

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 10-1414	Issue Date:	CBL: 197 L004001
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Location of Construction: 93 WESTLAND AVE	Owner Name: MCALLISTER MARY LOUELLA	Owner Address: 93 WESTLAND AVE	Phone:
Business Name:	Contractor Name: Shawn Miles	Contractor Address: 71 Astilbe Lane Yarmouth	Phone: 2078315836
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-5

Past Use: Single Family Home	Proposed Use: Single Family Home - Install Baxi Luna 310 Combi in basement	Permit Fee: \$60.00	Cost of Work: \$4,000.00	CEO District: 3
Proposed Project Description: Install Baxi Luna 310 Combi in basement		FIRE DEPT: N/A <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>Main Gas Low</i> Type: <i>SB</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: Idobson	Date Applied For: 11/12/2010	Zoning Approval	
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
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..

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<input checked="" type="checkbox"/> Not in District or Landmark
<input type="checkbox"/> Wetland	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Does Not Require Review
<input type="checkbox"/> Flood Zone	<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Requires Review
<input type="checkbox"/> Subdivision	<input type="checkbox"/> Interpretation	<input type="checkbox"/> Approved
<input type="checkbox"/> Site Plan	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Conditions
Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/>	<input type="checkbox"/> Denied	<input type="checkbox"/> Denied
Date: <i>11/12/10 ARM</i>	Date: _____	Date: <i>[Signature]</i>

PERMIT ISSUED

NOV 19 2010

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

Department of Building Inspections

Original Receipt

11-12 20 10

Received from _____

Location of Work 93 ...

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 60

Building (IL) _____ Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other HVAC

CBL: 177-4-4

Check #: _____

Total Collected \$ 60

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

Taken by: _____

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy

City of Portland, Maine - Building or Use Permit

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Permit No: 10-1414	Date Applied For: 11/12/2010	CBL: 197 L004001
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Location of Construction: 93 WESTLAND AVE	Owner Name: MCALLISTER MARY LOUELLA	Owner Address: 93 WESTLAND AVE	Phone:
Business Name:	Contractor Name: Shawn Miles	Contractor Address: 71 Astilbe Lane Yarmouth	Phone: (207) 831-5836
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home - Install Baxi Luna 310 Combi in basement	Proposed Project Description: Install Baxi Luna 310 Combi in basement
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Dept: Zoning	Status: Approved	Reviewer: Ann Machado	Approval Date: 11/15/2010
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
Dept: Building	Status: Approved with Conditions	Reviewer: Jonathan Rioux	Approval Date: 11/19/2010
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.			
2) The installation must comply with the State of Maine Gas Regulations.			

PERMIT ISSUED

NOV 19 2010

City of Portland



FILL IN AND SIGN WITH INK

PERMIT ISSUED

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

NOV 19 2010

City of Portland

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 93 Westland Ave 197 L 4 Use of Building Single family Date 11/12/10

Name and address of owner of appliance Chad Thompson
93 Westland Ave Portland, ME 04102

Installer's name and address Shawn Miles
Whastle 71 Astilbe Ln Yarmouth, ME 04096 Telephone (207) 831-5836

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Baxi Luna 310 Combi

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

RECEIVED

The Type of License of Installer: NOV 12 2010

- Master Plumber # _____
- Solid Fuel # Dept. of Building Inspections
City of Portland Maine
- Oil # _____
- Gas # PNT4692
- Other _____

Type of Chimney:

Masonry Lined
Factory built _____

Metal
Factory Built U.L. Listing # _____

Direct Vent
Type Coaxial dual flue UL# _____
tube

Type of Fuel Tank

- Oil
- Gas

Size of Tank 2 120 gal

Number of Tanks 2

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 4000.⁰⁰

Permit Fee: \$ 60.⁰⁰

Approved

Approved with Conditions

Fire: _____

Ele.: _____

Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

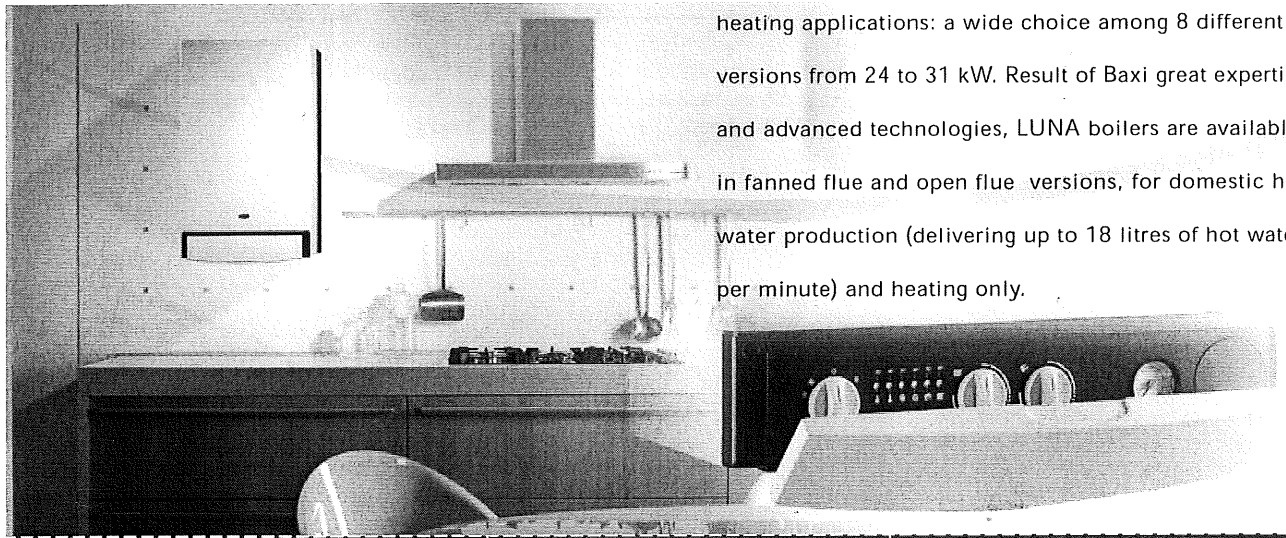
Signature of Installer Chad Thompson

BAXI GAS WALL HUNG BOILERS

LUNA

Design and power for a full range

LUNA wall hung boilers ensure effective solutions for all heating applications: a wide choice among 8 different versions from 24 to 31 kW. Result of Baxi great expertise and advanced technologies, LUNA boilers are available in fanned flue and open flue versions, for domestic hot water production (delivering up to 18 litres of hot water per minute) and heating only.



powerful up to 31 kW

8 different versions

refined design

- Electronic gradual ignition and flame modulation
- Baxi patented AFR system for efficiency optimization (fanned flue models)
- Two heating temperature possible ranges: 30/85°C, 30/45°C
- Heating only model with built-in electric 3 port valve (Luna 1.310 Fi MV)
- Anti-frost device
- 10 led temperature / status / fault diagnosis display
- System to prevent pump sticking operating every 24 hours
- Outdoor probe option
- Coaxial flue 60 / 100 max length: 6 m

		COMBI				HEATING ONLY			
		FANNED FLUE		OPEN FLUE		FANNED FLUE			OPEN FLUE
		LUNA 310Fi	LUNA 240Fi	LUNA 280i	LUNA 240i	LUNA 1.310Fi	LUNA 1.310FiMV	LUNA 1.240Fi	LUNA 1.240i
Maximum heat input (nominal)	kW	34,3	26,3	31,1	26,3	34,3	34,3	26,3	26,3
Minimum heat input	kW	11,9	10,6	11,9	10,6	11,9	11,9	10,6	10,6
Maximum heat output (nominal)	kW	31	24	28	24	31	31	24	24
Minimum heat output	kW	10,4	9,3	10,4	9,3	10,4	10,4	9,3	9,3
Maximum efficiency (nominal)	%	90,6	91,2	90,5	91,2	90,6	90,6	91,2	91,2
Efficiency at 30% capacity	%	88,3	87,9	87,9	87,6	88,3	88,3	87,9	87,6
Minimum working temperature with anti-frost device	°C	-	-	-	-	-4	-	-	-
Expansion vessel	l/bar	10/0,5	8/0,5	10/0,5	8/0,5	10/0,5	10/0,5	8/0,5	8/0,5
Heating system max pressure	bar	3							
Regulation of water temperature in DHW circuit	°C	35/65	35/65	35/65	35/65	-	5/65	-	-
Domestic hot water production ΔT 25°C	l/min	18	13,7	16	13,7	-	18	-	-
Domestic hot water production ΔT 35°C	l/min	12,7	9,8	11,4	9,8	-	12,7	-	-
Minimum capacity DHW flow rate	l/min	2,5	2,5	2,5	2,5	-	-	-	-
Minimum pressure on DHW system	bar	0,2	0,2	0,2	0,2	-	-	-	-
Maximum pressure on DHW system	bar	8	8	8	8	-	8	-	-
Dimensions (h x w x d)	mm	760x450x345	760x450x345	800x450x345	800x450x345	760x450x345	760x450x345	760x450x345	800x450x345
Flue tube	Ø mm	-	-	140	120	-	-	-	120
Coaxial/dual flue tube	Ø mm	60-100/80	60-100/80	-	-	60-100/80	60-100/80	60-100/80	-
Gas type		Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG
Grade of protection		IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D

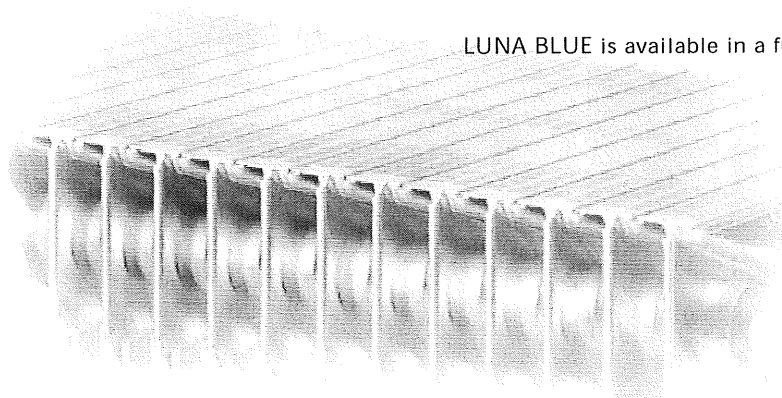
BAXI

LUNA BLUE

Low emissions for a better future

LUNA BLUE is the environmentally friendly wall hung boiler distinguished by a special water refrigerated burner which is reducing NOx emissions.

LUNA BLUE is available in a full range to fulfill any installation need.



low emissions

easy solution

wide range of models

- ***Energetic efficiency (DIR CE/92/42): 24 kW, fanned flue models
- Reduced NOx emissions thanks to water refrigerated LOW NOx burner
- Electric 3 port brass diverter valve: full anti-frost device and easy connection to indirect cylinders (heating models)
- Constant efficiency at over 90% for all heat inputs (fanned flue models)
- BAXI patented AFR system for efficiency optimization (fanned flue models)
- Two heating temperature possible ranges: 30/85°C, 30/45°C
- Remote controller option
- Outdoor probe option

		COMBI				HEATING ONLY	
		FANNED FLUE		OPEN FLUE		FANNED FLUE	OPEN FLUE
		LUNA BLUE 280Fi	LUNA BLUE 240Fi	LUNA BLUE 240i	LUNA BLUE 180i	LUNA BLUE 1.240Fi	LUNA BLUE 1.180i
Maximum heat input (nominal)	kW	31,1	26,3	26,3	19,4	26,3	19,4
Minimum heat input	kW	11,9	11,9	11,9	10,6	11,9	10,6
Maximum heat output (nominal)	kW	28	24	24	17,5	24	17,5
Minimum heat output	kW	10,7	10,7	10,4	9,3	10,7	9,3
Maximum efficiency (nominal)	%	90,3	91,7	90,3	90,3	91,7	90,3
Energetic efficiency (Dir CE/92/42)		★★	★★★	★★	★★	★★★	★★
Expansion vessel	l/bar	10/0,5	8/0,5	8/0,5	8/0,5	8/0,5	8/0,5
Heating system maximum pressure	bar	3					
Regulation of water temperature in DHW circuit	°C	35/65	35/65	35/65	35/65	-	-
DHW production ΔT 25°C*	l/min	16	13,7	13,7	10	-	-
DHW production ΔT 35°C*	l/min	11,4	9,8	9,8	7,1	-	-
Minimum capacity DHW flow rate	l/min	2,5	2,5	2,5	2,5	-	-
Minimum pressure on DHW system	bar	0,2	0,2	0,2	0,2	-	-
Maximum pressure on DHW system	bar	8	8	8	8	-	-
Dimensions (h x w x d)	mm	760x450x345	760x450x345	800x450x345	800x450x345	760x450x345	800x450x345
Flue tube	Ø mm	-	-	130	110	-	110
Coaxial/Dual flue tube	Ø mm	60-100/80	60-100/80	-	-	60-100/80	-
Gas type		Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG
Grade of protection		IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D

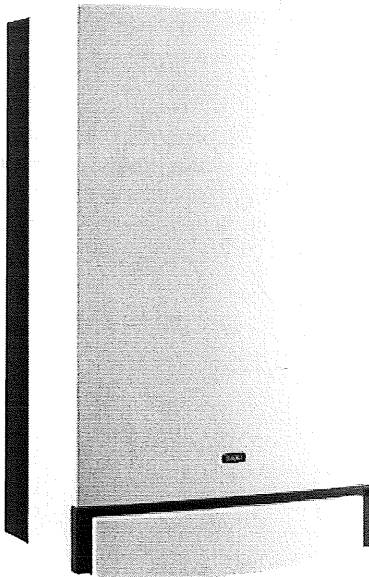
* without flow restrictor



BAXI GAS WALL HUNG BOILERS

LUNA MAX

Patented speed... hot water in 4"



Thanks to the patented expansion vessel with integrated

storage tank, Luna max is able to deliver immediate hot

sanitary water (in 4"). Luna max has been designed for

ensuring the maximum saving in time, water and gas.

higher comfort

- Expansion vessel with integrated storage tank patented BAXI
- Electronic gradual ignition and flame modulation
- BAXI patented AFR system for efficiency optimization (310Fi, 240Fi)
- Outdoor probe option

DHW up to 18 lt

- Full anti-frost device
- Two heating temperature possible ranges: 30/85°C, 30/45°C
- System to prevent pump and diverter valve sticking operating every 24 hours

solution patented by BAXI

		FANNED FLUE		OPEN FLUE
		LUNA MAX 310Fi	LUNA MAX 240Fi	LUNA MAX 240i
Maximum heat input (nominal)	kW	34,3	26,3	26,3
Minimum heat input	kW	11,9	10,6	10,6
Maximum heat output (nominal)	kW	31	24	24
Minimum heat output	kW	10,4	9,3	9,3
Maximum efficiency (nominal)	%	90,6	91,2	91,2
Efficiency at 30% capacity	%	88,3	87,9	87,6
Expansion vessel nominal capacity	l	11,5	11,5	11,5
Integrated storage capacity	l	3,5	3,5	3,5
Heating system max pressure	bar	3	3	3
Regulation of DHW temperature	°C	35/65	35/65	35/65
Continuous DHW production ΔT 25°C	l/min	18	13,7	13,7
Continuous DHW production ΔT 35°C	l/min	12,7	9,8	9,8
Minimum capacity DHW flow rate	l/min	2,5	2,5	2,5
Minimum pressure on DHW system	bar	0,2	0,2	0,2
Maximum pressure on DHW system	bar	8	8	8
Dimensions (h x w x d)	mm	760x450x345	760x450x345	800x450x345
Flue tube	Ø mm	-	-	120
Coaxial / dual flue tube	Ø mm	60-100/80	60-100/80	-
Gas type		Methane/LPG	Methane/LPG	Methane/LPG
Grade of protection		IPX5D	IPX5D	IPX5D

BAXI**ECO³***Compact evolution*

Eco³ has been specially designed to ensure the maximum space saving. Thanks to the special flue system, Eco³ will easily fit everywhere: the room required for the installation is considerably reduced compared to a traditional compact boiler.

Easiness of installation ensured also by the distance of the hydraulic connections (12 cm) from the wall.

innovative LCD display**easiness of use****wide range of models**

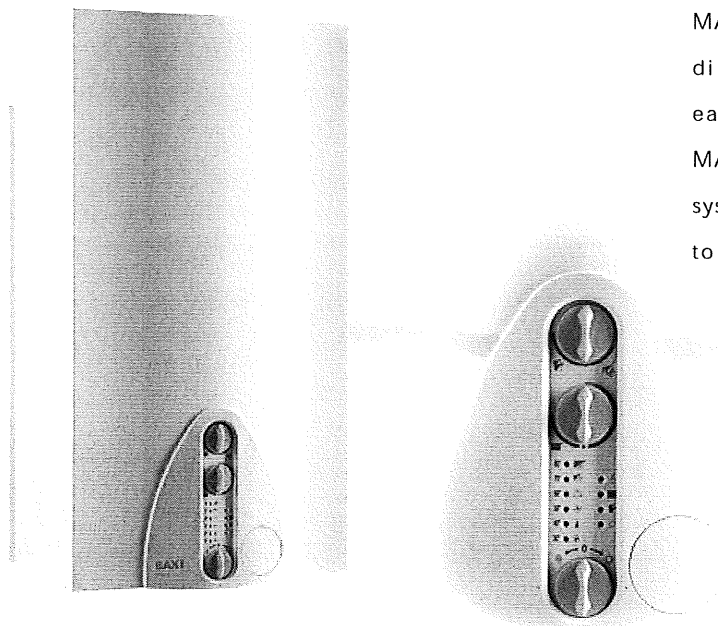
- Full anti-frost option
- Built-in electric 3 port valve (combi models)
- DHW stainless steel plates exchanger
- Brass made hydraulic group
- Outdoor probe option
- Two heating temperature possible ranges: 30-85°C and 30-45°C
- Electronic gradual ignition and flame modulation
- Electronic temperatures control by two NTC probes
- System to prevent pump and electric 3 port valve sticking operating every 24 hours

	COMBI		HEATING ONLY				
	FANNED FLUE	OPEN FLUE	FANNED FLUE		OPEN FLUE		
	ECO ³ 240 Fi	ECO ³ 240 i	ECO ³ 1.240 Fi	ECO ³ 1.140 Fi	ECO ³ 1.240 i	ECO ³ 1.140 i	
Maximum input (Nominal)	kW	26,3	26,3	26,3	15,4	26,3	15,4
Minimum heat input	kW	10,6	10,6	10,6	7	10,6	7
Maximum heat output (Nominal)	kW	24	24	24	14	24	14
Minimum heat output	kW	9,3	9,3	9,3	6	9,3	6
Maximum efficiency (Nominal)	%	91,2	91,2	91,2	91,2	91,2	91,2
Efficiency at 30% capacity	%	88,7	88	88,7	88,7	88	88
Sealed combustion chamber		•	-	•	•	-	-
Expansion vessel	l/bar	8/0,5	7/0,5	8/0,5	8/0,5	7/0,5	7/0,5
Heating system max pressure	bar			3			
Regulation of water temperature in heating circuit	°C	30/80	30/80	30/80	30/80-30/45	30/80	30/85-30/45
Regulation of water temperature in DHW circuit	°C	35/55	35/55	-	5/65	-	5/65
Combustion domestic hot water production ΔT 25°C	l/min	13,7	13,7	-	-	-	-
Combustion domestic hot water production ΔT 35°C	l/min	9,8	9,8	-	-	-	-
Minimum capacity DHW flow rate	l/min	2,5	2,5	-	-	-	-
Minimum pressure on DHW system	bar	0,2	0,2	-	-	-	-
Maximum pressure on DHW circuit	bar	8	8	-	-	-	-
Dimensions: height	mm	730	730	730	730	730	730
width	mm	400	400	400	400	400	400
depth	mm	317	317	317	317	317	317
Flue tube	Ø mm	-	120	-	-	120	120
Coaxial/dual flue tube	Ø mm	60-100/80	-	60-100/80	60-100/80	-	-
Gas type		Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG
Grade of protection		IPX4D	IPX4D	IPX4D	IPX4D	IPX4D	IPX4D

BAXI GAS WALL HUNG BOILERS

MAIN

Ultra compact dimensions



MAIN is distinguished by the ultra compact dimensions (only 32 x 40 x 73 cm), ease of installation and smart design. MAIN is supplied with antiscala electronic system and a special control panel enabling to detect the main boiler's anomalies.

compact size
antiscala electronic system
easy self-check

- New flue system for a further space saving (45° flue outlet)
- Electronic gradual ignition and flame modulation
- Antiscala electronic system / anti-frost device
- Special control panel to easily detect boiler's anomalies
- Independent heating / DHW temperature regulation
- Bi-thermal rapid heat exchanger
- Air control patented AFR system
- System to prevent pump sticking operating every 24 hours

	FANNED FLUE		OPEN FLUE	
		Main 24Fi		Main 24i
Maximum heat input (Nominal)	kW	26,3		26,3
Minimum heat input	kW	10,6		10,6
Maximum heat output (Nominal)	kW	24		24
Minimum heat output	kW	9,3		9,3
Maximum efficiency (Nominal)	%	91,1		90,6
Efficiency at 30% capacity	%	88,7		88
Expansion vessel	l/bar	8/0,5		7/0,5
Heating system max pressure	bar	3		3
Regulation of water temperature in DHW circuit	°C	35/55		35/55
Continuous domestic hot water production ΔT 25°C	l/min	13,7		13,7
Continuous domestic hot water production ΔT 35°C	l/min	9,8		9,8
Minimum capacity DHW flow rate	l/min	2,5		2,5
Minimum pressure on DHW system	bar	0,2		0,2
Maximum pressure on DHW circuit	bar	8		8
Dimensions (h x w x d)	mm	730x400x317		730x400x317
Flue tube	Ø mm	-		120
Coaxial / dual flue tube	Ø mm	60-100/80		-
Gas type		Methane/LPG		Methane/LPG
Grade of protection		IPX4D		IPX4D

BAXI

NUVOLA

Best in class in hot water



The ideal solution for any domestic hot water needs:

Nuvola, BAXI gas storage boiler.

Thanks to the 60 lt stainless steel AISI 316L cylinder,

NUVOLA can deliver large amounts of hot water,

without waiting time.

450 lt in 30'

immediate hot water

innovative electronics

- Electronic gradual ignition and flame modulation
- Patented AFR system (Nuvola Fi)
- Electric 3 port diverter valve
- Remote controller BAXI by Siemens option
- Two heating temperature possible ranges: 30/85°C, 30/45°C
- Outdoor probe / DHW - mode timer option
- System to prevent pump / diverter valve sticking operating every 24 hours
- Full anti-frost device
- 10 led temperature / status / fault diagnosis display

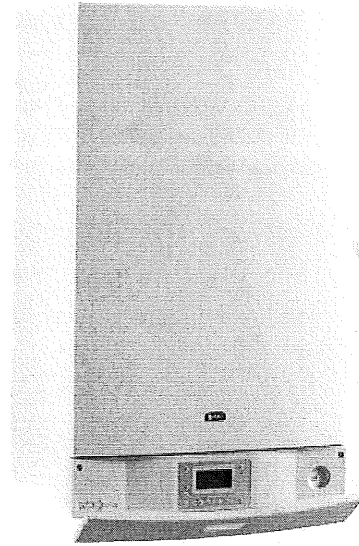
		FANNED FLUE		OPEN FLUE	
		NUVOLA 280Fi	NUVOLA 240Fi	NUVOLA 280i	NUVOLA 240i
Maximum heat input (Nominal)	kW	31,1	27,1	31,1	27,1
Minimum heat input	kW	11,9	11,9	11,9	11,9
Maximum heat output (Nominal)	kW	28	24,4	28	24,4
Minimum heat output	kW	10,4	10,4	10,4	10,4
Maximum efficiency (Nominal)	%	90,6	90	90,6	90,2
Efficiency at 30% capacity	%	87,9	87,8	88,1	87,9
Min. working temperature with anti-frost device	°C	-4	-4	-4	-4
Expansion vessel	l/bar	7,5/0,5	7,5/0,5	7,5/0,5	7,5/0,5
Heating system maximum pressure	bar	3	3	3	3
Regulation of water temperature in the cylinder	°C	5/60	5/60	5/60	5/60
Specific flow*	l/min	19	18,2	19	18,2
Cylinder recovery maximum time	min	4	6	4	6
Maximum pressure on DHW circuit	bar	8	8	8	8
Dimensions (h x w x d)	mm	950x600x466	950x600x466	950x600x466	950x600x466
Coaxial / dual flue tube	Ø mm	60-100/80	60-100/80	140	140
Gas type		Methane / LPG	Methane / LPG	Methane / LPG	Methane / LPG
Grade of protection		IPX5D	IPX5D	IPX5D	IPX5D

Available also in LPG version

*according to EN 625

BAXI HIGH EFFICIENCY GAS WALL HUNG BOILERS

LUNA HT *Wide range of high efficiency boilers:
the top in stainless steel*



The result of a great experience combined with innovative technologies: Baxi condensing range represents the effective solution for heating and domestic hot water production with solutions from 12 to 65 kW.

LUNA HT offers very high performances (up to 65 kW), lower consumption, lower emissions. NUVOLA HT, with peerless performances (33 kW) and high average efficiency can deliver large amounts of hot sanitary water (500 lt in 30' ΔT 30°C).

LUNA HT MODULO: the right choice for larger demand of DHW (550 lt in 30'); heating only boiler connected to 80 lt indirect cylinder.

high efficiency and low polluting	wide range from 12 to 65 kW	double CPU microprocessor
--	--	--------------------------------------

- Stainless steel AISI 316L premixing burner / exchanger / DHW cylinder (Nuvola HT)
- Electronic gradual ignition and flame modulation
- Electric 3 port diverter valve*
- Remote controller BAXI by Siemens option / outdoor probe option
- Digital boiler programming, setting and control / double CPU microprocessor
- System to prevent diverter valve* and pump sticking operating every 24 hours
- Full anti-frost device
- Heating temperature possible ranges: from 25 to 80°C
- Installation with mixing valve option / cascade system installation option

*Luna HT up to 33 kW

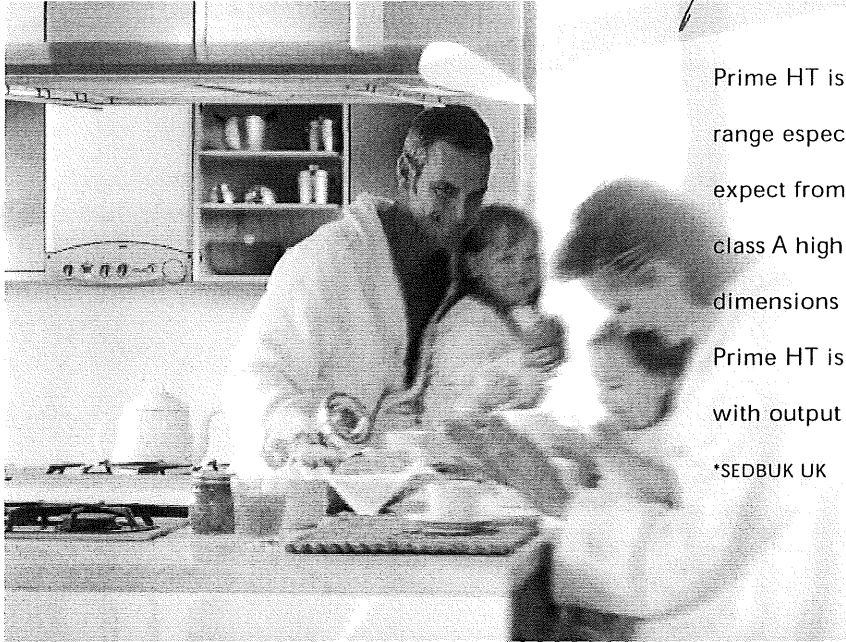
		COMBI		HEATING ONLY						COMBI WITH STORAGE
		LUNA HT 330	LUNA HT 280	LUNA HT 1.650	LUNA HT 1.550	LUNA HT 1.450	LUNA HT 1.280	LUNA HT 1.240	LUNA HT 1.120	NUVOLA HT 330
Maximum DHW heat input	kW	34	28,9	-	-	-	-	-	-	34
Maximum heating heat input	kW	28,9	24,7	67	56,7	46,4	28,9	24,7	12,4	28,9
Maximum DHW heat output	kW	33	28	-	-	-	-	-	-	33
Maximum heating heat output 75/60°C	kW	28	24	-	-	-	28	24	12	28
Maximum heating heat output 50/30°C	kW	30,3	25,9	70,3	59,5	48,7	30,3	25,9	13	30,3
Minimum heat output 75/60°C	kW	9,4	8,7	19,3	15,5	14,5	9,4	6,8	3,9	9,4
Minimum heat output 50/30°C	kW	10,2	9,5	21,0	16,8	15,8	10,2	7,4	4,2	10,2
Energetic efficiency (Dir CE/92/42)		★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
NOx class (EN 483)						5				
Expansion vessel	l/bar	10/0,5	8/0,5	-	-	-	10/0,5	8/0,5	8/0,5	7,5/0,5
Maximum pressure on heating circuit	bar					3				
Continuous DHW production ΔT 25°C	l/min	19	16	-	-	-	-	-	-	19*
Maximum pressure DHW circuit	bar	8	8	-	-	-	-	-	-	8
Dimensions (h x w x d)	mm	760x450x345	760x450x345	950x600x466	950x600x466	950x600x466	760x450x345	760x450x345	760x450x345	950x600x466
Coaxial/dual flue tube	Ø mm	60-100/80	60-100/80	80-125/80	80-125/80	80-125/80	60-100/80	60-100/80	60-100/80	60-100/80/60
Gas type		Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG
Grade of protection		IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D

*Without flow restrictor

BAXI

PRIME HT

*Highest efficiency, maximum
in comfort and easiest in use*



Prime HT is the new Baxi wall hung condensing range especially designed to offer all you can expect from a condensing boiler ensuring: class A high efficiency*, easiness of use, compact dimensions (760 x 450 x 345).

Prime HT is available in a wide range of models with output up to 33 kW.

*SEDBUK UK

high efficiency class A*

environmentally friendly

low noise level

- Stainless steel heat exchanger with sound proofing external casing
- Pre-mixing group including modulating fan
- Electric 3 port valve for all models
- Innovative electronics / remote controller / outdoor probe option
- User friendly control panel / digital display
- System to prevent pump sticking operating every 24 hours
- Full anti-frost device

		COMBI		COMBI WITH STORAGE	HEATING ONLY		
		PRIME HT 330	PRIME HT 280	PRIME STORAGE HT 240	PRIME HT 1.280	PRIME HT 1.240	PRIME HT 1.120
Maximum DHW heat output	kW	33	28	24	-	-	-
Maximum heating heat output 75/60°C	kW	28	24	24	28	24	12
Maximum heating heat output 50/30°C	kW	30,3	25,9	25,9	30,3	25,9	13
Minimum heat output 75/60°C	kW	9,4	8,7	6,8	9,4	6,8	3,9
Minimum heat output 50/30°C	kW	10,2	9,5	7,4	10,2	7,4	4,2
Energetic efficiency (Dir CE/92/42)		★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Nominal efficiency (40/30°C) DIR CE/92/42	%	107,3	107,5	107,5	107,3	107,5	107,5
Average efficiency (DIN 4702-T8)	%	109,8	109,8	109,8	109,8	109,8	109,8
Expansion vessel	l/bar	10/0,5	8/0,5	7,5/0,5	10/0,5	8/0,5	8/0,5
Maximum pressure on heating circuit	bar	3					
Heating circuit temperature range	°C	25/80	25/80	25/80	25/80	25/80	25/80
Domestic hot water temperature range	°C	35/60	35/60	10/60	-	-	-
Cylinder capacity	l	-	-	45	-	-	-
Continuous DHW production ΔT 25°C	l/min	19	16	13,8**	-	-	-
DHW production ΔT 30°C	l/30'	-	-	380	550/600*	420/460*	250/290*
Maximum pressure DHW circuit	bar	8	8	8	-	-	-
Cylinder recovery maximum time		-	-	6	-	-	-
Coaxial flue system Ø 60/100 max length	m	10					
Dual flue system Ø 80 max length	m	80					
Dimensions (h x w x d)	mm	760x450x345	760x450x345	950x600x466	760x450x345	760x450x345	760x450x345
Maximum flue mass flow rate	kg/s	0,014	0,016	0,012	0,006	0,012	0,014
Minimum flue mass flow rate	kg/s	0,004	0,005	0,003	0,002	0,003	0,005
Maximum flue temperature	°C	75	75	73	73	73	75
NOx class		5					
Gas type		Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG
Grade of protection		IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D

* with 80/120lt cylinder - **without flow restrictor



BAXI ELECTRIC BOILERS

AMPTEC

*The alternative central heating
Amptec electric boiler*



Amptec electric boiler can be installed where there is no gas supply and wherever there is mains electricity.

It is sized to efficiently meet a wide range of different needs, with outputs from 4 to 12 kW designed to match the rating of existing domestic electrical supplies. For higher outputs, Amptec boilers can be installed in cascade to meet greater demands.

powerful and high efficient

small and light

clean and environmentally friendly

- Compact and linear design
- 99,8% efficiency
- Simple installation: no flue required
- On-board micro energy management system
- Silent in operation

- Re-settable thermal safety cut out
- Variable temperature output between 65°C and 80°C
- Available also underfloor models

		C400/U401	C600/U601	C800/U801	C1100/U1101	C1200/U1201
Maximum heat output	kW	4	6	9	11	12
Efficiency	%	99,8	99,8	99,8	99,8	99,8
Standard heating model output temperature	°C	65-80	65-80	65-80	65-80	65-80
Underfloor heating model output temperature	°C	30-60	30-60	30-60	30-60	30-60
Dimensions	height	mm	1050	1050	1050	1050
	width	mm	90	90	90	90
	depth	mm	90	90	90	90
Net weight empty	kg	9	9	9	9	9