

PERMIT ISSUED

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 07-1067	Issue Date: NOV 1 2007	CBL: 187 J003001
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Location of Construction: 60 MAYLAND ST	Owner Name: COLTON MICHAEL R & CAROL	Owner Address: 60 MAYLAND 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: R-5

Past Use: Single Family Home	Proposed Use: Single Family Home - install a LOPI wood-gas-pellet direct vent stove	Permit Fee: \$60.00	Cost of Work: \$3,366.00	CEO District: 4
Proposed Project Description: install a LOPI wood-gas-pellet direct vent stove		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied Signature: <i>[Signature]</i>	INSPECTION: Use Group: <i>[Signature]</i> Type: Signature: <i>[Signature]</i>	
		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: ldobson	Date Applied For: 08/31/2007	Zoning Approval		
<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. 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 Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>9/4/07</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 checked="" 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>[Signature]</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.

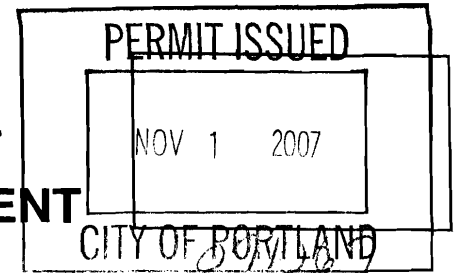
SIGNATURE OF APPLICANT ADDRESS DATE PHONE

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 137-J-3 SFH Use of Building _____ Date 8-30-07
 Name and address of owner of appliance MIKE + CAROL COLTON
60 MAYLAND ST PORTLAND MAINE 04103
 Installer's name and address FROST 'N' FLAME 621 MAIN ST
GORHAM MAINE 04038 Telephone 207 556 1000 - 7000

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name:

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 # PNIT 5126
- Other _____

Type of Chimney:

Masonry Lined
Factory built _____

Metal
Factory Built U.L. Listing # _____

Direct Vent
Type SELKIRK DV UL# _____
WWW.SELKIRK.COM.

Type of Fuel Tank

- Oil
- Gas NATURAL

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 2316.75

Permit Fee: \$ 60

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer [Signature]

20 5/8 center

650



- Direct Vent Freestanding Stove
- Natural Gas or Propane
- Vent Horizontally or Vertically
- Standard Residential
- Mobile Home Approved

Tested and Listed by



OMNI-Test Laboratories, Inc.
 Beaverton, Oregon
 Report # 028-S-55-5
 ANSI Z21.88

Featuring the  Burner

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 in an aftermarket permanently located, manufactured home (USA only) or mobile home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases unless a certified kit is used.

Sweet Dreams Owner's Manual

Installer: After installation give this manual to the homeowner and explain operation of this heater.

\$10.00 © Copyright 2003, T.I. Part # 100-01155

 **Travis Industries, Inc.**
 10850 117th Place N.E. Kirkland, WA 98033

⚠ Installation Warnings:

- ! Failure to follow all of the requirements may result in property damage, bodily injury, or even death.
- ! This heater must be installed by a qualified installer who has gone through a training program for the installation of direct vent gas appliances.
- ! This appliance must be installed in accordance with all local codes, if any; if not, follow ANSI Z223.1 and NFPA 54(88).
- ! In Manufactured or Mobile Homes must conform with Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or, when such a standard is not applicable, the Standard for Manufactured Home Installations, ANSI/NCSCS A225.1. This appliance may be installed in Manufactured Housing only after the home is site located.
- ! This stove is designed to operate on natural gas or propane (LP).
- ! All exhaust gases must be vented outside the structure of the living-area. Combustion air is drawn from outside the living-area structure.
- ! Notify your insurance company before hooking up this stove.
- ! The requirements listed below are divided into sections. All requirements must be met simultaneously. The order of installation is not rigid – the qualified installer should follow the procedure best suited for the installation.

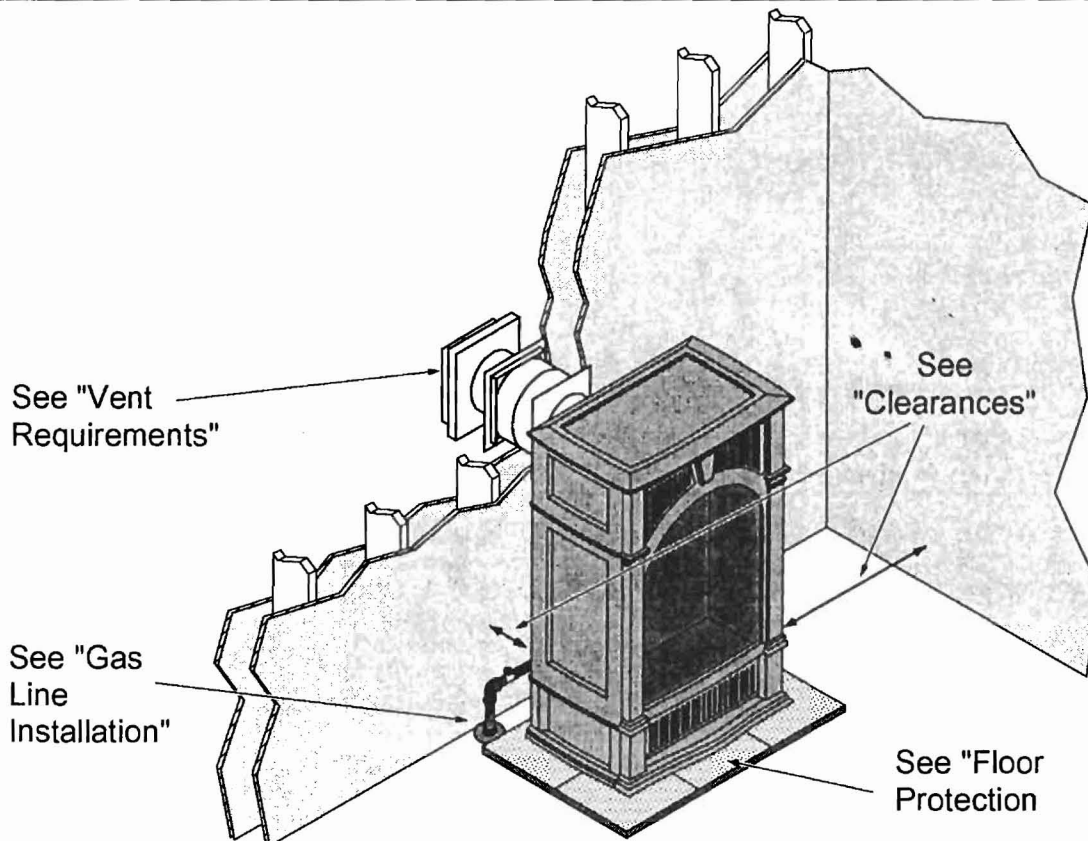
Packing List

- Propane Conversion Kit
- Log Set
- Glass Latch Tool (to un-latch glass frame)

Additional Items Required

- Vent (see "Venting Requirements" for details)
- Gas Line Equipment (shutoff valve, pipe, etc.)

Installation Overview

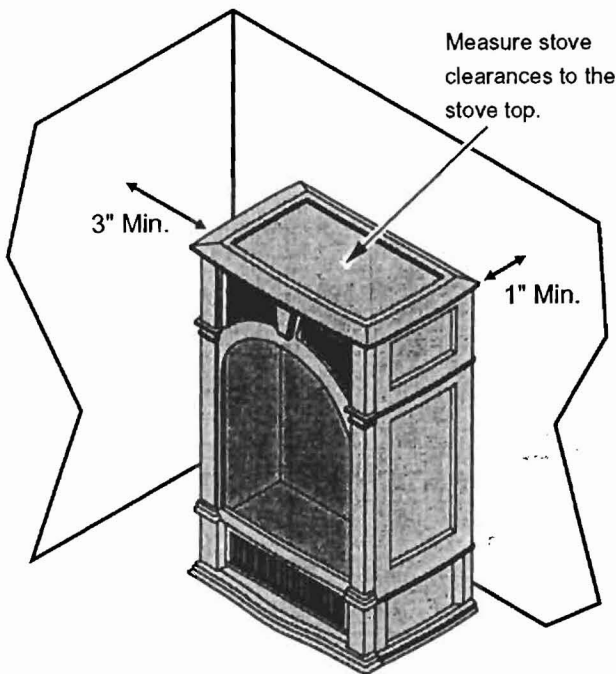


i Installation Hints:

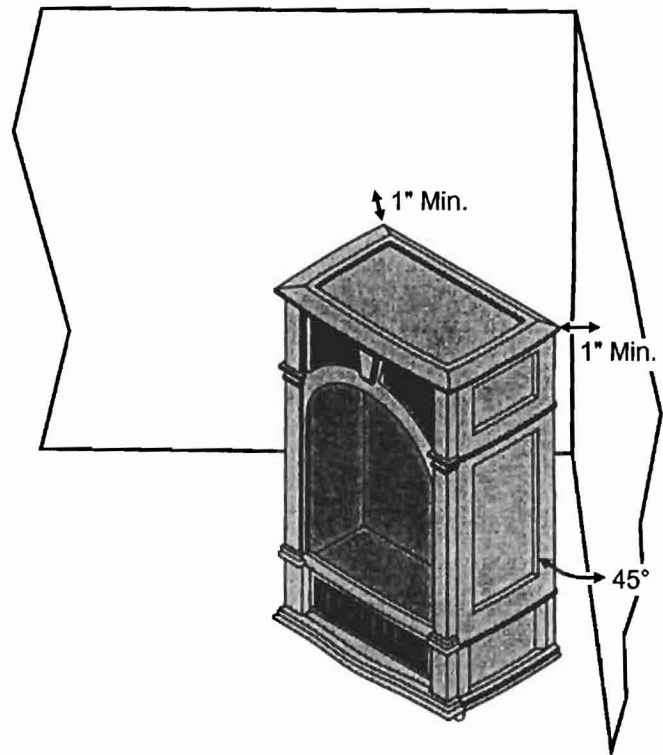
- If converting to LP, convert the appliance prior to installation.
- If using the optional blower, install it prior to installation.
- Install the logs last - they are fragile.
- When determining the location of the stove, locate the wall studs (for horizontal penetrations) and ceiling trusses (for vertical penetrations). You may wish to adjust the stove position slightly to ensure the vent does not intersect with a framing member.
- Fumes and smoke from the paint curing and oil burning off the steel may occur the first time you start this heater. This is normal. We recommend you open windows to vent the room.

Stove Clearances

Straight Installations



Corner Installations



Mobile Home Requirements

- When the stove is installed in a mobile home, it must be bolted to the floor (use the leg mounting kit with or without legs) and the appliance grounded (use the optional blower with a grounded circuit or other suitable grounding method - current ANSI/NFPA 70).

Vent Requirements

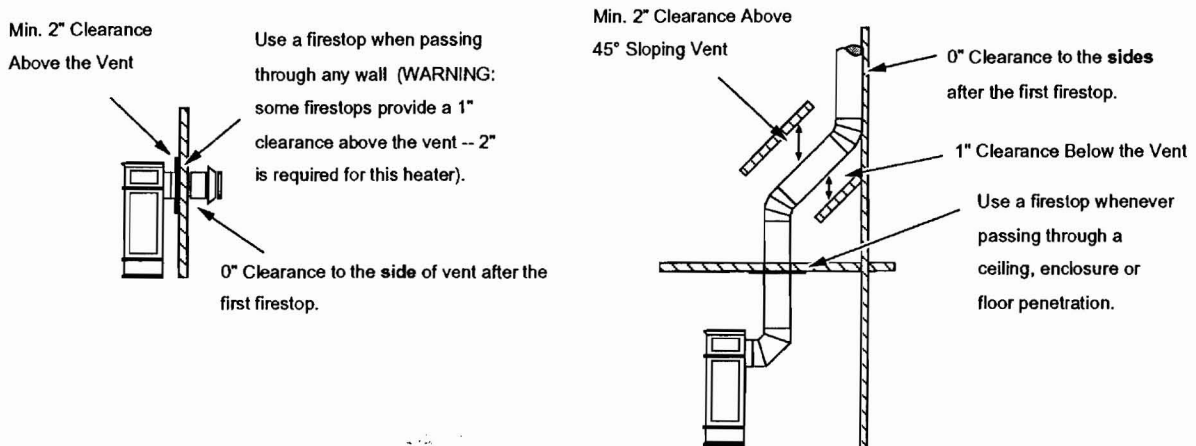
- The vent must maintain the required clearance to combustible materials to prevent a fire (see "Clearances" below). Do not fill air spaces with insulation.
- The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas-burning appliance. Each direct vent gas appliance must use its own separate vent system.

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 Clearances



Part Numbers for 8" Diameter Pipe

- Use Model GS Direct Vent manufactured by Simpson Dura-Vent **only**. Follow the installation instructions included with the vent. For the nearest Simpson Dura-Vent supplier, call (800) 835-4429. Vent part numbers and descriptions are listed below.

Straight Lengths

1208B	6" Pipe Length, Black
1207B	9" Pipe Length, Black
1206B	12" Pipe Length, Black
1204B	24" Pipe Length, Black
1203B	36" Pipe Length, Black
1202B	48" Pipe Length, Black
1211B	11" to 14-5/8" Adjustable Pipe, Black

Terminations

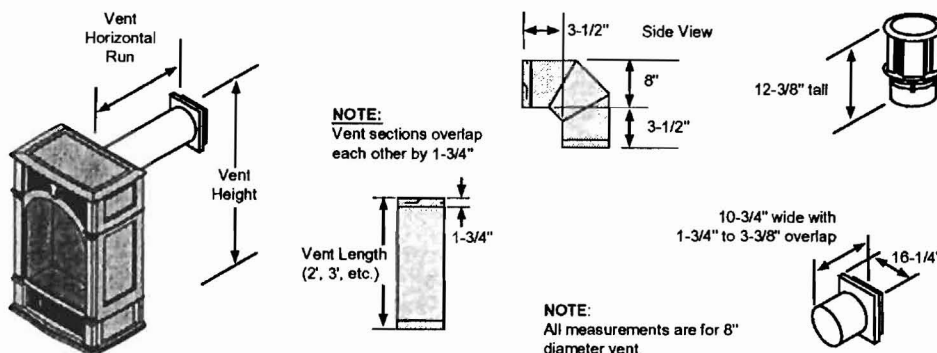
1285	Horizontal Square Termination
1291	Vert. High Wind Termination
1250	Vinyl Siding Stand-off

Penetration, Support

1242	Wall Firestop
1241	Cathedral Ceiling Support Box
1263	Ceiling Fire-stop
1288	Wall Strap

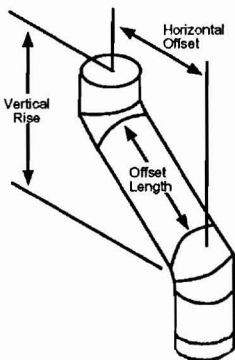
Elbows

1245B	45° Elbow, Black
1290B	90° Elbow, Black

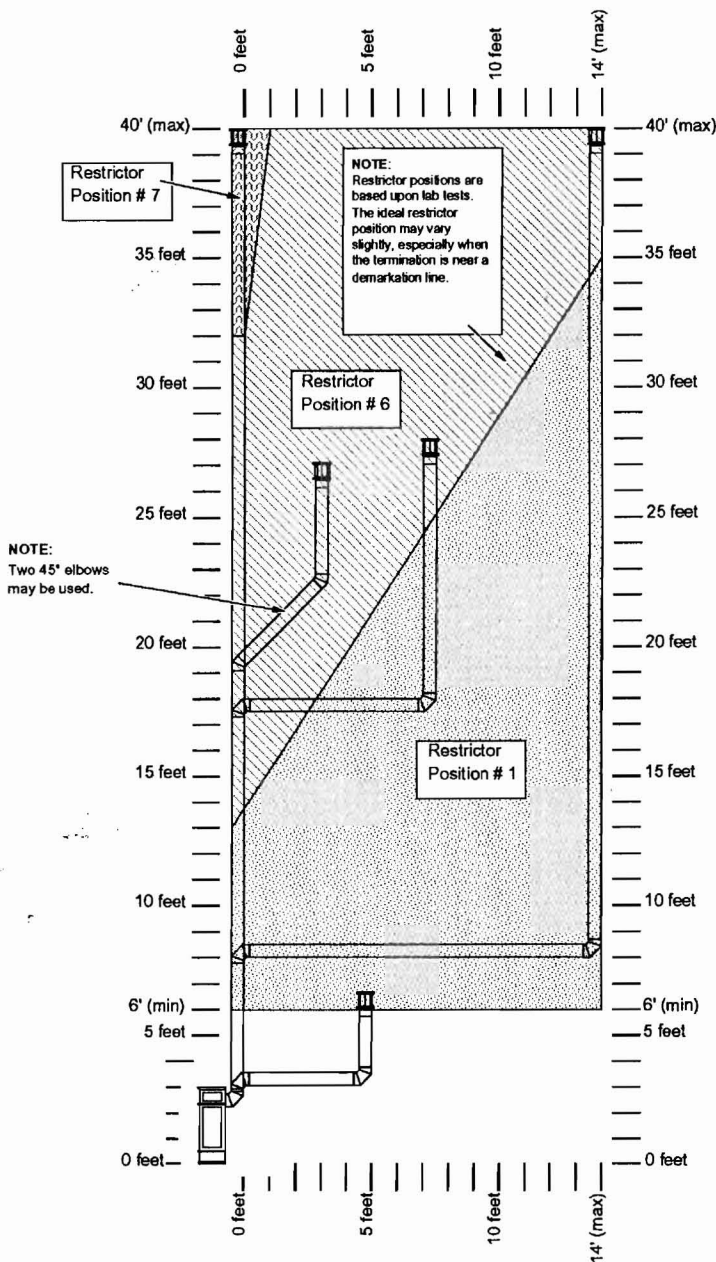


Vertical Terminations

- The diffuser must be removed.
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.
- If using offsets, use the table below to calculate the vertical rise and horizontal offset

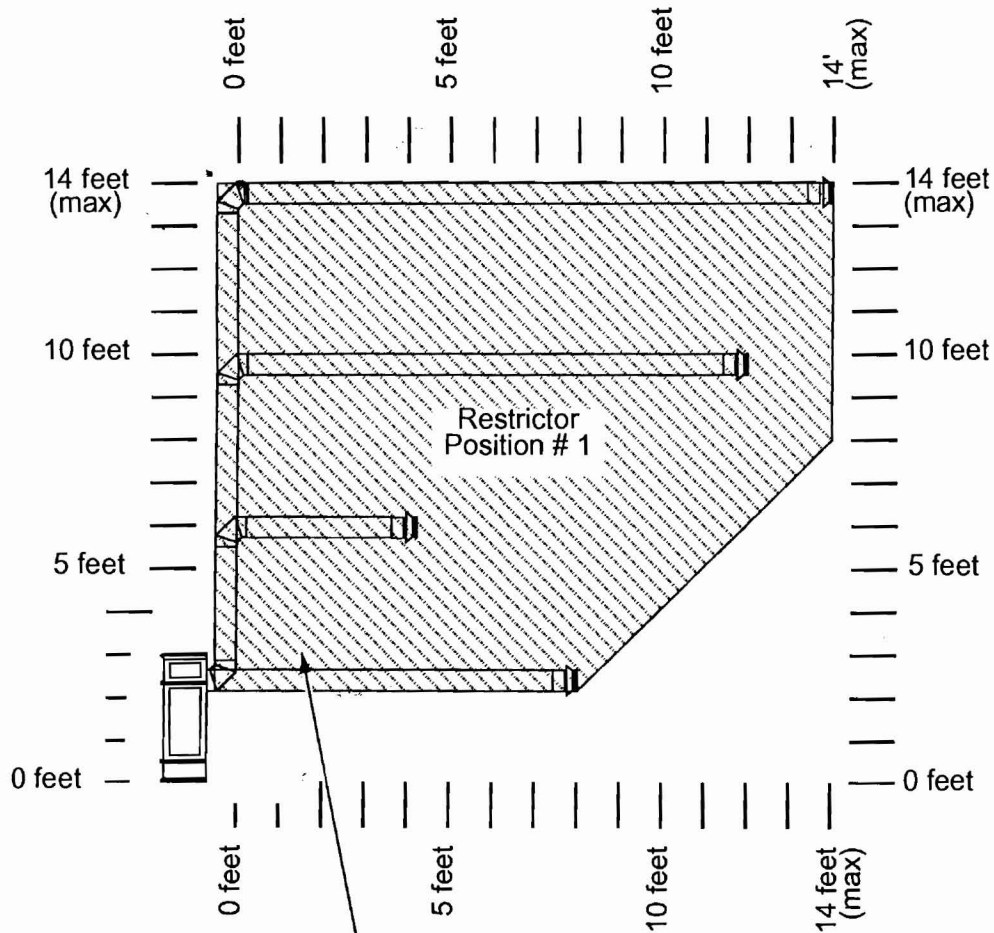


Offset Length	Hor. Offset	Vert. Rise
None	5"	1'
1' Section	1'	1' 7"
2' Section	1' 9"	2' 4"
3' Section	2' 5"	3'
4' Section	3' 2"	3' 8"
4' + 1' Section	3' 9"	4' 4"
4' + 2' Section	4' 6"	5'
4' + 3' Section	5' 2"	5' 9"
4' + 4' Section	6'	6' 9"



Horizontal Terminations – LP (Propane)

- The diffuser must be removed.
- If using a Snorkel Termination (14" or 36") add the snorkel height to the vertical height (snorkel terminations are used primarily for basement installations).
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.

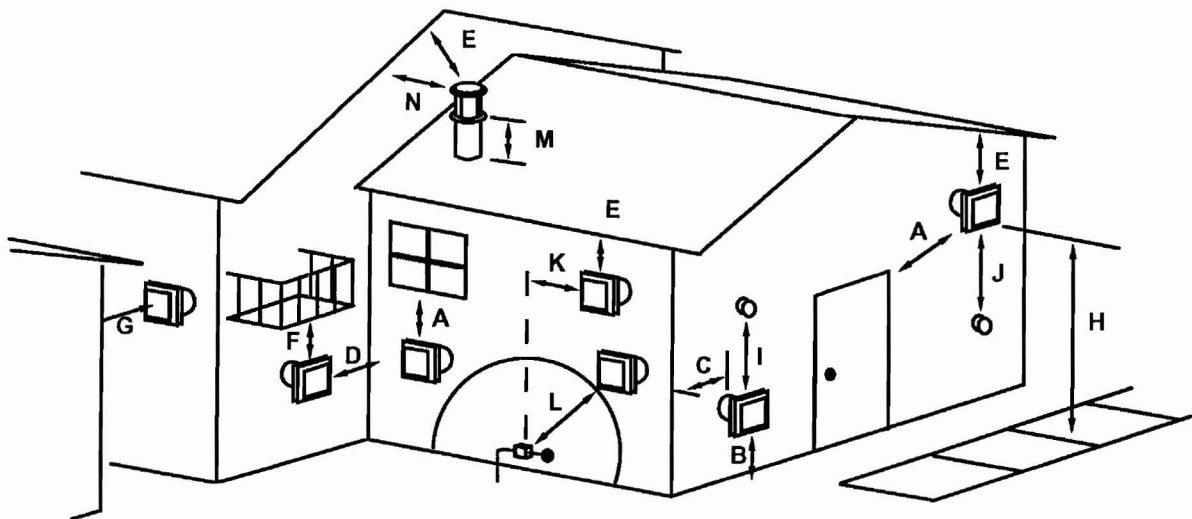
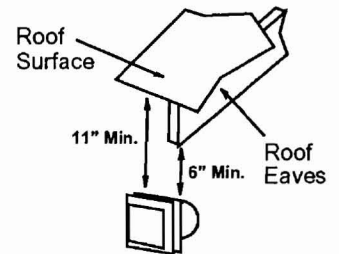


NOTE:
Horizontal sections require a 1/4" rise every 12" of travel.

NOTE:
Restrictor positions are based upon lab tests. The ideal restrictor position may vary slightly.

Vent Termination Requirements (see illustration below)

- I Venting terminals shall not be recessed into a wall or siding.
- A Minimum 9" clearance from any door or window
- B Minimum 12" above any grade, veranda, porch, deck or balcony
- C Minimum 12" from outside corner walls
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.
- D Minimum 12" from inside corner walls
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.
- E Minimum 11" clearance below unventilated soffits or roof surfaces
Minimum 18" clearance below ventilated soffits
Minimum 6" clearance from roof eaves
NOTE: Vinyl surfaces require 24"
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.
- F Minimum 12" clearance below a veranda, porch, deck or balcony
NOTE: Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.
- G Minimum 48" clearance from any adjacent building
- H Minimum 84" clearance above any grade when adjacent to public walkways or driveways
NOTE: may not be used over a walkway or driveway shared by an adjacent building
- I Minimum 48" clearance from any mechanical air supply inlet
- J Minimum 36" clearance above and 48" below and to the sides of non-mechanical air supply inlet
- K Minimum 36" from the area above the meter/regulator (vent outlet)
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.
- L Minimum 36" from the meter/regulator (vent outlet)
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.
- M Minimum 12" above the roof line (for vertical terminations)
- N Minimum 24" horizontal clearance to any surface (such as an exterior wall) – for vertical terminations



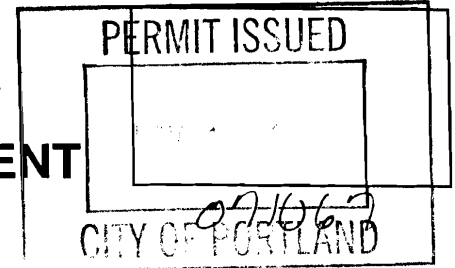
NOTE: Measure clearances to the nearest edge of the exhaust hood.

- Use the vinyl siding standoff (#1250) when installing on an exterior with vinyl siding.
- Vent termination must not be located where it will become plugged by snow or other material



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60 MAYLAND ST PORTLAND MAINE 04103
 Installer's name and address FROST 'N' FLAME 621 MAIN ST
GORHAM MAINE 04038 Telephone 207 856 1000 - 7000

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

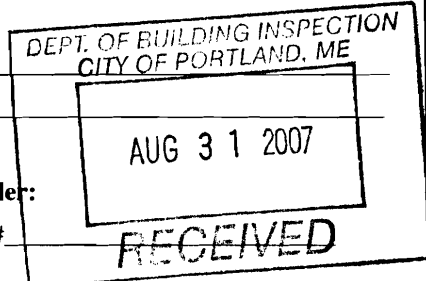
- Gas
- Oil
- Solid

Appliance Name:

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 5126
- Other _____

Type of Chimney:

Masonry Lined
Factory built _____

Metal
Factory Built U.L. Listing # _____

Direct Vent
Type SELKIRK DV UL# _____
WWW.SELKIRKINC.COM

Type of Fuel Tank

- Oil
- Gas NATURAL

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 3366.00

Permit Fee: \$ 60

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Signature of Installer

Inspector's Signature

Date Approved