

City of Portland, Maine - Building or Use Permit Application

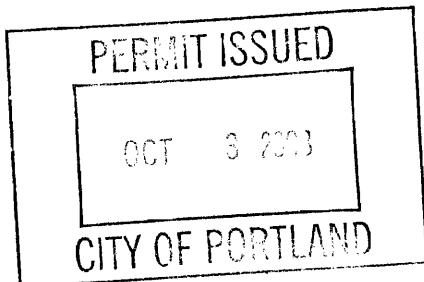
389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 08-1236	Issue Date:	CBL: 156 D010001
-----------------------	-------------	---------------------

Location of Construction: 328 OCEAN AVE	Owner Name: LAVOIE AMANDA J & ANTHON	Owner Address: 328 OCEAN AVE	Phone: 899-2249
Business Name:	Contractor Name: Royal Oil Co	Contractor Address: 2066 Broadway St So Portland	Phone: 2077751254
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R3

Past Use: Single Family Home	Proposed Use: Single Family Home - install a Rinnai Direct vent heater & a Tankless water heater	Permit Fee: \$70.00	Cost of Work: \$4,531.00	CEO District: 4
Proposed Project Description: install a Rinnai Direct vent heater & a Tankless water heater		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: HVAC FMC 2003 IRC 2003 Signature: Jm 10/2/08	
		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: Idobson	Date Applied For: 10/01/2008	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: Jm	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 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: Jm

**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 328 Ocean Ave Portland 156 D10 Use of Building Residential Date 10/1/08
Name and address of owner of appliance Anthony & Amanda Lavoie - Same
Installer's name and address Royal Oil & Propane Company Telephone _____

Location of appliance:

- ☒ Basement Water ☒ Floor Heater
☐ Attic ☐ Roof

Type of Fuel:

- ☒ Gas ☐ Oil ☐ Solid

Appliance Name: Rinnai R94SL1 - Water Heater

U.L. Approved ☐ Yes ☐ No Rinnai 1004 Direct Vent

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 3995
☐ 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 _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 2014.14 ^{Heater} ~~(Water)~~ + 2516.99 (Water) = 4531.13

Permit Fee: \$ 70

Approved

Fire: _____
Ele.: _____
Bldg.: _____

Approved with Conditions

- ☐ See attached letter or requirement

Signature of Installer Amanda Lavoie 10/1/08

Inspector's Signature _____

Date Approved _____

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

City of Portland, Maine - Building or Use Permit

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

Permit No: 08-1236	Date Applied For: 10/01/2008	CBL: 156 D010001
------------------------------	--	----------------------------

Location of Construction: 328 OCEAN AVE	Owner Name: LAVOIE AMANDA J & ANTHON	Owner Address: 328 OCEAN AVE	Phone:
Business Name:	Contractor Name: Royal Oil Co	Contractor Address: 2066 Broadway St So Portlandd	Phone (207) 775-1254
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home - install a Rinnai Direct vent heater & a Tankless water heater	Proposed Project Description: install a Rinnai Direct vent heater & a Tankless water heater
--	---

Dept: Zoning	Status: Not Applicable	Reviewer:	Approval Date:
Note:			Ok to Issue: <input checked="" type="checkbox"/>
Dept: Building	Status: Approved with Conditions	Reviewer: Tom Markley	Approval Date: 10/02/2008
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) The installation must comply with the State of Maine Gas Regulations.			
2) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.			

Rinnai®

3280 clear

**DUCTLESS DIRECT-VENT HEATERS
A NEW APPROACH TO ZONE HEATING**

ENERGY-EFFICIENT GAS DUCTLESS DIRECT-VENT HEATERS



PRODUCT SPECIFICATIONS

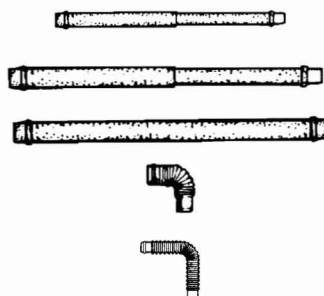
Model Number	Gas Type	Input Range (BTU) (Low/High)	AFUE Rating	Dimensions (W x H x D)	Wt. (lbs.)
RHFE-201-FA (Beige only)	NG	3,000 / 8,000	80.6%	16 3/4" x 26 5/8" x 9 7/8"	39
	LP	3,000 / 8,000	83.4%		
RHFE-263-FA (Beige only)	NG	5,500 / 11,000	80.0%	16 3/4" x 26 5/8" x 9 7/8"	37
	LP	5,700 / 11,000	80.0%		
RHFE-431FA (Beige only)	NG	8,200 / 16,700	80.8%	29 1/2" x 21 13/16" x 9 7/8"	51
	LP	8,200 / 16,700	81.0%		
RHFE-431WTA-A (Beige only)	NG	8,200 / 16,700	80.8%	29 1/2" x 21 13/16" x 9 7/8"	51
	LP	8,200 / 16,700	81.0%		
RHFE-556-FA (Beige only)	NG	8,200 / 21,500	80.6%	29 1/2" x 21 13/16" x 9 7/8"	51
	LP	8,200 / 20,700	81.0%		
RHFE-556WTA-A (Beige)*	NG	8,200 / 21,500	80.6%	29 1/2" x 21 13/16" x 9 7/8"	51
RHFE-556WTA-S (Silver)	LP	8,200 / 20,700	81.0%		
RHFE-556WTA-W (White)					
RHFE-1004FA-A (Beige)	NG	10,500 / 38,400	80.6%	36 5/8" x 26 3/8" x 13"	91
RHFE-1004FA-S (Silver)					
RHFE-1004FA-W (White)	LP	10,500 / 36,500	82.0%		

ACCESSORIES

EXTENSION KITS FOR 263, 431, AND 556

Part Number	Description
FOT-155	11" - 20" Vent Pipe Extension
FOT-156	21" - 40" Vent Pipe Extension
FOT-157	60" - 80" Vent Pipe Extension
FOT-158	Elbow
FOT-190	Long Elbow

Part Illustration / Image



ACCESSORIES

EXTENSION KITS FOR 1004 / RHFE-750

Part Number	Description
FOT-102	11" - 20" Vent Pipe Extension
FOT-103	21" - 40" Vent Pipe Extension
FOT-114	60" - 80" Vent Pipe Extension
FOT-115	Elbow

NOTE: Weight specification is for shipping weight.

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

ADDITIONAL RINNAI LITERATURE AVAILABLE

RESIDENTIAL TANKLESS
WATER HEATERS



INTELLIGENT FIREPLACES



DUCTLESS HEATERS



Rinnai Corporation

103 International Drive
Peachtree City, GA 30269

Toll Free 1-866-RINNAI-1

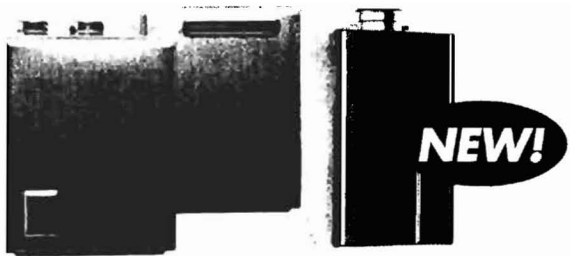
Phone: 678-829-1700 • Fax: 678-364-8643

Visit our Websites: www.rinnai.us • www.foreverhotwater.com

E-mail: marketing@rinnai.us

Rinnai®





Rinnai®

THE NEW RINNAI LS SERIES TANKLESS WATER HEATERS

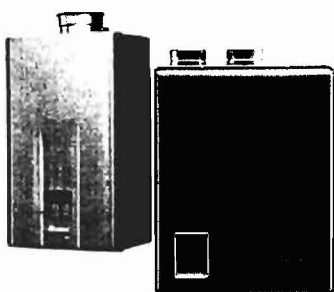
ENDLESS HOT WATER NEVER LOOKED SO GOOD

WHOLE-HOUSE AND COMMERCIAL TANKLESS WATER HEATING SOLUTIONS



FAVORITE
w
FAVORITE 50
w
FAVORITE 50
B

Voted #1
Builder Magazine's
"Most Popular Products"
Three Years
In A Row



Interior Residential/Commercial Models

Models available in Natural Gas or Propane Units

Dimensions	14" W x 26" H x 10" D	14" W x 26" H x 10" D	14" W x 26" H x 10" D	19" W x 25" H x 9" D
Weight	50 lbs	50 lbs	50 lbs	55 lbs
Maximum/Minimum Gas Rate (Input BTU's)	150,000 /15,000	180,000 /15,000	199,000/15,000 (NG) 190,000/15,000 (LP)	237,000 /19,000
Hot Water Capacity Range	0.6 to 5.0 GPM	0.6 to 7.5 GPM	0.6 to 9.4 GPM	0.6 to 9.8 GPM
Energy Factor (NG and LP)	.82	.82	.82	NA
Temperature Range (Min - Max)				
Residential	98° F - 140° F	98° F - 140° F	98° F - 140° F	98° F - 140° F
Commercial*	98° F - 160° F	98° F - 160° F	98° F - 185° F	98° F - 185° F
Standard Digital Controller	MC-91-1	MC-91-1	MC-91-1	MC-91-1

Exterior Residential/Commercial Models

Models available in Natural Gas or Propane Units

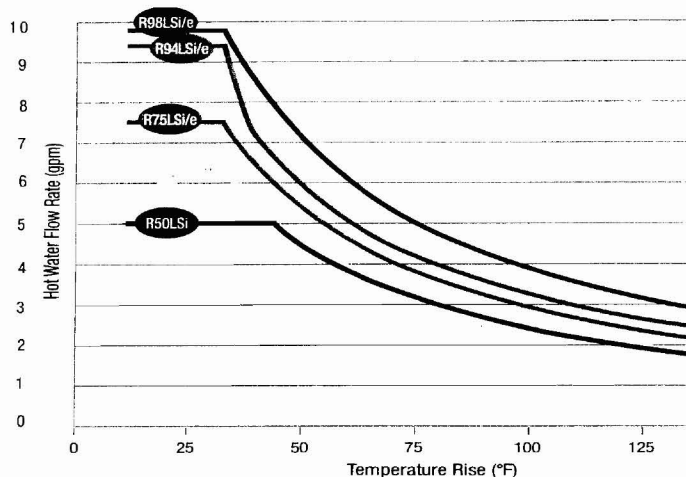
Dimensions	14" W x 23" H x 8" D	14" W x 25" H x 10" D	14" W x 25" H x 10" D	19" W x 25" H x 9" D
Weight	36 lbs	46 lbs	46 lbs	55 lbs
Maximum/Minimum Gas Rate (Input BTU's)	150,000 /19,000	180,000 /15,000	199,000 /15,000 (NG) 190,000 /15,000 (LP)	237,000 /19,000
Hot Water Capacity Range	0.6 to 6.3 GPM	0.6 to 7.5 GPM	0.6 to 9.4 GPM	0.6 to 9.8 GPM
Energy Factor (NG and LP)	.81	.82	.82	NA
Temperature Range (Min - Max)				
Residential	98° F - 140° F	98° F - 140° F	98° F - 140° F	98° F - 140° F
Commercial*	98° F - 160° F	98° F - 160° F	98° F - 185° F	98° F - 185° F
Standard Digital Controller	MC-91-1	MC-91-1	MC-91-1	MC-91-1

*To achieve temperatures over 140°F, an MCC-91 commercial controller must be purchased separately.

**R98LS models have a BTU input of 200,000 or more and are therefore not subject to the EF test. R98LS models will be available in April 2008.

*EZConnect not available with the R63LSe.

Tankless Water Heater - Maximum Flow Curves



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.

HOT WATER FLOW CHART

MODEL NO.	R98LSi/e	R94LSi/e	R75LSi/e	R63LSe	R50LSi
TEMPERATURE RISE (°F)	GALLONS PER MINUTE	GALLONS PER MINUTE	GALLONS PER MINUTE	GALLONS PER MINUTE	GALLONS PER MINUTE
140	2.8	2.4	2.1	1.8	1.8
135	2.9	2.5	2.2	1.8	1.9
130	3.0	2.6	2.3	1.9	1.9
125	3.2	2.7	2.4	2.0	2.0
120	3.3	2.8	2.5	2.1	2.1
115	3.4	2.9	2.6	2.2	2.2
110	3.6	3.0	2.7	2.3	2.3
105	3.8	3.2	2.9	2.4	2.4
100	4.0	3.3	3.0	2.5	2.5
95	4.2	3.5	3.2	2.6	2.7
90	4.4	3.7	3.3	2.8	2.8
85	4.7	3.9	3.5	2.9	3.0
80	4.9	4.2	3.8	3.1	3.2
75	5.3	4.4	4.0	3.3	3.4
70	5.7	4.7	4.3	3.6	3.6
65	6.1	5.1	4.6	3.8	3.9
60	6.6	5.5	5.0	4.2	4.2
55	7.2	6.0	5.5	4.5	4.6
50	7.9	6.6	6.0	5.0	5.0
45	8.8	7.4	6.7	5.5	5.0
40	9.8	8.3	7.5	6.2	5.0
35	9.8	9.4	7.5	6.3	5.0
30	9.8	9.4	7.5	6.3	5.0
25	9.8	9.4	7.5	6.3	5.0
20	9.8	9.4	7.5	6.3	5.0

FOR MORE INFORMATION ON RINNAI PRODUCTS

OTHER RINNAI LITERATURE AVAILABLE

RINNAI GREEN ADVANTAGES



INTELLIGENT FIREPLACES



DIRECT-VENT DUCTLESS HEATERS



Rinnai Corporation

103 International Drive
Peachtree City, GA 30269

Toll Free 1-866-RINNAI-1

Phone: 678-829-1700 • Fax: 678-364-8643

Visit our Websites www.rinnai.us • www.foreverhotwater.com

E-mail: marketing@rinnai.us

Rinnai®

