

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that JOHN VENTIMIGLIA

Located At 39 PLEASANT AVE

Job ID: 2012-07-4505-HVAC

CBL: 130- I-004-001

has permission to install a Buderus Boiler & Riello gas Burner 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

**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.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Jeff Levine

**Job ID: 2012-07-4505-
HVAC**

**Located At: 39 PLEASANT CBL: 130- I-004-001
AVE**

Conditions of Approval:

Zoning

1. This property shall remain a two family dwelling (one in main house & one in garage). Any change of use shall require a separate permit application for review and approval.

Building

The installation must comply with the State of Maine gas regulations.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-07-4505-HVAC	Date Applied: 7/20/2012	CBL: 130-1-004-001	
Location of Construction: 39 (41) PLEASANT AVE	Owner Name: JOHN VENTIMIGLIA	Owner Address: 41 PLEASANT AVE PORTLAND, ME 04103	Phone: 207-774-5799
Business Name:	Contractor Name: Denis Fecteau	Contractor Address: 6 Deer HL N Standish ME 04084	Phone: (207) 642-4918
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC - HVAC	Zone: R-5
Past Use: Residential <i>3 dwelling units in building in garage</i>	Proposed Use: Same -- residential - install Buderus Boiler & Riello gas burner in basement	Cost of Work: 5000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: <i>R</i> Type: <i>State Gas Reg</i>
		Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>
Proposed Project Description: install a Buderus Boiler & Riello gas Burner		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: <i>OK w/ condition 8/7/12 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 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

9-7-12 ~~G~~ PASS FINAL

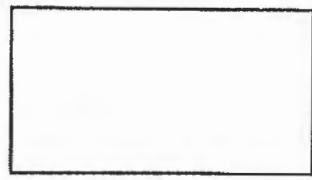
2-5.

lanie



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



2012-67-4505

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. 130-I-4 Use of Building Single Family Date 7-20-2012
 Name and address of owner of appliance John + Cheshire Ventimiglia, 41 Pleasant Ave
Portland Maine 04103
 Installer's name and address Dennis Fecteau Telephone _____

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid
Buderus Boiler +
Appliance Name: Riello gas burner
 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 8121
 Other _____

Type of Chimney:
 Masonry Lined w/ new SS liner
 Factory built _____
 Metal
 Factory Built U.L. Listing # _____
 Direct Vent
 Type _____ UL# _____

Type of Fuel Tank
 Oil
 Gas Natural

Size of Tank N/A

Number of Tanks N/A

Distance from Tank to Center of Flame N/A feet.

Cost of Work: \$5000

Permit Fee: \$ _____

RECEIVED
 JUL 15 2012
 Dept. of Building Inspections
 City of Portland Maine

Approved

Approved with Conditions

Fire: _____
 Ele.: _____
 Bldg.: _____

See attached letter or requirement

Signature of Installer [Signature]

Inspector's Signature _____

Date Approved _____

Maine.gov



DENNIS J. FECTEAU

7/20/2012 1:51:14 PM

**DEPARTMENT OF PROFESSIONAL AND FINANCIAL REGULATION
OFFICE OF PROFESSIONAL AND OCCUPATIONAL REGULATION
THE MAINE FUEL BOARD**

PROPANE & NATURAL GAS TECHNICIAN

License Number: **PNT8121**
Status: **Active**
Expiration Date: **07/31/2014**

Mailing Address: **6 DEER HL N
STANDISH, ME 04084-6368**

Primary Phone : **+1 (207) 642-4918**

History

License Type	Start Date	End Date
PROPANE & NATURAL GAS TECHNICIAN	07/01/2010	07/31/2014

Authority (1 record) [hide](#)

Description	Issue Date	Termination Date	Status
APPL. CONN. & SERV. TECH.	07/01/2010		Active

License/Disciplinary Action

No Records.

MASTER

License Number: **MS10005183**
Status: **Active**
Expiration Date: **08/31/2013**
Licensed By: **Examination**

Mailing Address: **6 DEER HL N
STANDISH, ME 04084-6368**

Primary Phone : **+1 (207) 642-4918**

History

License Type	Start Date	End Date
MASTER	09/09/2003	08/31/2013
*** NOT ACTIVE ***	09/01/2003	09/08/2003
MASTER	07/28/1999	08/31/2003
PRIOR HISTORY UNAVAILABLE		

Supervised Jy License

No Records.

Supervised Ap/tmp License

No Records.

Authority (4 records) [hide](#)

Description	Issue Date	Termination Date	Status
1 AND 2 OILS UP TO 15 GPH	04/03/1995		Active
1 AND 2 OILS UP TO 15 GPH	09/09/1992	04/03/1995	Discontinued
1 AND 2 OILS UP TO 15 GPH	08/08/1988	09/09/1992	Discontinued
SOLID FUEL	09/08/2008		Active

License/Disciplinary Action

No Records.

GENERAL INFORMATION

Gender: **Male**

Exams (3 records) [hide](#)

Type	Exam Date	Status
JY 1 & 2 Oils Up To 15 GPH	08/08/1992	PASSED
MS 1 & 2 Oils Up To 15 GPH	03/11/1995	PASSED
MS Solid Fuel	08/18/2008	PASSED

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From: Mike Shaw (787-4352)

Pages: 5 including cover

Technical Data For HVAC
Permit

41 Pleasant Ave Portland
04103

2012-07-4505 - HVAC

38 Pleasant Ave

130 I004

874-8716

Technical information **3**

3 Technical information

3.1 Technical data for boiler without burner

Select a suitable burner for this boiler using the information in this chapter.

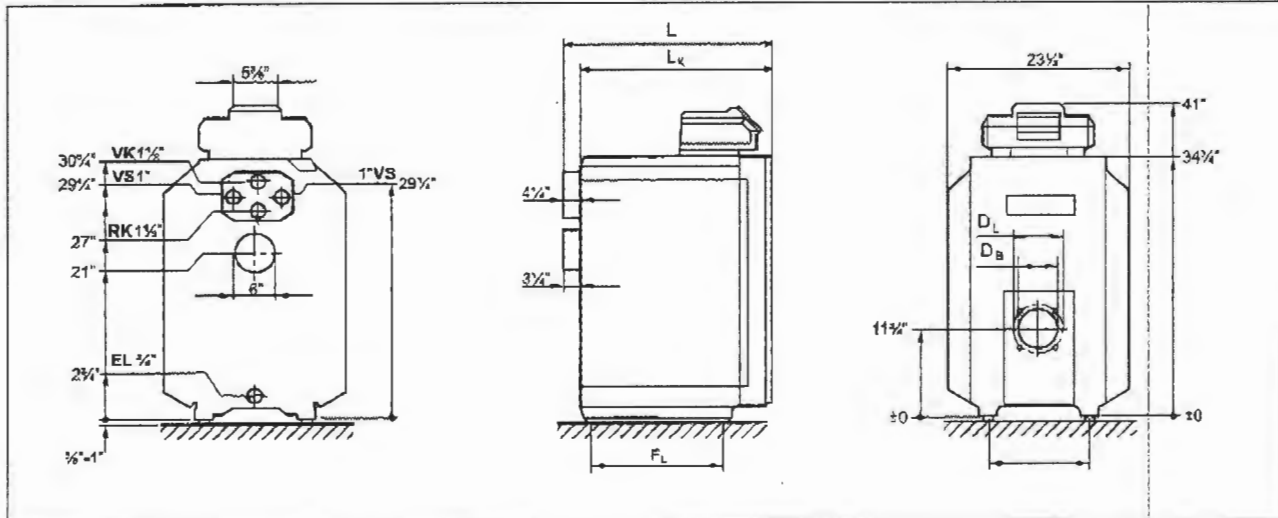


Fig. 2 Connections and dimensions (measurements in inches)

Connections (measurements see following tables):

VK = Boiler supply

VS = Hot water tank supply

RK = Boiler return

EL = Boiler drain (connection for drain valve)

Parameter	Model	3	4	5	6	7
Maximum capacity (kW)	BTU/h	134,000	171,000	207,000	256,000	294,000
Maximum capacity (kW)	BTU/h	117,000	149,000	180,000	223,000	256,000
Maximum capacity (kW)	BTU/h	approx. 12.9	approx. 16.1	approx. 19.3	approx. 22.5	approx. 25.6
Capacity (kW)	BTU/h	1.35	1.73	2.10	2.48	2.86
Capacity (kW)	BTU/h	1.1	1.4	1.7	2.1	2.5
Flow rate (l/min)		0.0023 - 0.0078				
Pressure (bar)		2.48				
Weight (kg)		58				
Height (mm)		440				

Tab. 1 Technical data for boilers without burners

¹ Safety limit (high limit safety cut-out STB)

Maximum possible flow temperature = safety limit (STB) - 32 °F

Example: Safety limit (STB) = 212 °F, maximum possible flow temperature = 212 - 32 = 180 °F

The safety limit must comply with the national regulations.

3 Technical information

Parameter	Unit	18 1/8	22	26 3/4	31 1/2	36 1/4	41	
Boiler weight (incl. burner)	kg	26 3/4	31	35 3/4	40 3/4	45 3/4		
Boiler weight (incl. LK)	kg	22	26 3/4	31 1/2	36 1/4	41		
Boiler height (incl. burner)	mm	18 1/8, 32 1/4; Length LK						
Boiler height (incl. burner, LK)	mm	16 3/4	21 3/8	26 1/4	31	35 3/4		
Boiler height (incl. burner, LK)	mm	13 1/4						
Boiler height (incl. burner)	mm	8 3/4						
Boiler height (incl. burner)	mm	4 3/8				5 1/8		
Boiler height (incl. burner)	mm	5 7/8				6 3/4		
Boiler height (incl. burner, LK)	mm	13 1/4	18	22 3/4	27 1/4	32		
Boiler height (incl. burner, LK)	mm	400	500	600	700	800		

Tab. 2 Dimensions, weight and other data for boilers without burners

¹ Weight incl. packaging material approx. 6 – 8 % more.

3.2 Operating conditions

If the operating conditions listed on the following page are maintained, long and trouble-free operation of the boiler can be expected. Some details relate only to operation with Logamatic control panels from Buderus.



SYSTEM DAMAGE

Deviating from the stated operating conditions may lead to faults. Major deviations may lead to the destruction of individual components or of the boiler.

- Observe the details on the boiler rating label, which are decisive. Please always observe these.

2 Product Description

2 Product Description

This boiler is a low temperature boiler for oil or gas combustion with modulating boiler water temperature control.

The boiler consists of:

- Logamatic control panel (optional)
- Boiler jacket
- Boiler block with insulation

The control device monitors and controls all electrical boiler components.

The standard boiler is equipped with an aquastat control.

The boiler casing prevents heat losses and acts as a noise insulator.

The boiler block transfers the heat generated by the burner to the heating water. The insulation prevents energy losses.

Suitable burner

Install a suitable oil or a gas burner on the boiler. Note the boiler specifications when selecting the burner (→ Chapter 3.1, page 7).



CAUTION!

SYSTEM DAMAGE

due to incorrect burner.

- Use only burners that meet the technical boiler requirements.

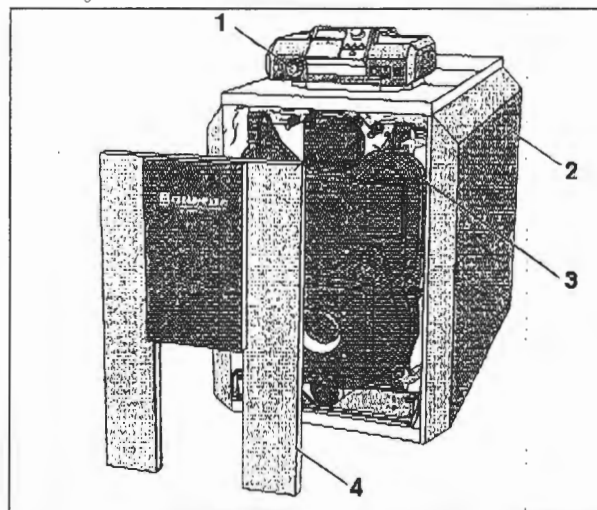


Fig. 1 Boiler without burner

- 1 Logamatic control panel
- 2 Boiler jacket
- 3 Boiler block with insulation
- 4 Burner door casing



Close window
Print page

Strong Winning Partnerships

RIELLO 40 GS SERIES > Technical data

Model		G63	G65	GS10	GS20
Fuel/air data					
Modulation ratio at max. output		-			
Servo motor	Run time	6 - 28			
Heat output	Mcal/h	9,5 - 30	15,5 - 50	36 - 100	70 - 185
Net calorific value G20 gas	MWh/Nm ³	10			
G20 gas delivery	Nm ³ /h	1,1 - 3,5	1,8 - 5,8	4,2 - 11,6	8,1 - 22
G25 gas density	kg/Nm ³	0,78			
Net calorific value LPG gas	kWh/Nm ³	25,8			
LPG gas delivery	Nm ³ /h	0,4 - 1,4	0,7 - 2,2	1,8 - 4,4	3,1 - 8,5
Air temperature	Max. °C	40			
Auxiliary electrical supply	Ph/Hz/V	-			
Total electrical power	kW	0,106	0,170	0,120	0,250
Electrical data					
Protection level	IP	40			
Rated motor current	A	0,6	0,66	0,7	1,4
Motor protection level	IP	20			
Ignition transformer	V1 - V2	(-) - 8 kV		230 V - 8 kV	
Operation		Intermittent (at least one stop every 24 h)			
Approval Emissions					
Sound power	W	-			
NOx emission	mg/kWh	≤ 120			
Conforming to		EN 678			

Reference conditions:

Temperature: 20 °C
Pressure: 1013,6 mbar
Altitude: 100 m a.s.l.
Noise measured at a distance of 1 meter.

Since the Company is constantly engaged in the production improvement, the aesthetic and dimensional features, the technical data, the equipment and the accessories can be changed.

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