

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 08-1378	Issue Date:	CBL: 292 A038001
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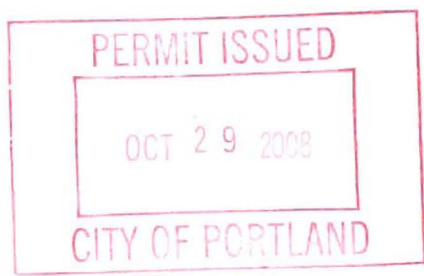
Location of Construction: 50 MAGGIE LN	Owner Name: BOUSSETTA AHMED	Owner Address: 2 COTTON ST	Phone: 207-282-2319
Business Name:	Contractor Name: Jerrys Plumbing & Heating	Contractor Address: 22 Ridgeview Drive Biddeford	Phone: 2072822319
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R5

Past Use: Two Unit Residential	Proposed Use: Two Unit Residential - Install Baxi Luna Direct Vent Gas Boiler in Basement	Permit Fee: \$80.00	Cost of Work: \$6,000.00	CEO District: 5
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Proposed Project Description: Install Baxi Luna Direct Vent Gas Boiler in Basement	<p>FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied</p> <p>INSPECTION: Use Group: R3 Type: HVAC ST Maine Gas Regs IRC 2003</p> <p>Signature: _____ Date: 10/29/08</p>
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Permit Taken By: lmd	Date Applied For: 10/29/2008	Zoning Approval
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<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 information 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"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: 10/29/08</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: 10/29/08</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input checked="" 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: 10/29/08</p>
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SCANNED

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.

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08-1378	10/29/2008	292 A038001

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Proposed Use: Two Unit Residential - Install Baxi Luna Direct Vent Gas Boiler in Basement	Proposed Project Description: Install Baxi Luna Direct Vent Gas Boiler in Basement
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Dept: Zoning	Status: Approved	Reviewer: Tom Markley	Approval Date: 10/29/2008
Note:			Ok to Issue: <input checked="" type="checkbox"/>
Dept: Building	Status: Approved with Conditions	Reviewer: Tom Markley	Approval Date: 10/29/2008
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.			



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

OCT 28 20 08

Received from

Jerry Plumbing & Heating

Location of Work

11850 Maggie Lane

Cost of Construction

\$

Building Fee:

Permit Fee

\$

Site Fee:

Certificate of Occupancy Fee:

Total:

Building (IL) _____

Plumbing (IS) _____

Electrical (I2) _____

Site Plan (U2) _____

Other

HVAC

CBL:

272-A-038

Check #:

13564

Total Collected \$

8000

No work is to be started until permit issued.

If permit is Withdrawn or Denied, amount of the Refund is based on \$20.00 or 20% of the fee, (whichever is greater)

In order to receive a refund, you MUST present the Original Receipt.

Taken by:

R. Danforth

WHITE - Applicant's Copy

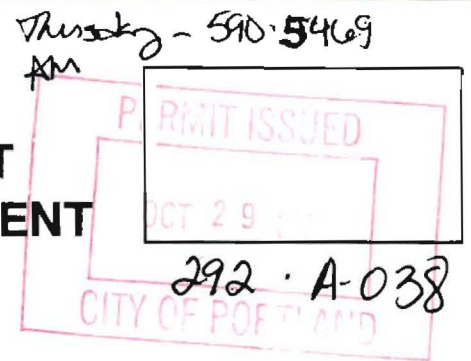
YELLOW - Office Copy

PINK - Permit Copy



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 Portland Use of Building Residence Date 10/27/08
Name and address of owner of appliance 48-50 Maggie Lane
Installer's name and address Jerry's Plbg + Htg.
12 Ridgerview Dr. Biddeford, ME Telephone 282-2319

Location of appliance:

- ☒ Basement ☐ Floor
☐ Attic ☐ Roof

Type of Fuel:

- ☒ Gas ☐ Oil ☐ Solid

Appliance Name:

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 1262
☐ 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 by other

Number of Tanks by other

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

Cost of Work: \$ 6000.00

Permit Fee: \$ 80.00

Approved

Fire: _____
Ele.: _____
Bldg.: _____

Approved with Conditions

- ☐ See attached letter or requirement

Signature of Installer

Jerry Guntton

Inspector's Signature

Date Approved

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

Baxi Luna 3 Comfort Modulating Wallhung Boiler



The new Baxi Luna 3 controller made by Bertelli enhances boiler set up and performance. It can also be used as room thermostat, communicating with an optional external sensor to optimize performance.

Advanced Functions

- ◆ Climatic curves selection (with external sensor)
- ◆ Selection of the type of building
- ◆ Self-learning function (automatic selection of the best climatic curve)
- ◆ Modulating thermostat
- ◆ DHW timer (with indirect cylinder)
- ◆ Available in C° or F°
- ◆ Optional A/C control

Info Mode

- ◆ Real DHW temperature
- ◆ Real external temperature
- ◆ Modulating current %
- ◆ Boiler Output %
- ◆ CH set-point temperature
- ◆ Real CH temperature
- ◆ DHW flow rate
- ◆ Flame signal %

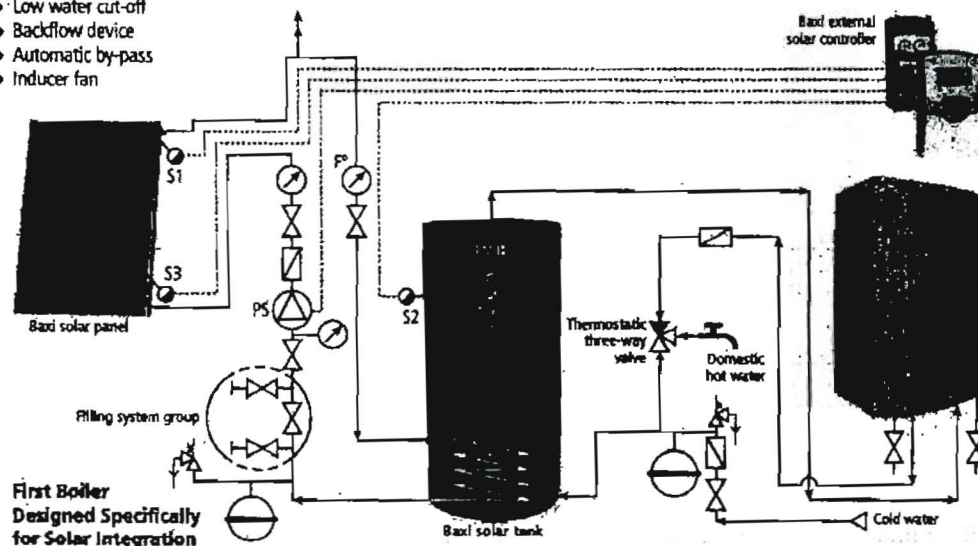
Mechanical Specifications

Furnish and install a fully, modulating wallhung boiler, as shown in the plans. The boiler shall be a Baxi Luna 3 Comfort 310 Fi combination central heating and domestic hot water boiler, or approved equal. The boiler shall be pre-assembled, and NG/propane fired. The boiler shall include a Baxi controller made by Bertelli Partners. It shall also modulating sealed combustion with a nickel-chrome stainless steel AISI 316L premix burner and heat exchanger, as well as power venting using outdoor air for combustion. The boiler shall have an AFUE rating of 85.5%. The boiler shall be manufactured by an OHSAS 18001, ISO 14001 and ISO 9001 registered com-

pany to conform to Section IV of the ASME Boiler and Pressure Vessel Code. The boiler's heat exchangers shall bear the ASME H-Stamp. The boiler shall be CSA approved, and shall meet U.S. Environment Protection Agency and Department of Energy guidelines for "Energy Star"™ energy efficiency.

Built-in Boiler Components

- ◆ 3-way electronic valve
- ◆ Circulating pump with built-in automatic air vent
- ◆ Pressure relief valve
- ◆ Expansion Tank
- ◆ Heating circuit fill and drain valves
- ◆ Electronic temperature control
- ◆ High limit switch
- ◆ Low water cut-off
- ◆ Backflow device
- ◆ Automatic by-pass
- ◆ Inducer fan



Technical Data		Luna 3 Comfort 310 Fi	Luna 3 Comfort 1.31 Fi
AFUE rating		85.5	85.5
Thermal efficiency (maximum)		85.5	85.5
Rated heat input	BTU/hr	126,249	126,249
Reduced heat input	BTU/hr	45,040	45,040
Rated heat output	BTU/hr	105,776	105,776
Reduced heat output	BTU/hr	35,486	35,486
Sealed combustion chamber		yes	yes
Ignition		electronic	electronic
Anti-frost device on heating circuit		yes	yes
Maximum pressure on heating circuit	psi	43	43
Regulation of heating circuit water temperature			
- high temp	°F	86/180	86/180
- low temp	°F	86/113	86/113
Dimensions:			
Height	in	30.04	30.04
Width	in	17.74	17.74
Depth	in	18.58	18.58
Coaxial/dual flue tube	in	2.36/3.93/3.14	2.36/3.93/3.14
Net weight	lbs	90	86
Gas type		NG/LP	NG/LP

Baxi Luna 3 Comfort 310Fi is a combination central heating and DHW boiler. A separate plate-to-plate heat exchanger produces DHW of 3.3 gpm at delta T 77°F. Baxi Luna 3 Comfort 1.31Fi is a heating only boiler.

Baxi Luna 3 Comfort 310Fi and 1.31Fi Modulation Range (BTU/hr)



All Baxi heat exchangers are ASME H-Stamp certified, with a 10-year warranty.

BAXI

Marathon International — Exclusive North American Distributor for BAXI Products
1815 Sismet Road, Mississauga, Ontario L4W 1P9, Canada
1-800-461-4657 • info@wallhungboilers.com

www.wallhungboilers.com

