

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 10-1208	Issue Date:	CBL: <i>826</i> 275 H025001
-----------------------	-------------	--------------------------------

Location of Construction: 20 DORSET ST	Owner Name: SARKOZY STEPHEN P	Owner Address: 20 DORSET ST	Phone:
Business Name:	Contractor Name: Mainely Plumbing & Heating	Contractor Address: 674 Main Street Gorham	Phone: 2078544969
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: <i>R-3 Prime</i>

Past Use: Single Family Home	Proposed Use: Single Family Home - install a Baxi HT-380 in basement	Permit Fee: \$90.00	Cost of Work: \$7,000.00	CEO District: 3	<i>8000A</i> <i>R-P Sub</i>
		FIRE DEPT: <i>N/A</i> <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: Type: <i>Maine State Gas Code</i>		

Proposed Project Description:
install a Baxi HT-380 in basement

Signature: _____ Signature: _____

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: Idobson	Date Applied For: 09/29/2010	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 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: <i>9/29/10</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 District 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: _____</p>
---	--	---	--

PERMIT ISSUED

OCT 18

City of Portland

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
---	------	-------

City of Portland, Maine - Building or Use Permit

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

Permit No: 10-1208	Date Applied For: 09/29/2010	CBL: 275 H025001
-----------------------	---------------------------------	---------------------

Location of Construction: 20 DORSET ST	Owner Name: SARKOZY STEPHEN P	Owner Address: 20 DORSET ST	Phone:
Business Name:	Contractor Name: Mainely Plumbing & Heating	Contractor Address: 674 Main Street Gorham	Phone (207) 854-4969
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home - install a Baxi HT-380 in basement	Proposed Project Description: install a Baxi HT-380 in basement
---	--

Dept: Zoning Status: Approved with Conditions Reviewer: Marge Schmuckal Approval Date: 09/29/2010

Note: Ok to Issue:

- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages.
- 2) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.
- 3) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 4) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Dept: Building Status: Approved with Conditions Reviewer: Jonathan Rioux Approval Date: 10/18/2010

Note: Ok to Issue:

- 1) Maintain proper setback(s) from property lines/buildings and proper clearances from verticle openings when direct venting.
- 2) The installation must comply with the State of Maine Gas Regulations.
- 3) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.

PERMIT ISSUED

OCT 18

City of Portland



Fill in and Sign with Ink

APPLICATION FOR PERMIT FOR HEATING OR POWER EQUIPMENT

PERMIT ISSUED
OCT 18 2010

City of Portland

To the INSPECTOR OF BUILDINGS, Portland, ME.

The undersigned hereby requests permission to install the following heating, cooking or power equipments in accordance with the Laws of the City of Portland, and the following specifications:

Location / CBL. 20 Street St Use of Building Single Family Date 9/28/10
Name and address of owner of appliance Steve Sechazy

Installer's name and address Adams P+H
674 Main St, Portland, ME 04038 Telephone 854-4969

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: Baxx HT-380
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 347
 Other _____

Type of Chlmney:
 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.

RECEIVED
Cost of Work: \$ 2,000
Permit Fee 2010 \$ 90

Approved

Dept. of Building Inspection
City of Portland
Approved with Conditions
 See attached letter or requirement

Fire: _____

Ele.: _____

Bldg.: _____

Signature of Installer [Signature] Inspector's Signature _____ Date Approved _____

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

BAXI

LUNA HT wall-hung condensing boilers

An ideal solution for all heating and domestic hot water needs

Quietest boiler on the market

- Direct vent
- Sealed combustion
- Fully modulating fan

Compact space saver

- Approved for closet installation
- Up to 97% efficient
- Endless hot water on demand

Smart

- Fully automatic self diagnostics
- Environmentally friendly
- Can cut utility bills in half

SMART TECHNOLOGY

- Easy adjustment for natural gas or propane
- Nickel-chrome stainless steel burner (AISI 316L) and primary heat exchanger, high resistance to corrosion, no internal welding, large heat exchange surface and low heat inertia
- Electronic, gradual ignition
- Fully modulating fan and calibrated venturi
- Gas valve with continuous modulation system
- Electronic 3 way diverter valve
- Gas valve has 1:1 gas/air mechanical control
- Sealed combustion

CONTROL AND SAFETY SYSTEM

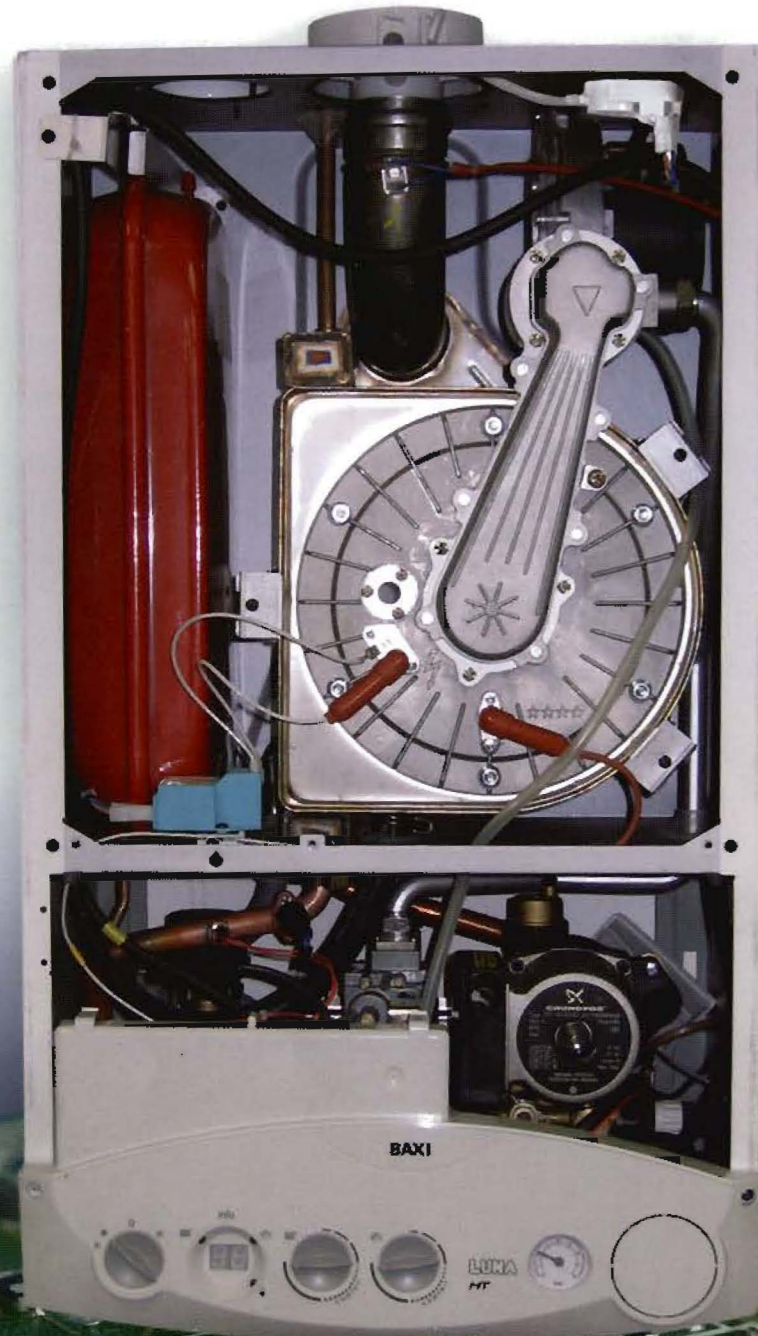
- Fully automatic self diagnostics
- Double CPU microprocessor for efficiency optimization
- Anti-freeze protection (Unit will operate at low fire until 86° F/30°C loop temperature is achieved)
- Pump protection (automatically operates for 10 seconds if system is static for 24 hours)
- 3-way valve protection (electronic communication and operation to main circuit board if static for 24 hours)
- Other built-in features:
 - Circulating pump with automatic air vent
 - Pressure relief valve
 - Expansion Tank
 - Heating circuit fill and drain valves
 - Independent heating and domestic temperature set point dials
 - Electronic temperature control NTC sensors
 - High limit switch
 - Flue limit switch
 - Flame sensing electrode
 - Low water cut-off
 - Backflow device
 - Automatic by-pass
 - Inducer fan



Combines smart looks with smart technology

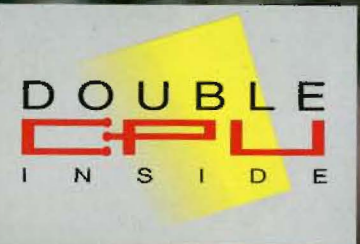
Modulo

The Modulo features the Baxi Luna HT 1.33 condensing boiler* atop a 21-gallon (US) stainless steel, insulated storage tank. The Modulo can provide 150 US gallons of hot water (at a maximum of 140°F) every 30 minutes. Its sleek design and compact size (17" x 21" x 64") makes the Modulo a great addition to any space. (*Modulo can also operate with the Baxi Luna 1.31 wall-hung boiler.)



The Baxi Luna HT series features three condensing boilers that can generate up to 97% efficiency, providing heat for an entire home from 600 to 6,000 square feet. Another HT series combination boiler provides heating as well as domestic hot water on demand.

INNOVATIVE ELECTRONICS AND SOFTWARE



Promising you the ultimate in heating and hot water comfort

Baxi Luna HT condensing boilers can be combined with...



In-floor Heating



Wall Radiators



Heated Towel Racks



Indirect-fired Tanks



Air Handlers

TEMPERATURE REGULATION ACCESSORIES

Baxi Luna HT condensing boilers can be connected to an outdoor probe to have greater comfort, higher efficiency and lower energy consumption. It can also be supplied with the remote controller and room thermostat which allows remote programming; setting; and control of up to 50 parameters. A Baxi by Siemens accessory, this is a smart control - meaning it assesses the R-value of a home or business, and adjusts the rate of gas consumption accordingly.

Remote Controller

Outdoor Probe



condensing boilers

Modulating Heating Output Ranges:

Baxi Luna HT 330
Combination Heating and Hot Water
112,601 to 32,804 BTU/hr

Baxi Luna HT 1.33
Heating Only
112,601 to 32,804 BTU/hr

Baxi Luna HT 1.45
Heating Only
153,546 to 52,058 BTU/hr

Baxi Luna HT 1.65
Heating Only
221,789 to 69,326 BTU/hr

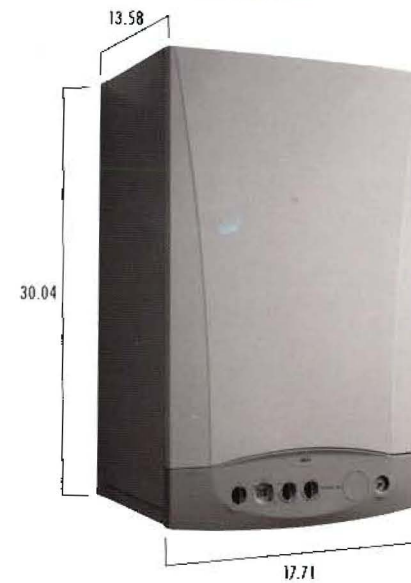
Environmentally friendly

80% less
NOx

90% less
CO

BAXI LUNA HT TECHNICAL NOTES

RESIDENTIAL



BAXI LUNA HT 330 & 1.33

COMMERCIAL



BAXI LUNA HT 1.45 & 1.65

Multiple Baxi Luna HT condensing boilers can be cascaded, sharing a common venting system with a single exterior penetration. A three-unit Baxi Luna HT application (see photo) generates a combined maximum heating input of 725,000 BTUs.

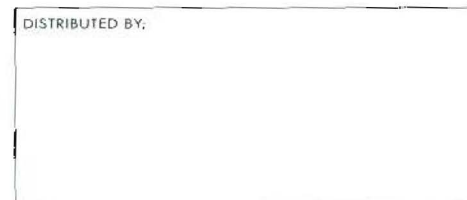
DESCRIPTION	RESIDENTIAL		COMMERCIAL		
	Luna HT 330	Luna HT 1.33	Luna HT 1.45	Luna HT 1.65	
Rated heat input	BTU/hr	126,376	126,376	167,262	241,600
Reduced heat input	BTU/hr	37,192	37,192	55,618	73,361
Rated heat output	BTU/hr	112,601	112,601	153,546	221,789
Reduced heat output	BTU/hr	32,804	32,804	52,058	69,326
Sealed combustion chamber		yes	yes	yes	yes
Ignition		electronic	electronic	electronic	electronic
Anti-frost device on heating circuit		yes	yes	yes	yes
Maximum pressure on heating circuit	psi	30	30	30	30
Expansion vessel	US gal	2.2	2.2	N/A	N/A
Regulation of water temperature in heating circuit – high temp	°F	86/180	86/180	86/180	86/180
– low temp	°F	86/113	86/113	86/113	86/113
Maximum DHW flow rate (ΔT@80°F)	US gal	3.6	N/A	N/A	N/A
Minimum capacity domestic hot water flow rate	US gal	0.66	N/A	N/A	N/A
Minimum pressure on DHW system	psi	2.9	N/A	N/A	N/A
Maximum pressure on DHW system	psi	116	N/A	N/A	N/A
Dimensions: Height	in	30.04	30.04	37.40	37.40
Width	in	17.71	17.71	23.62	23.62
Depth	in	13.58	13.58	18.35	18.35
Coaxial/Dual flue tube	in	2.36-3.93/2.36	2.36-3.93/2.36	3.15-4.92/3.15	3.15-4.92/3.15
Net weight	lbs	102	102	141	158
Gas type		NG / LP	NG / LP	NG / LP	NG / LP
Voltage	V	120	120	120	120
Frequency	Hz	60	60	60	60

The Capacity assumes no responsibility for any possible condensation outside and requires the user to make changes in products due to technical or commercial demands, at any time without notice.

BAXI

Marathon International
Exclusive North American Distributor
1815 Sismet Road - Mississauga
Ontario L4W 1P9 - CANADA
Tel. 800-461-4657
Info@wallhungboilers.com

DISTRIBUTED BY:



www.wallhungboilers.com



The manufacturer of the Baxi Luna HT condensing boiler series is ISO 9001 certified for quality management, and ISO 14001 for environmental management.

Building quiet, compact and smart wall-hung boilers for more than 35 years

BAXI LUNA HT CONDENSING BOILERS

THE FUTURE OF HOME COMFORT IS HERE



BAXI