

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that ALEXANDRA SAX

Located At 1824 CONGRESS ST

Job ID: 2011-12-2943-HVAC

CBL: 218- A-002-001

has permission to install an HVAC System Water Heater (Single Family).

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes 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

Fire Prevention Officer

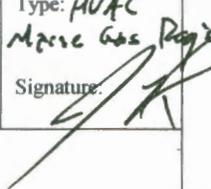
Code Enforcement Officer / Plan Reviewer

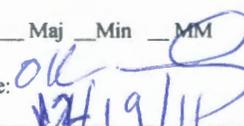
12/20/2011

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

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-12-2943-HVAC	Date Applied: 12/16/2011	CBL: 218- A-002-001	
Location of Construction: 1824 CONGRESS ST	Owner Name: ALEXANDRA SAX & DANIEL SONENBERG	Owner Address: 824 CONGRESS ST PORTLAND, ME 04102	Phone:
Business Name:	Contractor Name: DOWNEAST ENERGY CO	Contractor Address: 172 MAINE STREET, SO. PORTLAND, ME 04106	Phone: 799-5585
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-2
Past Use: Single family dwelling	Proposed Use: Single family dwelling – to install Rinnai Continual flow water heater R75	Cost of Work: \$3000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: Type: HVAC Maine Gas Dept Signature: 
Proposed Project Description: Rinnai Coninuflow Water Heater		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>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p><input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date:  12/19/11</p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: </p>
	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

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: 2011-12-2943-HVAC

Located At: 1824 CONGRESS ST

CBL: 218- A-002-001

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 Carbon Monoxide (CO) alarm 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.



FILL IN AND SIGN WITH INK

R-2

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 218 A002001 Use of Building Single Family Date 12.15.11
 Name and address of owner of appliance Alexandra Sax & Daniel Schenberg
1824 Congress St Portland ME 04102
 Installer's name and address Downeast Energy
172 Main St. So. Portland ME 04106 Telephone 794-5585

Location of appliance:

- Basement
- Floor 1st
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Rinnai Continualflow
 U.L. Approved Yes No Water Heater
R75

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 R75 UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank 120 gallon
 Dept. of Building Inspections
 City of Portland Maine

Number of Tanks 1

Distance from Tank to Center of Flame 50 feet.

Cost of Work: \$ 2700.00

Permit Fee: \$ _____

RECEIVED
 DEC 16 2011

12-15-11

Approved

Approved with Conditions

Fire: _____
 Ele.: _____
 Bldg.: _____

See attached letter or requirement

Signature of Installer Andrea Kanass / Steve Trudelle
 Inspector's Signature _____ Date Approved _____

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy

Assessor's Office | 259 Congress Street | Portland, Maine 04101 | Room 115 | (207) 874-8486

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Current Owner Information:

Services

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- [Doing Business](#)
- [Maps](#)
- [Tax Relief](#)
- [Tax Roll](#)
- [Q & A](#)

CBL 218 A002001
Land Use Type SINGLE FAMILY
Property Location 1824 CONGRESS ST
Owner Information SAX ALEXANDRA & DANIEL SONENBERG JTS
 1824 CONGRESS ST
 PORTLAND ME 04102
Book and Page 27310/253
Legal Description 218-A-2-12
 CONGRESS ST 1818-1828
 36356SF
Acres 0.835

[Browse city services a-z](#)

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Current Assessed Valuation:

TAX ACCT NO. 29122 **OWNER OF RECORD AS OF APRIL 2011**
 SAX ALEXANDRA &
 DANIEL SONENBERG JTS
 1824 CONGRESS ST
 PORTLAND ME 04102
LAND VALUE \$97,400.00
BUILDING VALUE \$189,500.00
NET TAXABLE - REAL ESTATE \$286,900.00
TAX AMOUNT \$5,244.54

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-mailed.

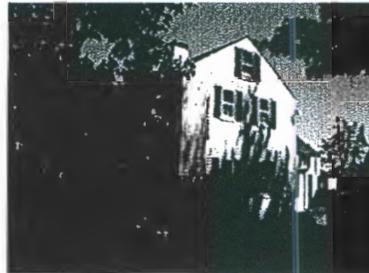


Best viewed at 800x600 with Internet Explorer

Building Information:

Building 1
Year Built 1830
Style/Structure Type COLONIAL
Stories 2
Bedrooms 3
Full Baths 3
Total Rooms 8
Attic UNFIN
Basement FULL
Square Feet 2190

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



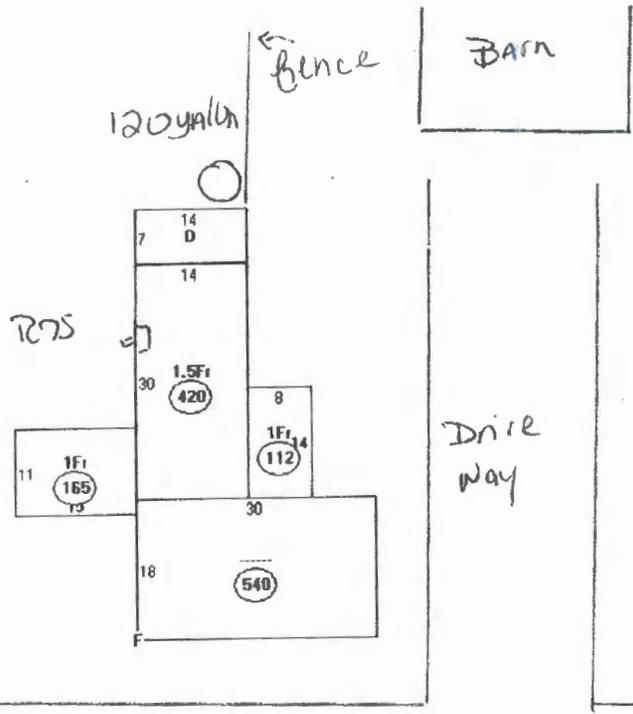
Outbuildings/Yard Improvements:

Building 1
Year Built 1900
Structure FLAT BARN
Size 36X40
Units 1
Grade C
Condition G

Sales Information:

Sale Date	Type	Price	Book/Page
10/7/2009	LAND + BUILDING	\$250,000.00	27310/253

[New Search!](#)

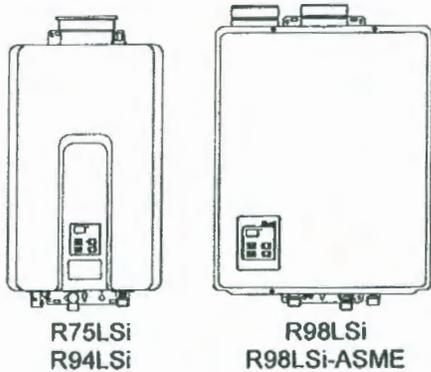


Descriptor/Area
A: ---
S: 540 sqft
B: 1Fr 165 sqft
C: 1.5Fr 420 sqft
D: 1Fr 38 sqft
E: 1Fr 112 sqft
F: AB2 1440 sqft

Rinnai®

Direct Vent Tankless Water Heater

Operation and Installation Manual



R75LSi.....	REU-VB2528FFUD-US
R94LSi.....	REU-VB2735FFUD-US
R98LSi.....	REU-VA3237FFU-US
R98LSi-ASME	REU-VA3237FFU-ASME

The VB series (R75LSi, and R94LSi) are certified for installation in manufactured (mobile) homes.

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

FOR INDOOR APPLICATIONS ONLY

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ANS Z21.10.3

CSA 4.3

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

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

— 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.

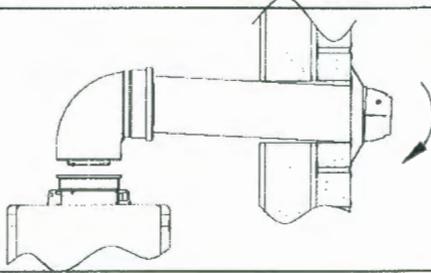
— Installation and service must be performed by a qualified installer, service agency or the gas supplier.

Flue Installation - Concentric Venting (R75LSi, R94LSi)

Horizontal Termination without using the Condensate Collector

⚠ WARNING

If the condensate collector is not used, the drain pipe must be capped to prevent exhaust gases and condensate from entering the building. The cap is supplied on the appliance.



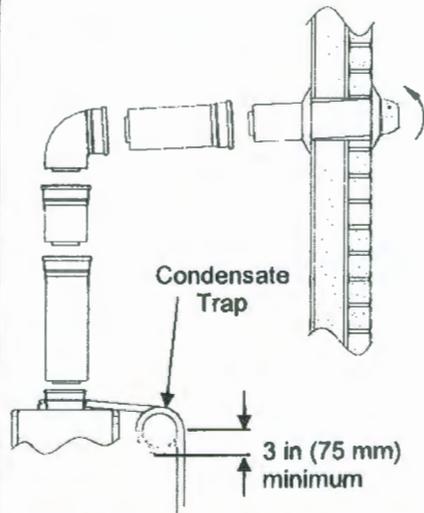
* The condensate collector must be used in horizontal terminations if a vertical rise in the vent system exceeds 5ft.

Maximum Height *
5 feet (1.52 m)

Regions of cold climate will create more condensate in the vent system. The condensate collector should be used in cold climates.

If more than one elbow is used in the vertical section the condensate collector must be used.

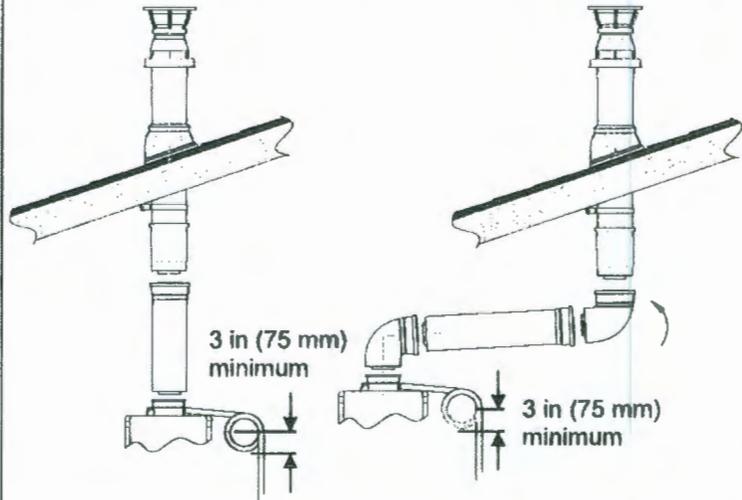
Horizontal Termination using the Condensate Collector



Condensate Trap

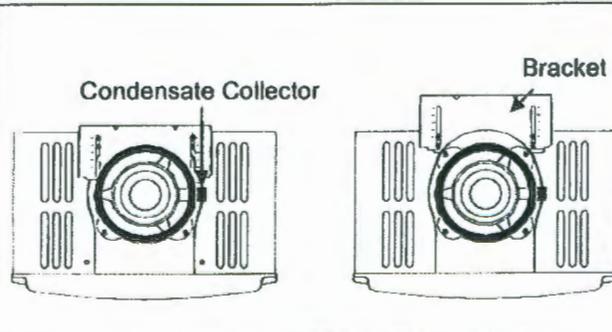
3 in (75 mm) minimum

Vertical Termination (condensate collector must be used in all installations)



3 in (75 mm) minimum

3 in (75 mm) minimum

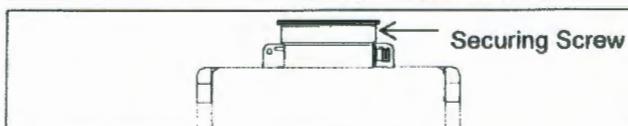


Condensate Collector

Bracket

To adjust the condensate collector position or to replace the female vent top with a male vent top:

1. Loosen the 4 screws at the rear bracket
2. Slide the bracket away from the female vent top.
3. Remove the 4 screws attaching the female vent top to the water heater.
4. Lift up the female vent top and reposition as desired (or replace with a male vent top).
5. Install the 4 screws at the vent top and tighten the 4 screws at the bracket.



Securing Screw

Secure the first vent component to the water heater with one self-tapping screw at the hole located above the condensate collector.