

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that KENNETH P» GIAQUINTO

Located At 98 CRAIGIE

Job ID: 2011-08-2125-HVAC

CBL: 187 - - A - 041 - 001 - - - -

has permission to Install Rinnai gas boiler
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

[Handwritten signature and date 9/6/11]

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**

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.**

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.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-08-2125-HVAC	Date Applied: 8/29/2011	CBL: 187 - - A - 041 - 001 - - - -	
Location of Construction: 98 CRAIGIE ST	Owner Name: KENNETH P GIAQUINTO	Owner Address: 98 Craigie St., Portland, ME 04102	Phone:
Business Name:	Contractor Name: Christopher A Sweatt, Dead River Co.	Contractor Address: 73 Pleasant Hill RD SCARBOROUGH ME 04074	Phone: (207) 883-9515
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-3
Past Use: Single Family	Proposed Use: Same - Single Family - install Rinnai gas boiler	Cost of Work: 9000.00	CEO District:
		Fire Dept: <i>N/A</i> Approved Denied N/A	Inspection: Use Group Type: <i>HVAC</i>
		Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>
Proposed Project Description: install a Rinnai in basement		Pedestrian Activities District (P.A.D.)	
Permit Taken By:		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: <i>OK 8/29/11 ABM</i></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: <i>ABM</i></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 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

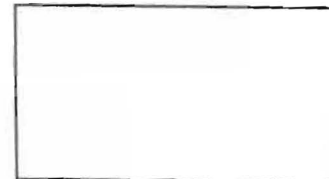


187-A-041

R-3

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 187-A-41 Use of Building Residential Date 8/24/11
 Name and address of owner of appliance Ken Giagvinto
98 Craigie St
 Installer's name and address Christopher Swat Old River Co
73 Pleasant Hill Rd Scarborough Telephone 883 9515

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Rinnai

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 # 0
- Gas # PN74422
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____

- Metal
Factory Built U.L. Listing # _____

- Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank 120

Number of Tanks 2

Distance from Tank to Center of Flame outside feet.

Cost of Work: \$ 8,621.00

Permit Fee: \$ 110

RECEIVED

AUG 29 2011

Dept. of Building Inspections
City of Portland Maine

8-31-11

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Signature of Installer [Signature]

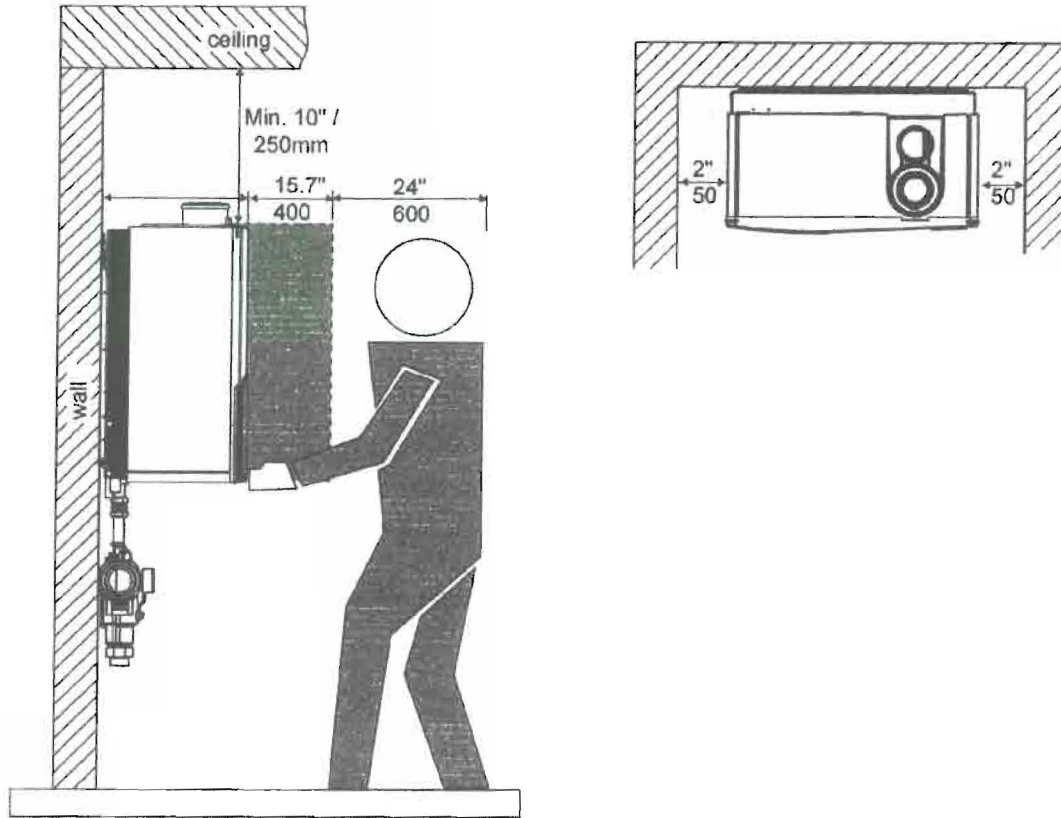
Approved with Conditions

- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

3.2 Clearances from boiler



service clearances to the boiler

figure 4

	Minimum required clearances to combustibles	Minimum required clearances to non-combustibles	Recommended service clearances
	All types inch / mm	All types inch / mm	All types inch / mm
Top of boiler	10 / 250	10 / 250	10 / 250
Back of boiler	0"	0"	0
Front of boiler	1" / 25	1" / 25	1" / 25
Left side of boiler	2" / 50	2" / 50	2" / 50
Right side of boiler	2" / 50	2" / 50	2" / 50
Floor / Ground	12" / 300	12" / 300	30" / 762
Clearances to the boiler	0	0	0"

Installation & Servicing Instructions Rinnai E-Series

For closet installation: clearance is 1" / 25mm from the front.

Low Loss Header

Clearances to combustible and non-Combustible is 0 inch for sides, top, front and floor/ground

Rinnai

Rinnai

Rinnai

Dimensions

	Boiler type	
	E75CN E75CP	Combi E110CN E110CP
	inches / mm	inches / mm
A1 Height	26.8" / 680	26.8" / 680
A2 Height with expansion tank		34.3" / 870
B Width	19.7" / 500	19.7" / 500
C Depth	15.6" / 395	15.6" / 395
D Left side / vent	13.2" / 335	13.2" / 335
E Center to center / vent and air supply	4.7" / 120	4.7" / 120
F Back / vent	10.6" / 270	10.6" / 270
G Left side / gas pipe	9.8" / 250	9.8" / 250
H Left side / supply pipe	5.9" / 150	5.9" / 150
J Left side / return pipe	13.8" / 350	13.8" / 350
K Left side / condensate pipe	15.9" / 405	15.9" / 405
N Left side / cold water pipe	11.2" / 285	11.2" / 285
Q Left side / hot water pipe	8.5" / 215	8.5" / 215
P Pipe length of g*	0.7" / 19	8.5" / 215
Q Pipe length of q*	1.6" / 40	1.6" / 40
R Pipe length of f and r*	16" / 410	13.8" / 351
S Pipe length of k and w*	2" / 50	4.3" / 110
T Back / Center of pipe c, k and w*	1" / 26	1" / 26
V1 Back / Center of pipe f and d*	2" / 50	2" / 50
V2 Back / Center of pipe f and r*	2.2" / 55	2.2" / 55
W Pipe length vent co-axial	3.7" / 95	3.7" / 95
Pipe length vent parallel	7" / 177	7" / 177
X Bottom side boiler to center safety valve	5" / 120	3.9" / 97
Y Bottom side boiler to center header	8.7" / 221	6.4" / 162
Z Center to center of f and r*	6" / 150	6" / 150
aa Depth plumbing kit	5.6" / 143	5.6" / 143

*) See figure 2

dimensions

table 1

Installation & Servicing Instructions

High efficiency condensing gas boiler E75CN/E110CN E75CP/E110CP



Pictured: E75CN, E110CN
E75CP, E110CP

CAUTION!

Read this manual thoroughly before installing, servicing, putting into operation or using this boiler and vent system.

WARNING!

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury (exposure of hazardous materials)* or loss of life. Refer to the user's information manual provided with this boiler. Installation and service must be performed by a qualified installer, service agency or the gas supplier (who must read and follow the supplied instructions before installing, servicing, or removing this boiler. This boiler contains materials that have been identified as carcinogenic, or possibly carcinogenic, to humans).

CAUTION!

The user manual is part of the documentation that is delivered to the installation's operator. Go through the information in this manual with the owner/operator and make sure that he or she is familiar with all necessary operating instructions.

NOTICE!

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



WARNING!

If you do not follow these instructions 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.

Rinnai

EXPERIENCE OUR INNOVATION™

Address: 103 International Drive, Peachtree City, GA, 30269
Toll-free: 1-800-621-9419 • Fax: 678-829-1666 • www.rinnai.us



BW.51.60.01/08.10 Changes reserved.

These instructions to be retained by user.

Français: voir page 103



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

8-29 20 11

Received from Christopher Swatt

Location of Work 88 Craigie

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 110

Building (I1) _____ Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other 110A

CBL: 197-141

Check #: Cash Total Collected \$ 110

**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