

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that HEATHER ABT

Located At 30 EVERETT ST

Job ID: 2012-07-4387-HVAC

CBL: 012- L-002-001

has permission to Install an HVAC System (Single Family Residence).

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

07/09/2012

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.**
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

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Acting Director of Planning and Urban Development
Gregory Mitchell

Job ID: 2012-07-4387-HVAC

Located At: 30 EVERETT ST

CBL: 012- L-002-001

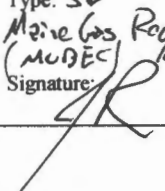
Conditions of Approval:

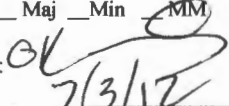
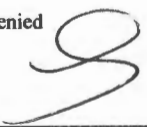
Building

1. The installation must comply with UL, the Manufacturers' Listing, MUBEC (IRC, 2009), 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.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-07-4387-HVAC	Date Applied: 7/2/2012	CBL: 012- L-002-001	
Location of Construction: 30 EVERETT ST	Owner Name: HEATHER ABT	Owner Address: 30 EVERETT ST PORTLAND, ME 04101	Phone:
Business Name:	Contractor Name: CHARLES A FORTIN	Contractor Address: 30 MONUMENT ST PORTLAND MAINE 04101	Phone: 939-4515
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-6
Past Use: Single Family Dwelling	Proposed Use: Same: Single Family Dwelling - to install Rheem/Rinnai heater	Cost of Work: 3000.000000	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: R3 Type: SB Maine Gas Reg MURKIN Signature: 
Proposed Project Description: Installing a Rinnai heater/HW		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 checked="" type="checkbox"/> MM</p> <p>Date:  7/3/12</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

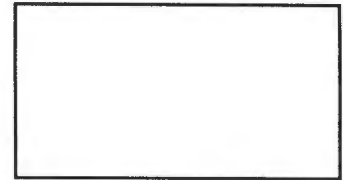
10-19-12 GF FINAL OK

ZERO CL. EXHAUST/INTAKE CONFIRMED



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



2-6
12-E-2

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 PORTLAND - 30 Everett Use of Building RESIDENTIAL Date 12/10/12
 Name and address of owner of appliance HEATHER ABT 30 EVERETT ST
PORTLAND, MAINE 04101
 Installer's name and address CHARLES FORTIN 30 MOULDER ST
PORTLAND, MAINE 04101 Telephone 989-4515

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: RHEEM/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 # _____
 Gas # PNT 1298
 Other _____

Type of Chimney:
 Masonry Lined
 Factory built N/A
 Metal
 Factory Built U.L. Listing # _____
 Direct Vent
 Type _____ UL# FACTORY SUPPLIED

Type of Fuel Tank
 Oil
 Gas

Size of Tank N/A
 Number of Tanks N/A
 Distance from Tank to Center of Flame N/A feet.
 Cost of Work: \$ 3000.00
 Permit Fee: \$ 50.00

RECEIVED
JUL 02 2012
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 Ben Ch...

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



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Receipts Details:

Tender Information: Check , Check Number: 12377

Tender Amount: 160.00

Receipt Header:

Cashier Id: bsaucier

Receipt Date: 7/2/2012

Receipt Number: 45563

Receipt Details:

Reference ID:	7115	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	50.00	Charge Amount:	50.00
Job ID: Job ID: 2012-07-4387-HVAC - Installing a Rinnai heater/HW			
Additional Comments: 30 Everett			

Reference ID:	7116	Fee Type:	BP-Plumbing
Receipt Number:	0	Payment Date:	
Transaction Amount:	110.00	Charge Amount:	110.00
Job ID: Job ID: 2012-07-4387-HVAC - Installing a Rinnai heater/HW			

Specifications

DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	WATER FLOW RATE			CONNECTION		HEIGHT	WIDTH	DEPTH	VENT DIAMETER (INCHES)	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	D. O. E. ANN. OP. COST NAT/LP
				GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	GPM @ 35° RISE MAX.	WATER	GAS							

NEW! RHEEM PRESTIGE™ HIGH-EFFICIENCY CONDENSING TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES

RTGH-95DVN	11,000 - 199,900	Indoor Direct Vent	85° to 140° F	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	3" PVC 2-PIPE	82	.94	\$194/\$326
RTGH-95XN	11,000 - 199,900	Outdoor	85° to 140° F	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.94	\$194/\$326

RHEEM MID-EFFICIENCY TANKLESS WATER HEATERS FOR 1-2 BATHROOM HOMES

RTG-64DVN	11,000 - 150,000	Indoor Direct Vent	100° to 140° F	3.3	5.6	6.4	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$223/\$374
RTG-64XN	11,000 - 150,000	Outdoor	100° to 140° F	3.3	5.6	6.4	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	\$223/\$374

RHEEM MID-EFFICIENCY TANKLESS WATER HEATERS FOR 2-3 BATHROOM HOMES

RTG-84DVN	11,000-180,000	Indoor Direct Vent	85° to 140° F	3.9	6.7	8.4	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$223/\$374
RTG-84XN	11,000-180,000	Outdoor	85° to 140° F	3.9	6.7	8.4	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	\$223/\$374

RHEEM MID-EFFICIENCY TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES

RTG-95DVN	11,000 - 199,900	Indoor Direct Vent	85° to 140° F	4.3	7.4	9.5	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$223/\$374
RTG-95XN	11,000 - 199,900	Outdoor	85° to 140° F	4.3	7.4	9.5	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	\$223/\$374

All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.

- Factory set temperature is 120° F for all models. See Use and Care Manual for setting.
- For installations above 3,280 feet, adjustment is required. Refer to Rheem price list or consult factory for details.
- Consult factory for information on sizing the application.

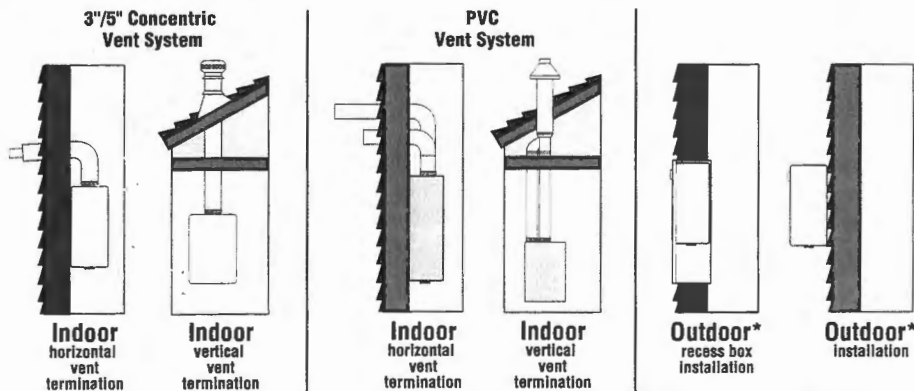
Installation Vent Kits available, sold separately.

Maximum Hot Water Flow Rate and Temperature Rise

Model Number	35°	45°	50°	60°	70°	77°	80°	90°	100°
RTGH-95 Water Flow (GPM)	9.5	8.4	7.6	6.3	5.4	4.9	4.7	4.2	3.8
RTG-64 Water Flow (GPM)	6.4	5.6	5.1	4.2	3.6	3.3	3.2	2.8	2.5
RTG-84 Water Flow (GPM)	8.4	6.7	6.1	5.1	4.3	3.9	3.8	3.4	3.0
RTG-95 Water Flow (GPM)	9.5	7.4	6.6	5.5	4.7	4.3	4.1	3.7	3.3

Above estimates are for sizing purposes only.

Venting Options and Installations



All indoor tankless units must be vented vertically or horizontally to the outdoors using manufacturer approved venting material, see the installation instructions for each specific model.

Venting details, including clearances and diagrams can be found in the "Use & Care Manual" of Rheem indoor tankless water heaters.

*Outdoor units do not require venting materials.

PRODUCT SPECIFICATIONS

Model Number	Gas Type	Input Range (BTU) (Low/High)	AFUE Rating	Fan CFM Output (Low / High)	Dimensions (W x H x D)	Wt. (lbs.)*
EX08C (RHFE202FTA) Beige only	NG	3,000 / 8,000	82%	48.3 / 78.6	18 1/4" x 27 3/8" x 10 1/8"	46
	LP		83%			
EX11C (RHFE265FTA) Beige only	NG	5,500 / 11,000	81%	96.4 / 128.5		
	LP		82%			
EX17C (RHFE434FTA) Beige only	NG	8,200 / 16,700	81%	110.5 / 141.3		
	LP		82%			
EX22C (RHFE59FTA) Beige	NG	8,200 / 21,500	81%	110.5 / 162.7	29 7/8" x 22 7/8" x 10 1/8"	57
	LP					
EX22CW (RHFE59FTA-W) White	LP	8,200 / 20,700	82%			
ES38 (RHFE1004FTA) Beige	NG	10,500 / 38,400	80%	230.4 / 360.5	36 5/8" x 26 3/8" x 13"	90
	LP					
ES38W (RHFE1004FTA-W) White	LP	10,500 / 36,500	81%			

* This specification is for shipping weight.

Accessories for Flexible Installations

Product Warranty

- 10 years on the heat exchanger
- 5 years on parts
- 2 years on labor

VENT TERMINATIONS

Part Number	Description
FOT-150	S Vent (3" - 4 1/2")
FOT-151	A Vent (4 1/2" - 9 1/2")
FOT-152	8 Vent (9 1/2" - 15 3/4")
FOT-153	C Vent (15 3/4" - 23 5/8")
FOT-154	D Vent (23 5/8" - 31 1/2")

CONVERSION KITS

Model	To NG	To LP
EX08C	204000033	204000037
EX11C	204000034	204000038
EX17C	204000035	204000039
EX22C / EX22CW	204000036	204000040
ES38 / ES38W	204000026	204000027

ACCESSORIES

MODEL	EXTENSION KITS										COVER KITS									
	FOT-155	FOT-156	FOT-157	FOT-158	FOT-190	FOT-201	FOT-219	FOT-220	FOT-221	FOT-102	FOT-103	FOT-114	FOT-115	FOT-132	FOT-133	FOT-134	FOT-140	FOT-141	FOT-142	
EX11C	•	•	•	•	•	•											•	•	•	
EX17C				•	•	•	•	•	•								•	•	•	
EX22C / EX22CW				•	•	•	•	•	•								•	•	•	
ES38										•	•	•	•	•	•	•				

Rinnai is continually updating and improving products; therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to and upon installation.

FOR MORE INFORMATION ON RINNAI PRODUCTS

SCAN WITH YOUR SMARTPHONE



ADDITIONAL RINNAI LITERATURE AVAILABLE

CONDENSING BOILERS



RINNAI INTELLIGENT FIREPLACES



RINNAI HYDRONIC FURNACES



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Peachtree City, GA 30269

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E-mail: marketing@rinnai.us

Rinnai

