

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that PENNY J MCAULEY

Located At 25 CARON ST

Job ID: 2011-12-2916-HVAC

CBL: 388-B-001-001

has permission to Install an HVAC system.

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

12/14/2011

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD

Assessor's Office | 159 Congress Street | Portland, Maine 04101 | Room 115 | (207) 874-8186

[City](#) [Home](#) [Departments](#) [City Council](#) [E-Services](#) [Calendar](#) [Jobs](#)

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

Current Owner Information:

Services

Applications

Doing business

Maps

Tax Roll

Tax Roll

Q & A

[Browse city services a-z](#)

[Browse facts and links a-z](#)

CBT 388 B001001
Land Use Type SINGLE FAMILY
Property Location 25 CARON ST
Owner Information MCAULEY PENNY J
 25 CARON ST
 PORTLAND ME 04103
Book and Page 11130/253
Legal Description 388-B-1
 CARON ST 23-29
Acres 10000 SF
 0.23

Current Assessed Valuation:

TAX ACCT NO. 39908 **OWNER OF RECORD AS OF APRIL 2011**
 MCAULEY PENNY J
LAND VALUE \$86,000.00 **25 CARON ST**
BUILDING VALUE \$119,700.00 **PORTLAND ME 04103**
HOMESTEAD EXEMPTION (\$10,000.00)
NET TAXABLE - REAL ESTATE \$195,700.00
TAX AMOUNT \$3,577.40

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or [e-mail](mailto:treasury@portmaine.gov) treasury@portmaine.gov



Best viewed at 800x600, with Internet Explorer

Building Information:

Building 1
Year Built 1978
Style/Structure Type RAISED RANCH
Stories 1
Bedrooms 3
Full Baths 1
Half Baths 1
Total Rooms 6
Attic NONE
Basement FULL
Square Feet 1450

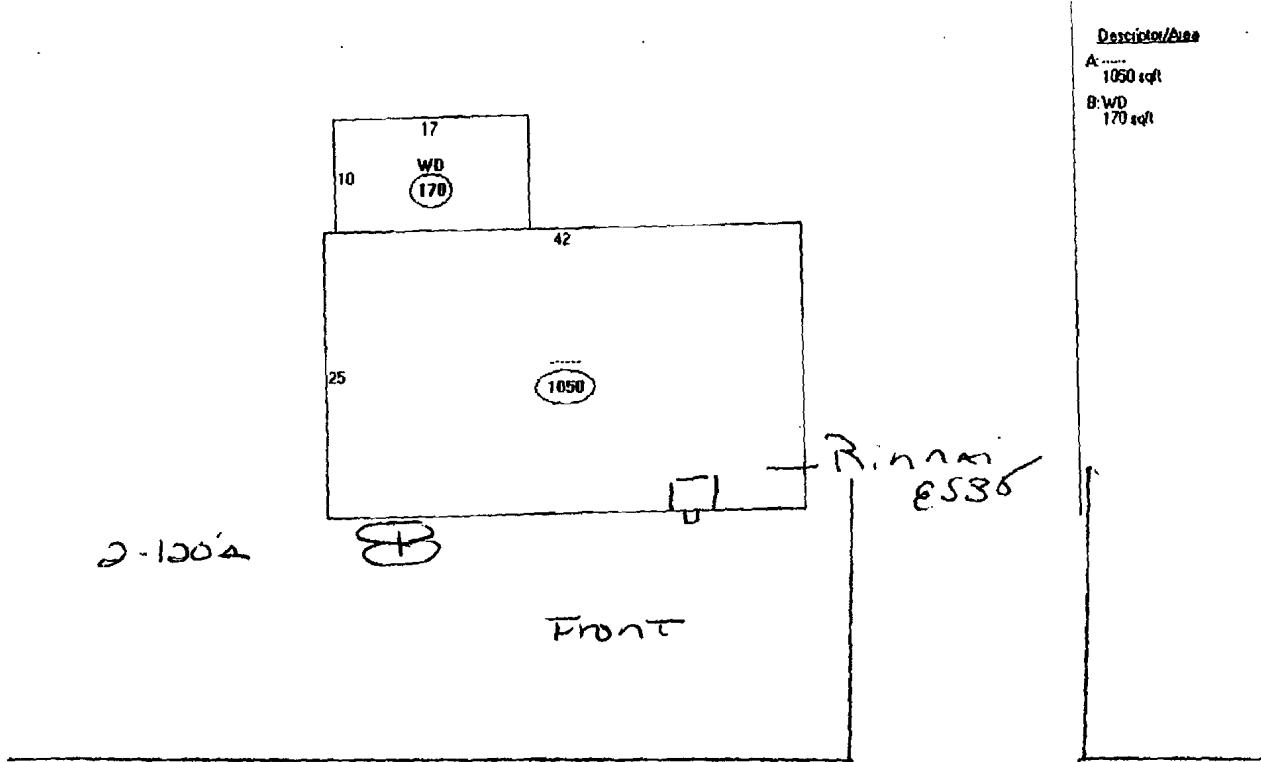
[View Sketch](#) [View Map](#) [View Picture](#)



Sales Information:

Sale Date	Type	Price	Book/Page
11/17/1993	LAND + BUILDING	\$108,000.00	11130/253

[New Search](#)



Owner's Operation and Installation Manual for the

ES38 (RHFE-1004RFA)

Energysaver

Gas Direct Vent Wall Furnace

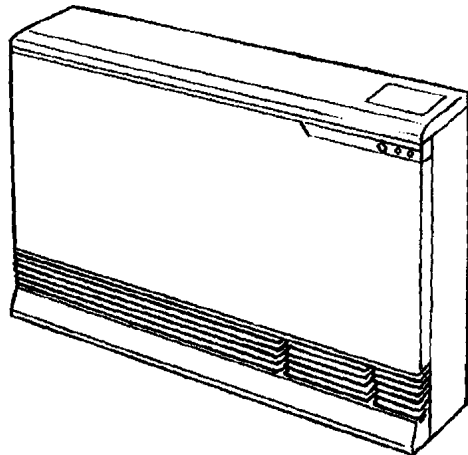


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WARNING: If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- 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 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.
- 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.

Register your product at www.rinnairegistration.com
or call 1-866-RINNAI1 (746-6241)

Rinnai®

Flue Manifold Installation

- The flue manifold must exhaust to the outside. Do not exhaust into other rooms.
- The flue manifold is not designed to be positioned under floors or below the heater.
- The termination cannot be vertical.
- This appliance can only be used with one of the five types of Rinnai flue kits. The flue kits and their dimensions are listed on the previous page.
- Refer to the Flue Terminal Clearances section.

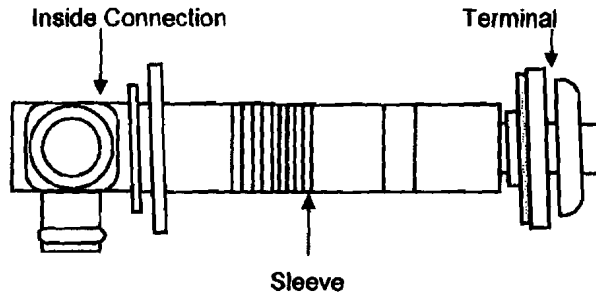
1. Disassemble the flue manifold

The flue consists of 3 parts:

- sleeve
- inside connection
- outside terminal

Disassemble the flue manifold by first pulling out the inside connection. To remove the outer terminal pull and release the two internal ties and then pull out the outer terminal.

Clearance to combustibles for the sleeve and flanges is zero inches.



2. Adjust the sleeve length

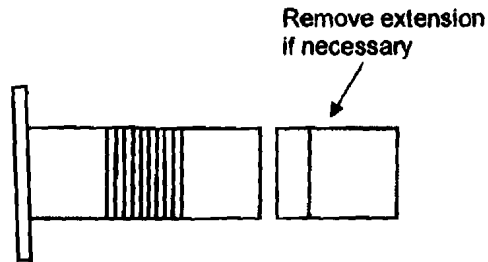
Measure wall thickness through previously drilled 3 1/8 inch (80 mm) hole.

The end of the sleeve should protrude 3/16 - 3/8 inch (5-10 mm) from the outside wall.

The sleeve is threaded for adjustment. Adjust the sleeve length to wall thickness plus 3/16 - 3/8 inch (5-10 mm).

NOTE: Do not extend beyond the red line.

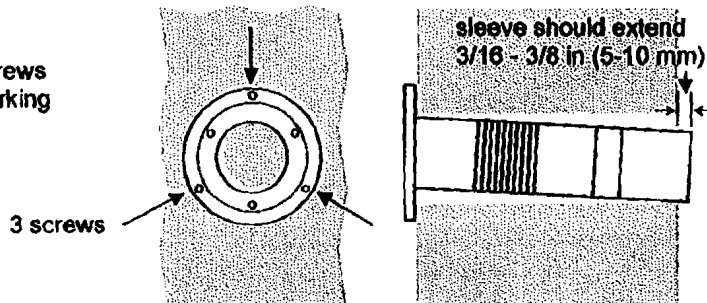
For other than the "S" type flue manifold, if a shorter length is necessary an extension can be removed. Cut the plastic and remove the extension.



3. Attach the sleeve

Attach to the inside wall using 3 screws arranging the flange so that the marking "TOP" is at the top.

The flange is offset 2° to allow the condensate drain to the outside.

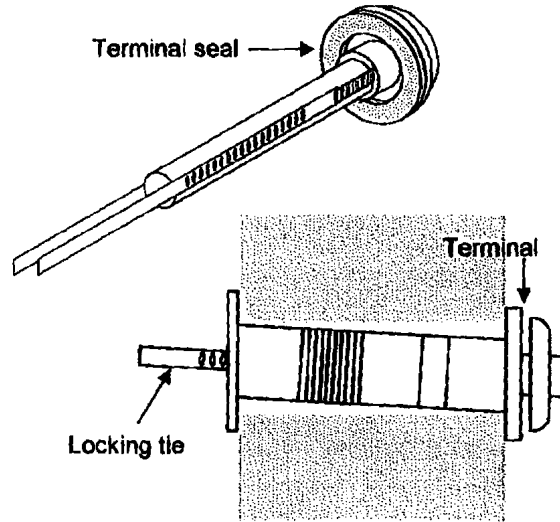


Flue Manifold Installation

4. Install the Terminal

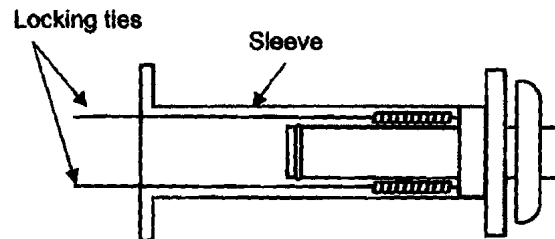
Check that the terminal seal is in place. For weatherboard walls, add the second seal next to the terminal seal to compensate for weather board angle.

From the outside insert the terminal into the sleeve with the marking "TOP" at the top. The left hand side locking tie should be marked "LEFT".



6. Lock the ties

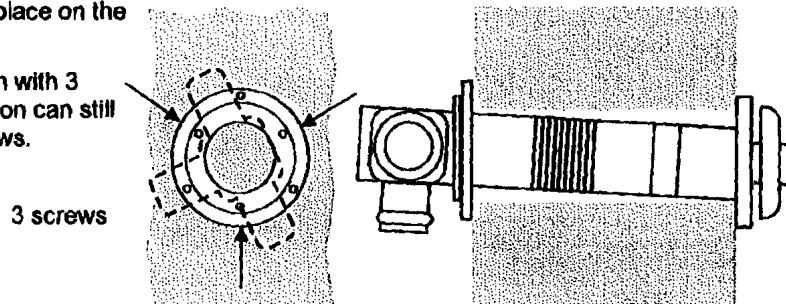
Pulling hard on the left and right hand ties, clip the ties over the notches inside the sleeve. You should be able to pull the ties 2 or 3 notches past the starting point. Cut the ties, leaving about 3/4 inch (20 mm) past the notch. Bend the ties back into the sleeve and parallel to the wall.



7. Insert Inside Connection Assembly

Push the assembly into the terminal tube, ensuring that the seal is in place on the inner tube.

Attach the inside connection with 3 screws. The inner connection can still be turned to install the screws.



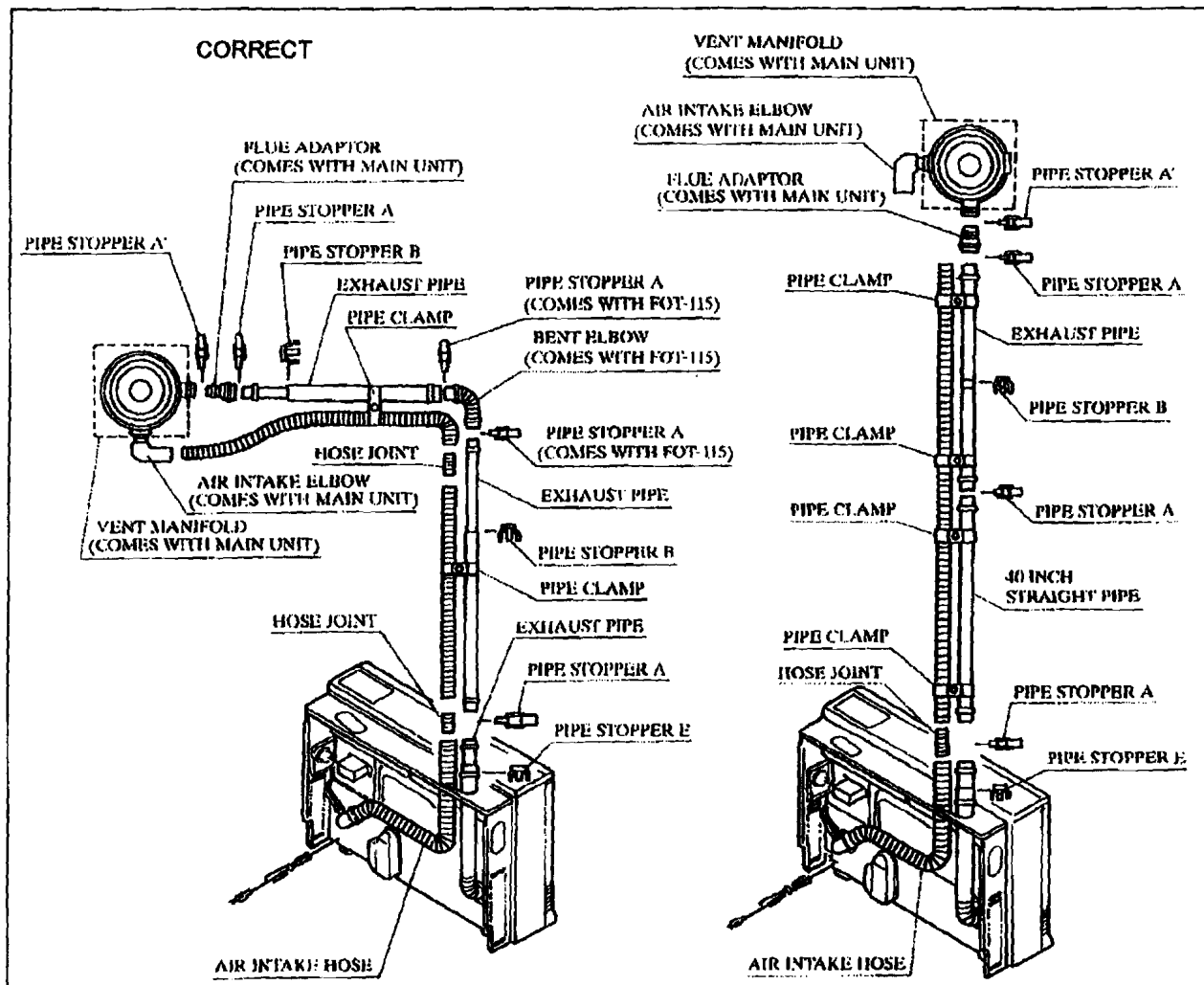
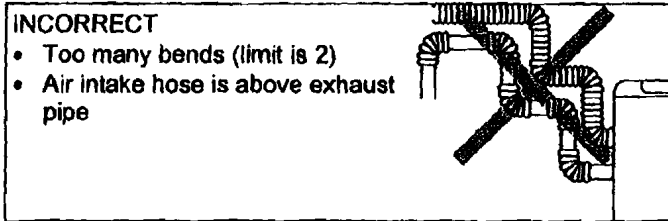
Extension Kit Installation

If necessary, extension kits are available to extend the exhaust line and air intake hose between the manifold and the appliance. The maximum vent length is 13 feet (4 m) with 2 bends. The bent pipe attached to the appliance does not count toward the max limit of 2 bends. Any length (horizontal and vertical) in excess of 8 feet (2.4 m) must be sloped 3° downward toward the flue manifold to allow condensate to drain to the outside. Do not allow any low points in the exhaust line where condensate will collect.

Vent extensions installed in unconditioned air space must be insulated with high temperature insulation and must be accessible.

Vent extensions must not be concealed per NFPA 54 and must be accessible allowing inspection and repair. Decorative covers are available from Rinnai.

Examples



Extension Kit Installation

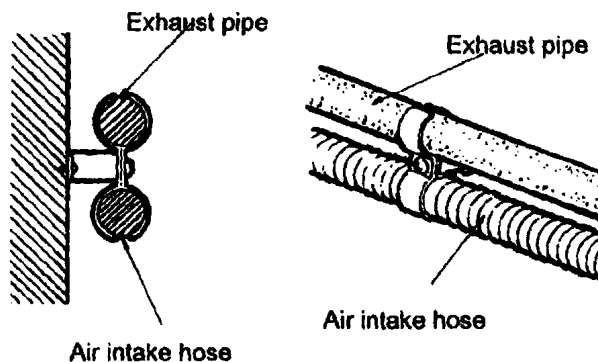
CAUTION Use the pipe stoppers, connectors, clamps, and screws according to these instructions in order to ensure no leakage of exhaust gases.

Clearances	exhaust pipe to combustibles	1 inch (25.4 mm)
	exhaust pipe to non-combustibles	zero

Clamps

Both the exhaust line and air intake hose are supported by clamps which are attached to the wall. A wall fixture can be used to offset the clamp from the wall. Use Screw B to attach the wall fixture to the wall. If the wall fixture is not used then use Screw A and the nut to attach the clamp to the wall.

The air intake hose should always be underneath the exhaust line so that in case the air intake hose sags it will not come into contact with the exhaust line.



Installing the Exhaust Line

The exhaust line is connected between the bent pipe at the rear of the heater and the exhaust port on the flue manifold.

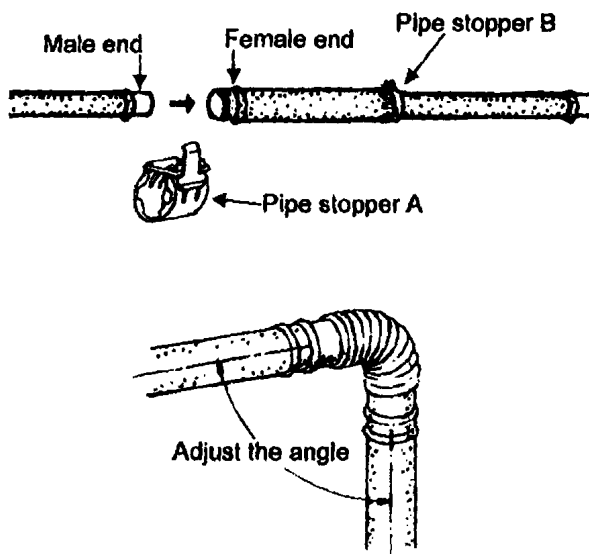
To connect exhaust pipes with other straight pipes or bends, fit the male end into the female end. Use pipe stopper A to clamp the connection.

Use pipe stopper B to fix the length on the adjustable exhaust pipes. Do not extend these pipes beyond the red line.

Do not cut the exhaust pipe. Use the adjustable pipes if necessary.

To bend the elbow, insert exhaust pipes into both ends for additional leverage. Bend to desired angle.

Do not straighten the bent pipe attached to the appliance.



Connecting the Air Intake Hose

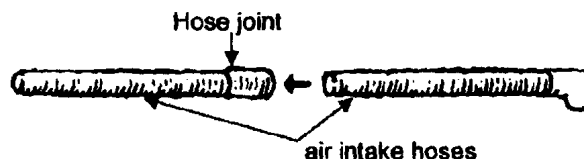
The air intake hose is connected between the air connection at the rear of the heater and the air intake port on the flue manifold.

Push the air intake hose onto the flue manifold and secure with the plastic cable tie.

Join air intake hoses by screwing the hose joint half of its length into the air intake hose and then screwing another air intake hose into the hose joint.

The lengths of the air intake hose and the exhaust pipe must be the same in order for the appliance to operate properly. The hose can be cut to the required length. Deburr all rough edges. Do not cut the hose attached to the appliance.

Support the air intake hose with pipe clamps.





CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

10.13 2011

Received from D. Wilson

Location of Work 25 Sun

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 40

Building (1L) _____ Plumbing (1S) _____ Electrical (1Z) _____ Site Plan (U2) _____

Other _____

CBL: 333-1

Check #: CC Total Collected \$ 40

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: [Signature]

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

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

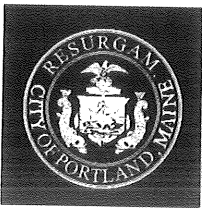
or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**
 1. Close-In (Electrical, Plumbing, Framing)
 2. Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development

Job ID: 2011-12-2916-HVAC

Located At: 25 CARON ST

CBL: 388- B-001-001

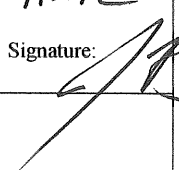
Conditions of Approval:


Building

1. The installation must comply with UL, the Manufacturers' Listing, and State of Maine Gas Regulations.
2. Separate permits are required for any electrical: plumbing, sprinkler, fire alarm, HVAC systems, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
3. Maintain proper setback(s) from property lines/buildings and proper clearances from vertical openings when direct venting.
4. A photoelectric Carbon Monoxide (CO) detector shall be installed in each area within or giving access to bedrooms. That detection must be powered by the electrical service (plug-in or hardwired) in the building and battery.
5. M1804.2.5 Direct vent terminations. Vent terminals for direct-vent appliances shall be installed in accordance with the manufacturer's installation instructions.
6. M1804.2.6 Mechanical draft systems. Mechanical draft systems shall be installed in accordance with their listing, the manufacturer's installation instructions and, except for direct vent appliances, the following requirements:
 - The vent terminal shall be located not less than 3 feet above a forced air inlet located within 10 feet.
 - The vent terminal shall be located not less than 4 feet below, 4 feet horizontally from, or 1 foot above any door, window or gravity air inlet into a dwelling.
 - The vent termination point shall not be located closer than 3 feet to an interior corner formed by two walls perpendicular to each other.
 - The bottom of the vent terminal shall be located at least 12 inches above finished ground level.
 - The vent termination shall not be mounted directly above or within 3 feet horizontally of an oil tank vent or gas meter.
 - Power exhauster terminations shall be located not less than 10 feet from lot lines and adjacent buildings.
 - The discharge shall be directed away from the building.
7. M1804.3 Installation. Type L and pellet vents shall be installed in accordance with the terms of their listing and label and the manufacturer's installation instructions.
8. M1804.3.1 Size of single-appliance venting systems. An individual vent for a single appliance shall have a cross-sectional area equal to or greater than the area of the connector to the appliance, but not less than 7 square inches (4515 mm²) except where the vent is an integral part of a listed and labeled appliance.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-12-2916-HVAC	Date Applied: 12/13/2011	CBL: 388- B-001-001	
Location of Construction: 25 CARON ST	Owner Name: PENNY J MCAULEY	Owner Address: 25 CARON ST PORTLAND, ME 04103	Phone:
Business Name:	Contractor Name: DOWNEAST ENERGY CO	Contractor Address: 172 Main Street, South Portland, ME 04106	Phone: 799-5585
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-2
Past Use: Single Family dwelling	Proposed Use: Same: Single Family Dwelling - to install Rinnai ES38 heating system	Cost of Work: \$2,000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input checked="" type="checkbox"/> N/A	Inspection: Use Group: <i>RS</i> Type: <i>SB</i> <i>HVAC</i>
		Signature:	Signature: 
Proposed Project Description: Install Rinnai ES38		Pedestrian Activities District (P.A.D.)	

Permit Taken By: LANNIE	Zoning Approval		
<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input checked="" type="checkbox"/> MM Date: <i>04/12/11</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 Dist 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: 
	CERTIFICATION		

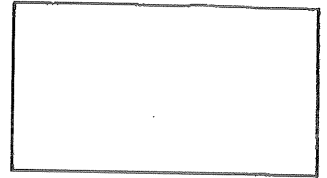
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the appication 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:

R-2

Location / CBL 388 B001001 Use of Building Single family Date 12/12/2011
 Name and address of owner of appliance Penny McAuley
25 Canon St. Portland, ME 04103
 Installer's name and address Downeast Energy
172 Main St South Portland ME Telephone 799-5585
04106

Location of appliance:

- Basement
- Floor 1st
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Rinnai ES38

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 1665
- Other _____

Type of Chimney:

Masonry Lined
Factory built _____

Metal
Factory Built U.L. Listing # _____

Direct Vent
Type Rinnai U.L. # _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank 240 (2-100s)

Number of Tanks 2

Distance from Tank to Center of Flame 30 feet.

Cost of Work: \$ 2000.00

Permit Fee: \$ 40

RECEIVED

DEC 13 2011

Dept. of Building Inspections
City of Portland Maine

Approved

Approved with Conditions

Fire: _____

Ele.: _____

Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer

Stewart Middle / Andrea Karass