

**City of Portland, Maine - Building or Use Permit Application**

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

Permit No: 10-1079	Issue Date:	CBL: 345 B011001
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Location of Construction: 137 Plymouth St	Owner Name: Cgb Properties Llc	Owner Address: 84 Country Ln	Phone:
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Business Name:	Contractor Name: Jerrys Plumbing & Heating	Contractor Address: 22 Ridgeview Drive Biddeford	Phone: 2072822319
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Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-3
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Past Use: Single Family	Proposed Use: Single Family / Install one Baxi Luna heating unit in the basement.	Permit Fee: \$80.00	Cost of Work: \$6,000.00	CEO District: 5
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FIRE DEPT: <i>N/A</i>	<input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>R3</i> Type:
Signature:		Signature: <i>[Signature]</i>

Proposed Project Description:  
Install one Baxi Luna heating unit in the basement.

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: gg	Date Applied For: 08/31/2010
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**Zoning Approval**

- 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..

<b>Special Zone or Reviews</b> <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>9/3/10</i>	<b>Zoning Appeal</b> <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:	<b>Historic Preservation</b> <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
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**PERMIT ISSUED**

SEP 21 2010

City of Portland

**RECEIVED**

SEP 21 2010

**CERTIFICATION**

City of Portland  
Planning Division

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
			PHONE



FILL IN AND SIGN WITH INK

PERMIT ISSUED

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

SEP 21 2010

135 301 City of Portland  
345 8011

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 Residential Date 8/30/10  
 Name and address of owner of appliance Brackett Construction  
137 Plymouth Drive  
 Installer's name and address Jerry's Plbg & Htg  
22 Ridgerview Dr. Biddeford, ME Telephone 590-5469

**Location of appliance:**  
 Basement       Floor  
 Attic             Roof

**Type of Fuel:**  
 Gas       Oil       Solid

Appliance Name: Baxi  
 U.L. Approved  Yes  No  
AGA approved

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 \_\_\_\_\_ AUG 19 2010

**Type of Fuel Tank**      Dept. of Building Inspections  
 Oil                              City of Portland Maine  
 Gas

Size of Tank By gas company

Number of Tanks 1

Distance from Tank to Center of Flame 5' feet.

Cost of Work: \$ 6000

Permit Fee: \$ 80.00

RECEIVED

**Approved**

**Approved with Conditions**

Fire: \_\_\_\_\_  
 Ele.: \_\_\_\_\_  
 Bldg.: \_\_\_\_\_

See attached letter or requirement

Inspector's Signature \_\_\_\_\_ Date Approved \_\_\_\_\_

Signature of Installer Jerry Quarter

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

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Permit No: 10-1079	Date Applied For: 08/31/2010	CBL: 345 B011001
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Location of Construction: 137 Plymouth St	Owner Name: Cgb Properties Llc	Owner Address: 84 Country Ln	Phone:
Business Name:	Contractor Name: Jerrys Plumbing & Heating	Contractor Address: 22 Ridgeview Drive Biddeford	Phone: (207) 282-2319
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family / Install one Baxi Luna heating unit in the basement.	Proposed Project Description: Install one Baxi Luna heating unit in the basement.
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Dept: Zoning	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 09/03/2010
Note:			Ok to Issue: <input checked="" type="checkbox"/>
Dept: Building	Status: Approved with Conditions	Reviewer: Jonathan Rioux	Approval Date: 09/21/2010
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) The appliance and venting shall be installed in accordance with the manufactures listing.			
2) The installation must comply with the State of Maine Gas Regulations.			
3) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.			

**PERMIT ISSUED**

SEP 21 2010



# CITY OF PORTLAND, MAINE

Department of Building Inspections

## Original Receipt

August 31 2010

Received from

Julius Plumbing & Heating

Location of Work

135 Plymouth

Cost of Construction \$

\_\_\_\_\_

Building Fee: \_\_\_\_\_

Permit Fee \$

\_\_\_\_\_

Site Fee: \_\_\_\_\_

Certificate of Occupancy Fee: \_\_\_\_\_

Total: \_\_\_\_\_

70.00

Building (IL)

Plumbing (15) \_\_\_\_\_

Electrical (12) \_\_\_\_\_

Site Plan (12) \_\_\_\_\_

Other

NVAC

CEL

135 B011

Check #: \_\_\_\_\_

16566

Total Collected \$

70.00

**No work is to be started until permit issued.  
Please keep original receipt for your records.**

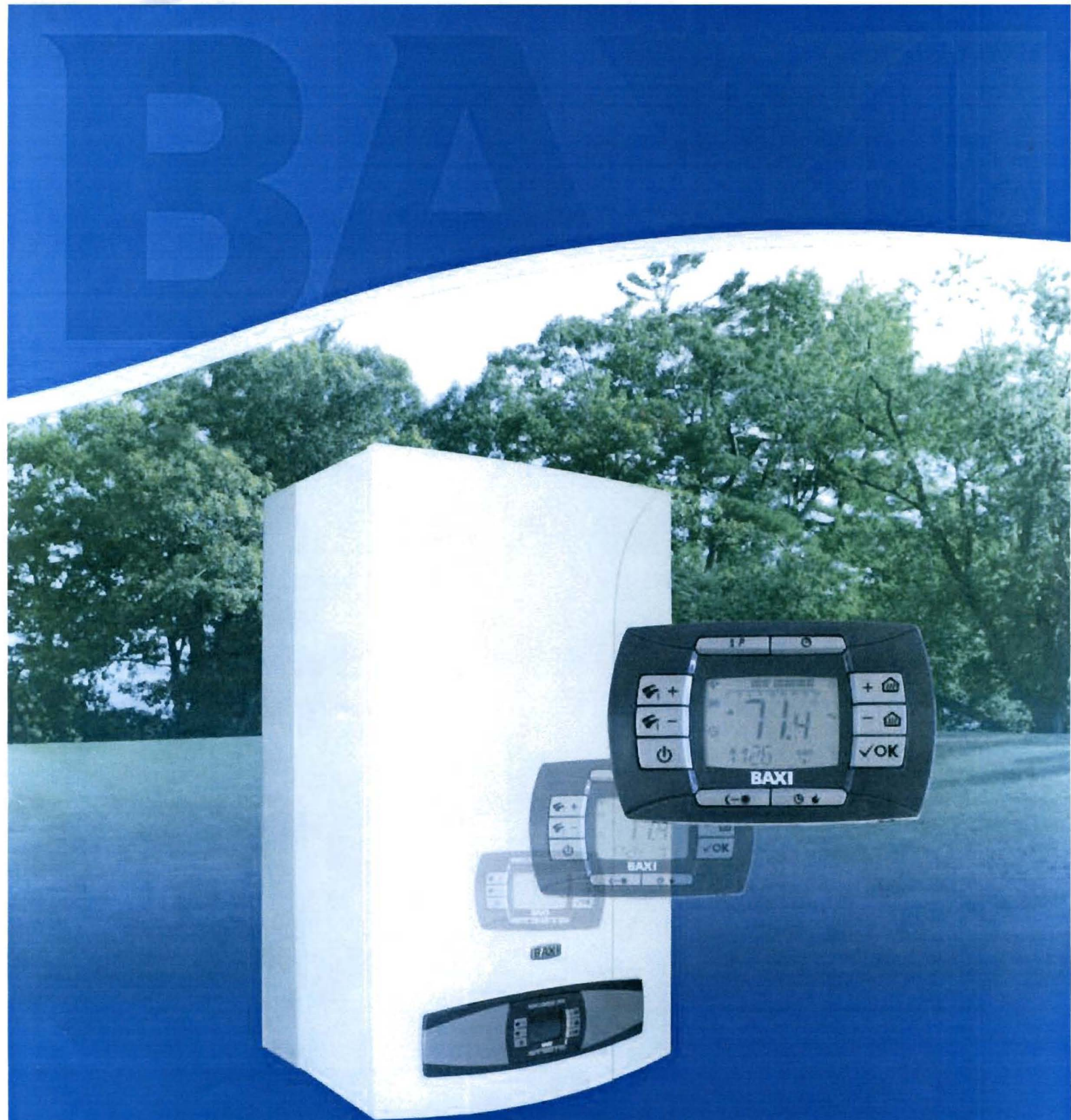
Taken by: \_\_\_\_\_

*[Signature]*

WHITE - Applicant's Copy

YELLOW - Office Copy

PINK - Permit Copy



**BAXI LUNA)3 Comfort**  
Modulating Wallhung Boiler

# Baxi Luna 3 Comfort Modulating Wallhung Boiler



The new Baxi Luna 3 Comfort controller made by Bertelli & Partners 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)
- ◆ Sets up in F° or C°
- ◆ Optional A/C control

## Controller Info Mode

- ◆ Actual DHW temperature
- ◆ Actual external temperature
- ◆ CH set-point temperature
- ◆ Actual CH temperature
- ◆ DHW flow rate
- ◆ Current modulating %
- ◆ Boiler Output %
- ◆ 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 feature modulating sealed combustion with a nickel-chrome stainless steel AISI 316L pre-mix burner and heat exchanger, as well as power venting using outdoor air for combustion. The boiler shall be CSA approved and Energy Star certified, with an AFUE rating of 85.5%. The boiler

shall be manufactured by an OHSAS 18001, ISO 14001 and ISO 9001 registered company 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 solar water heating system compatible, and able to bring pre-heated water from an indirect solar tank up to demand. The boiler shall feature these built-in components:

- ◆ 3-way electronic valve
- ◆ Circulating pump with auto 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

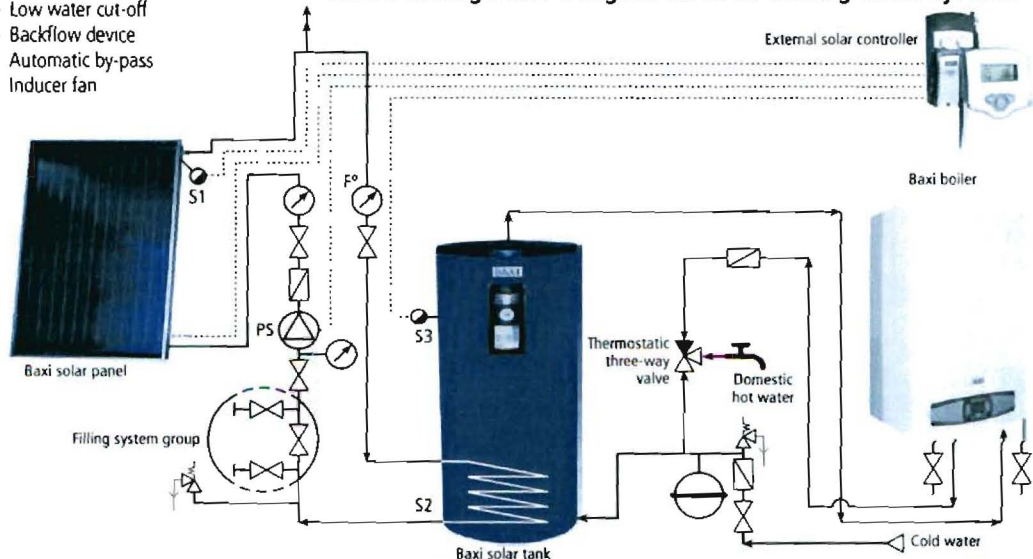
Technical Data		Baxi Luna 3 Comfort 310 Fi Combi CH & DHW	Baxi Luna 3 Comfort 1.31 Fi CH Boiler
AFUE rating	%	85.5	85.5
Thermal efficiency (maximum)	%	89	89
Rated heat input	BTU/hr	126,249	126,249
Reduced heat input		45,040	45,040
Rated heat output		105,776	105,776
Reduced heat output		35,486	35,486
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 17.71	17.71
	Depth	in 13.58	13.58
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. All heat exchangers in Baxi Luna boilers are ASME H-Stamp certified, and come with a 10-year warranty.

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



## First Wallhung Boiler Designed for Solar Heating Water Systems



# BAXI

Marathon International  
Exclusive North American Distributor for BAXI Products  
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[www.wallhungboilers.com](http://www.wallhungboilers.com)

