

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Permit Number: 081473

Please Read Application And Notes, If Any, Attached

This is to certify that PAPI F MARGUERITE WIDOW Oil Compar

has permission to Install Buderus Oil Burner

AT 25 HAMBLET AVE 179 D004001

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 buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is lath or other work is used-in. 2 HOURLY NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. _____

Health Dept. _____

Appeal Board _____

Other _____

Department Name

11/20/08
[Signature]

Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 08-1473	Issue Date:	CBL: 179 D004001
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Location of Construction: 25 HAMBLET AVE	Owner Name: PAPI F MARGUERITE WID WWI	Owner Address: 25 HAMBLET AVE	Phone: 207-772-4631
Business Name:	Contractor Name: Breggy Oil Company	Contractor Address: 84 congress St. Portland	Phone: 2077724631
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-3

Past Use: Single Family Home	Proposed Use: Single Family Home - Install Buderus Oil Burner	Permit Fee: \$100.00	Cost of Work: \$7,574.00	CEO District: 5
		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <i>N/A</i>	INSPECTION: Use Group: <i>U</i> Type: <i>HVAC</i> <i>EMC 2003</i>	

Proposed Project Description: Install Buderus Oil Burner	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>
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: lmd	Date Applied For: 11/19/2008	Zoning Approval
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- 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: <i>11/20/08</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 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: <i>11/20/08</i>
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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

179.D004



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 _____ Use of Building _____ Date _____
 Name and address of owner of appliance MARGUERITE PAPI
25 HAMBLET AVE
 Installer's name and address (BREYER OIL & PROPANE 84 Congress St.)
PORTLAND Telephone 773-4631

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Riello / Buderus

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 # MS20005609
- Gas # _____
- 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 275

Number of Tanks 1

Distance from Tank to Center of Flame 10 feet.

Cost of Work: \$ 7574⁰⁰

Permit Fee: \$ 160⁻

Approved

Approved with Conditions

Fire: _____
 Ele.: _____
 Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer Ernest G. Cook

City of Portland, Maine - Building or Use Permit

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

Permit No: 08-1473	Date Applied For: 11/19/2008	CBL: 179 D004001
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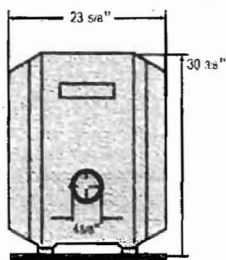
Location of Construction: 25 HAMBLET AVE	Owner Name: PAPI F MARGUERITE WID WWI	Owner Address: 25 HAMBLET AVE	Phone: 207-772-4631
Business Name:	Contractor Name: Breggy Oil Company	Contractor Address: 84 congress St. Portland	Phone: (207) 772-4631
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home - Install Buderus Oil Burner	Proposed Project Description: Install Buderus Oil Burner
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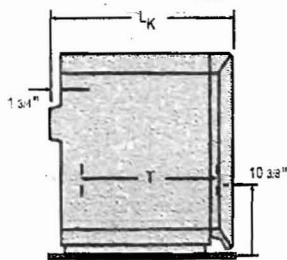
Dept: Zoning **Status:** Approved **Reviewer:** Tammy Munson **Approval Date:** 11/20/2008
Note: **Ok to Issue:**

Dept: Building **Status:** Approved with Conditions **Reviewer:** Tammy Munson **Approval Date:** 11/20/2008
Note: **Ok to Issue:**

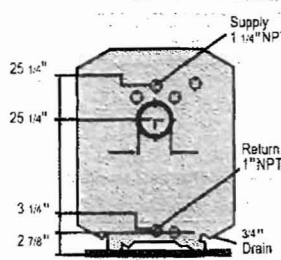
- 1) Equipment must be installed in compliance with the manufacturer's specifications
- 2) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules



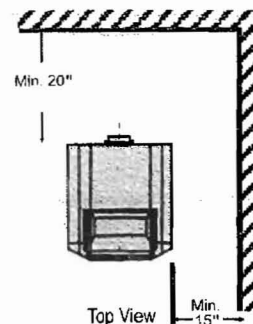
Front View



Side View



Rear View



Top View

Model

Performance Data

Gross Output MBH
of Sections
Net IBR MBH
Firing Rate (GBH)
AFUE

G115/21

74
3
64
.60-.75†
86.5%

G115/28

98
4
85
.80
86.8%

G115/34

120
5
104
1.0
86%

Piping Connections

Vent Connection Size
Supply
Return

5"
1 1/4"
1"

5"
1 1/4"
1"

5"
1 1/2"
1"

Physical Dimensions

Overall Boiler Length (L)
Boiler Block Length (L_K)
Minimum Boiler Width
Boiler Width
Minimum Boiler Height
Height
Boiler Feet Spacing
Fire Box Depth (T)
Fire Box Volume cu. ft.
Dry Weight (lbs)
Water Content (gal)

26 1/4"
21 1/4"
18"
23 1/2"
33 1/2"
34 1/2"
13 1/4"
16"
1.20
330
8.7

31"
25 3/4"
18"
23 1/2"
33 1/2"
34 1/2"
18"
20 1/2"
1.75
403
10.8

35 3/4"
30 1/2"
18"
23 1/2"
33 1/2"
34 1/2"
22 1/2"
25"
2.21
476
12.9

Recommended Clearances for Ease of Serviceability

Side
Rear

15"
20"

15"
20"

15"
20"

All G115
KP Kits Include:

- L7248C1006 aquastat
- Flexible oil line
- Circulator
- Flanges

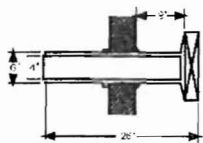


MEA# 358-91-E
CRN# 1495.9c, 620.T

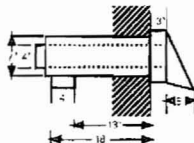
† NOTE: G115/21 Dual Firing Rate capability - from .60-.75 - is only available with Carlin EZ1 burner or Riello F3 burner. The higher the Firing Rate will result in a D O E heating capacity of 90,000 BTU/Hr. and the Net IBR Rating of 77,000 BTU/Hr.

Clearance Requirements

Front	Side	Rear	Top	Galvanized Vent Pipe	Flex Insulated Oil Vent	AT-4 Exhaust Only Termination	FT-4 Concentric Termination
24"	6"	18"	6"	18"	1"	1"	1"



AT-4 Aerocowl Termination



FT-4 Concentric Pipe-in-Pipe Termination

One of the two ETL certified terminations are required for use with G115 series boilers for direct vent applications. Both terminations are "zero clearance" systems for easy and versatile applications.

G115 direct vent installation tips

ETL approved with two 4" 90° elbows, and up to 6' of 4" regular smoke pipe for short vent runs. For longer runs, use up to 10' of flexible stainless steel insulated oil vent.

Use 4" metal pipe for air intake. Use at least 6' to 8' of 4" metal pipe for air intake in conditioned space in cold climates (below -20°F).

Direct vent burners are equipped with pre-and post-purge cycles for safe, complete exhaust of all combustion products, while cooling oil burner nozzle for positive shut-off.

Buderus recommends the use of Beckett, Carlin and Riello. Please refer to the Buderus trade price list for models.

Buderus

BBT North America Corporation
50 Wentworth Avenue
Londonderry, NH 03053
Tel: (603) 552-1100
Fax: (603) 584-1681

Subject to change without notice
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Part Number 44399015-04/07



Telephone (207) 772-4631
Fax (207) 874-0029

"KEEPING YOU WARM SINCE 1946"

PO Box 1018

84 Congress Street

Portland ME 04104

FACSIMILE COVER SHEET

DATE 11-19-08

TO:

COMPANY NAME City of PORTLAND

COMPANY FAX# 874-8716

ATTN: LISA DANFORTH

FROM:

George

OF PAGES 2
(INCLUDING COVER SHEET)

IF YOU DO NOT RECEIVE ALL THE PAGES OF THIS
TRANSMISSION, CALL THE FOLLOWING NUMBER:
207-772-4631