Harbour Pointe Blvd. SW  
Mukilteo, WA 98275

© Copyright 2006, T.I.      \$10.00      100-01175      4051206

# Features and Specifications

## Features

- Works During Power Outages (millivolt system)
- High Efficiency
- Optional Thermostat or Remote Control
- Ember Fyre™ Burner for "Wood Fire" Look
- Quiet Blower for Effective Heat Distribution
- Convenient Operating Controls
- Variable-Rate Heat Output
- Low Maintenance

## Installation Options

- Residential or Mobile Home
- Fireplace Insert
- Masonry or Factory Built (Metal) Wood-Burning Fireplace

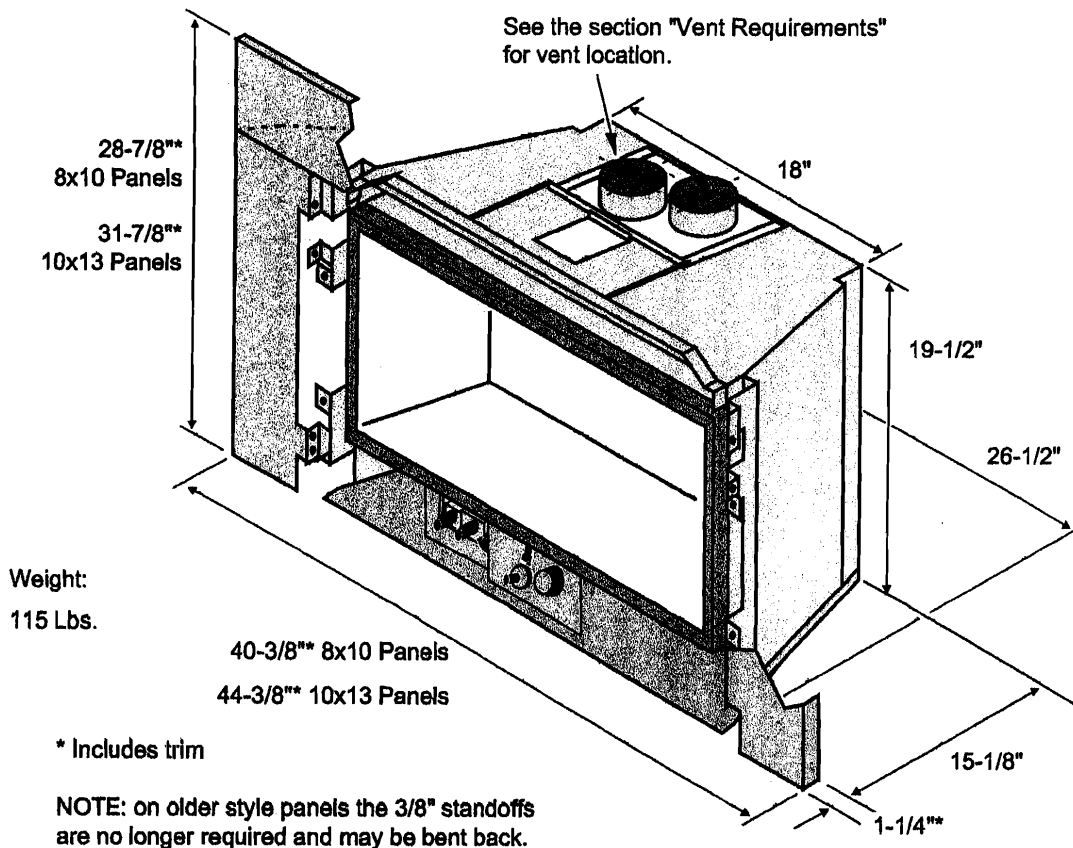
## Heating Specifications

	Natural Gas	Propane
Approximate Heating Capacity (in square feet)*	500 to 1,500	500 to 1,500
Maximum BTU Input Per Hour	31,000	31,000
Minimum BTU Output on Low	18,600	16,000
Steady State Efficiency** (with blowers on)	80 %	80.5 %
AFUE (Annual Fuel Utilization Efficiency)	72.1 %	73.9 %

\* Heating capacity will vary with floor plan, insulation, and outside temperature.

\*\* Efficiency rating is a product of thermal efficiency rating determined under continuous operation independent of installed system.

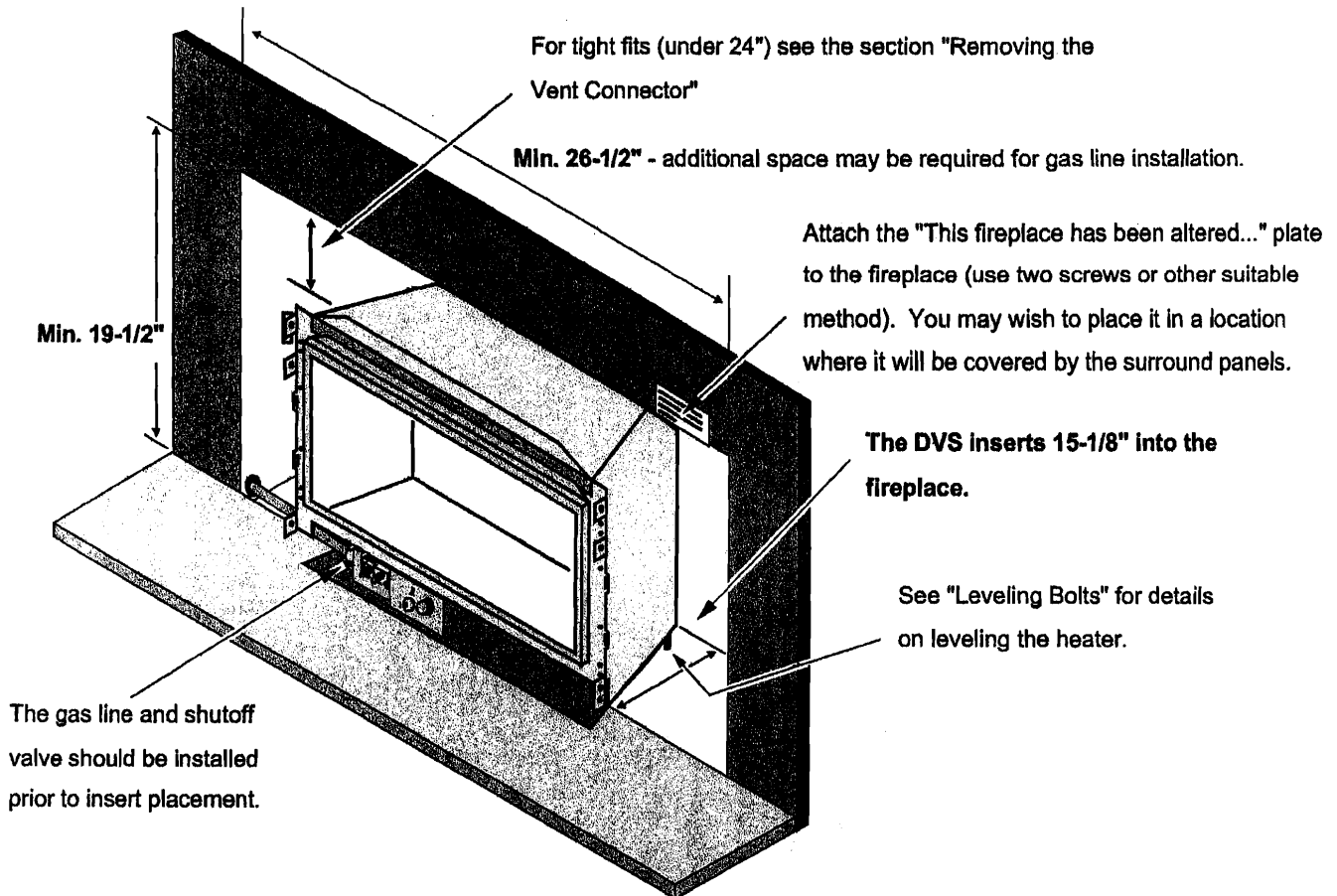
## Dimensions



## Installation (for qualified installers only)

### Fireplace Requirements

- Insert must be placed within a code-conforming masonry fireplace or tested and listed factory-built (metal) wood-burning fireplace. Repair any fireplace damage prior to installation.
- Because the insert uses a circulation blower, clean the fireplace, smoke shelf, and chimney prior to installation.
- This heater may be placed in a bedroom. Please be aware of the large amount of heat this appliance produces when determining a location.

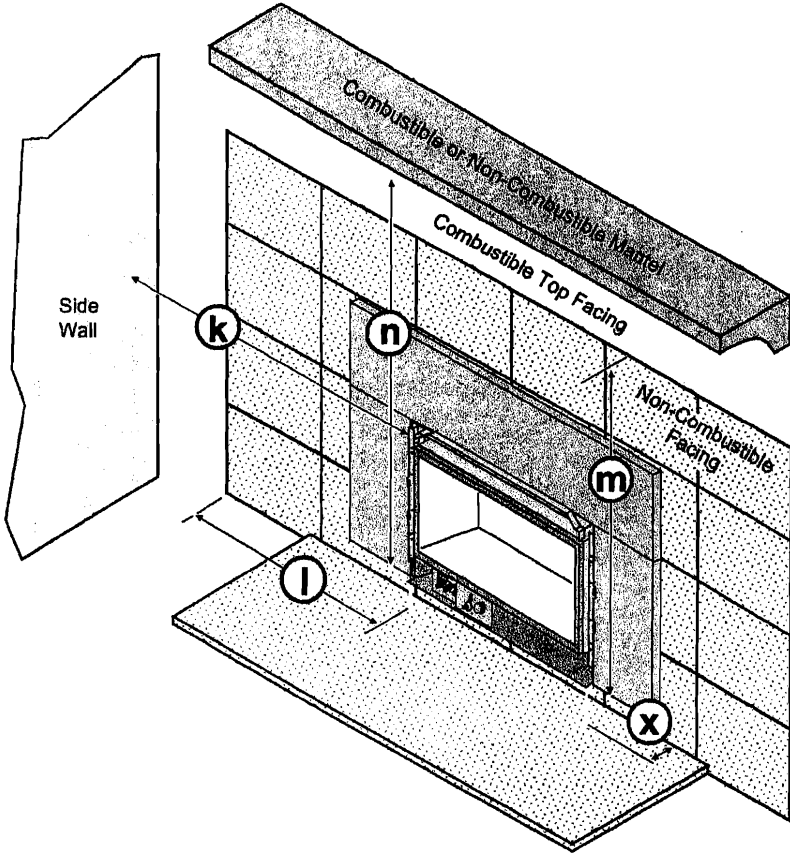




# Installation (for qualified installers only)

## Clearances

Due to the high temperature of the heater, it should be located out of traffic and away from furniture and draperies.



## Minimum Clearances

k	Sidewall to Insert	4-1/2"
l	Side Facing	4-1/2"
m	Top Facing*	35"
n	Mantel**	34 to 35"
x	Extension onto Hearth	1-1/4"

\* The non-combustible top facing must extend 35" above the base of the insert or to the bottom of the mantel (whichever is less).

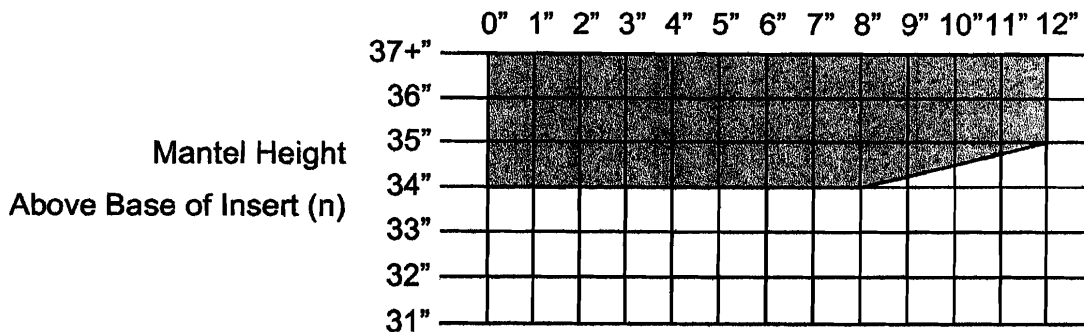
\*\* Measured from the base of the insert - see "Mantel Clearances" for additional specifications.

## Mantel Clearances

The maximum mantel depth is 12".

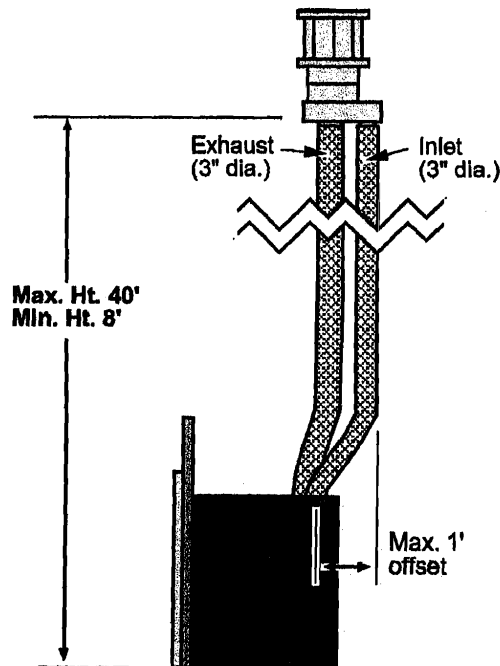
NOTE: The combustible area above the facing must not protrude more than 3/4" from the facing. If it does, it is considered a mantel and must meet the mantel requirements listed in this manual.

Maximum Mantel Depth



### Vent Requirements

- The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas-burning appliance. Each direct vent gas appliance must use its own separate vent system.
- Make sure the exhaust pipe on the heater connects to the exhaust portion of the cap. The illustrations below show how the flex liners should be attached.
- The exhaust vent must reline the entire length of the chimney and terminate above the chimney top.
- Be careful not to crimp or rupture the liner when bending it into chimney offsets.
- When installed, the vent must meet all of the vent manufacturer's requirements.
- Make sure to order the following:
  - 3" UL 441 Gas Liner for Exhaust and Air Inlet
  - 6-5/8" to 3" & 3" Co-Linear Adapter & Flashing (Simpson DuraVent Part # 923GK).
  - Vertical Termination Cap (Dura-Vent pt # 991)



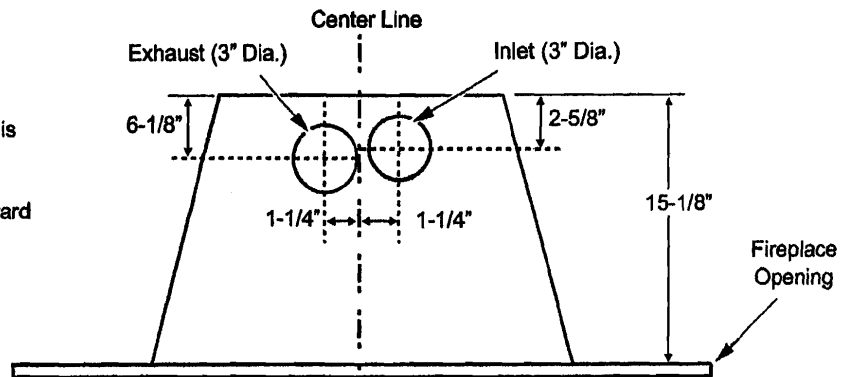
### Altitude Considerations

- This heater has been tested at altitudes ranging from sea level to 8,000 feet (2,400 M). In this testing we have found that the heater, with its standard orifice, burns correctly with just an air shutter adjustment.
- Failure to adjust the air shutter properly may lead to improper combustion which can create a safety hazard. Consult your dealer or installer if you suspect an improperly adjusted air shutter.

### Vent Location

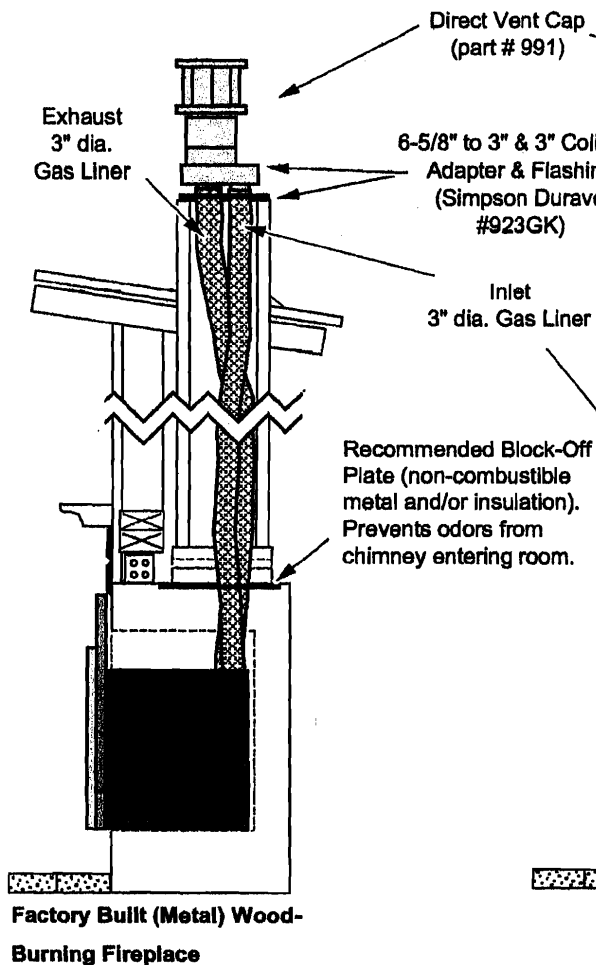
- A vent restrictor is built into the appliance to adjust the flow rate of exhaust gases. This ensures proper combustion for all vent configurations. Depending upon the vent configuration, you may be required to adjust the restrictor position. The charts for acceptable vent configurations detail the correct vent restrictor position.

**NOTE:** Vent location changes based upon restrictor position. Position # 1 is shown to the right. Each restrictor position moves the vent location forward (toward the fireplace opening) approximately  $1/4"$ .

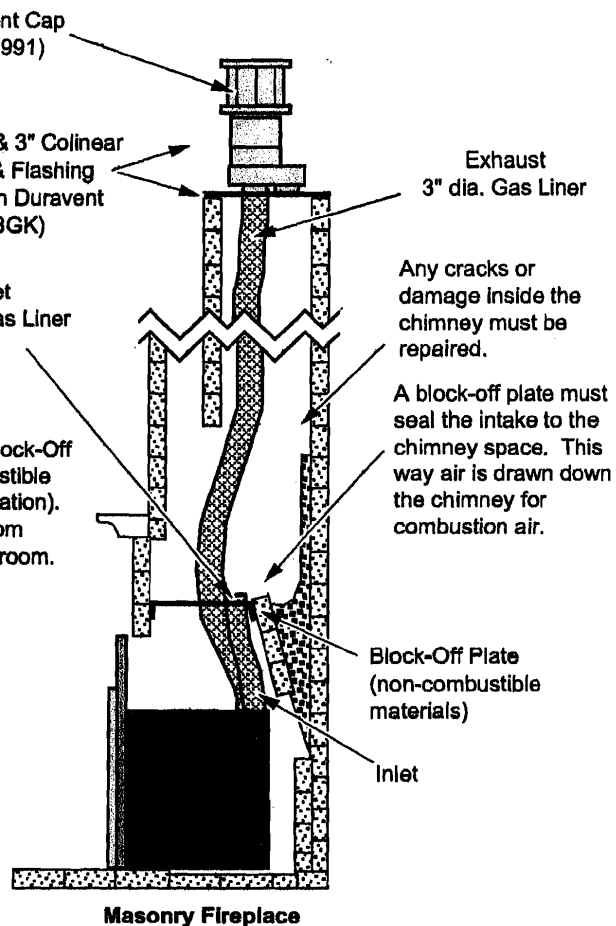


### Vent Configurations

#### Inlet & Exhaust Re-Line



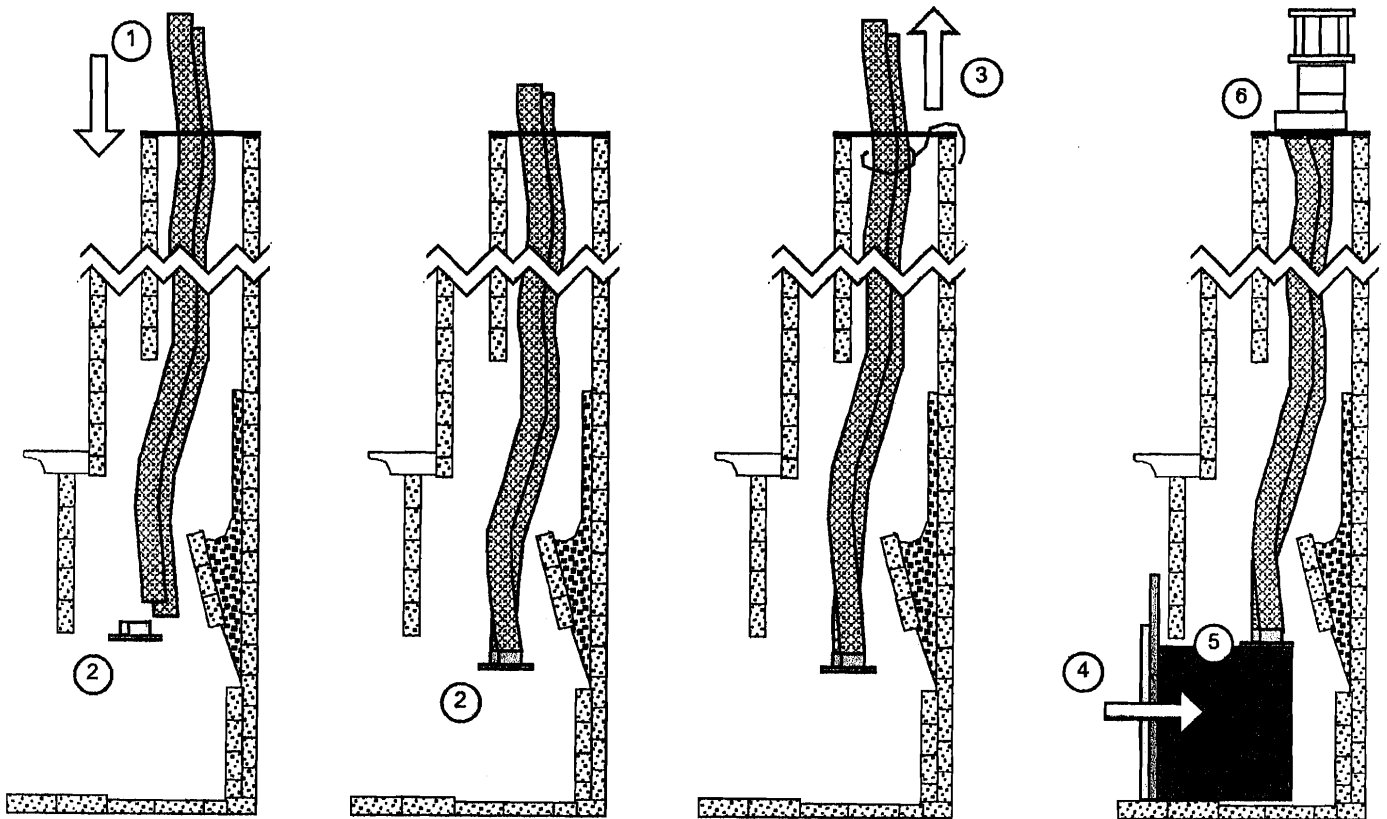
#### Exhaust Only Re-Line



**NOTE:** You may use either re-line configuration with a masonry or zero-clearance fireplace.

**Vent Connector Removal and Installation**

- The vent connector is shipped attached to the insert, but may be removed to facilitate tight installations. See the directions below for installation.
1. Route the flex vent through the chimney from above (leave an extra 3' at the top). Make sure the flex is thoroughly stretched.
  2. Remove the vent connector and attach it to the flex vent (see the instructions on the following page). NOTE: be careful of the anti-seize on the connector – it will stain clothing, etc.
  3. Pull on the flex vent until the vent connector is at the same height as the insert. Temporarily attach the flex vent to the top of the chimney (leave extra slack).
  4. Slide the insert into place, guiding the vent connector into the guides on top of the insert.
  5. Attach the vent connector to the appliance (see the following page for details).
  6. Remove any excess slack in the flex line and attach the vent termination.





**CITY OF PORTLAND, MAINE**  
**Department of Building Inspections**

20

Received from \_\_\_\_\_

Location of Work \_\_\_\_\_

Cost of Construction \$ \_\_\_\_\_

Permit Fee \$ \_\_\_\_\_

Building (I1) \_\_\_\_\_ Plumbing (I5) \_\_\_\_\_ Electrical (I2) \_\_\_\_\_ Site Plan (U2) \_\_\_\_\_

Other \_\_\_\_\_

CBL: \_\_\_\_\_

Check #: \_\_\_\_\_

**Total Collected \$** \_\_\_\_\_

**THIS IS NOT A PERMIT**

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$10.00 or 10% whichever is greater.

WHITE - Applicant's Copy  
YELLOW - Office Copy  
PINK - Permit Copy