

## Product Information

as required by EU regulations No 811/2013 and No 813/2013

### Product Fiche (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	<i>BAXI</i>				
(b) Supplier's model identifier	<i>Luna Classic 24 INT-A</i>				
(c) Space heating: medium temperature application	<i>1</i>	Water heating: declared load profile			<i>XL</i>
(d) Seasonal space heating energy efficiency class	<i>A</i>	Water heating energy efficiency class			<i>A</i>
(e) Rated heat output, including the rated heat output of any supplementary heater	<i>20</i>	<i>kW</i>			
(f) Space heating: annual energy consumption	<i>16,945</i>	<i>kWh</i>	and/ or	<i>61</i>	<i>GJ</i>
Water heating: annual electricity and/ or fuel consumption	<i>33</i>	<i>kWh</i>	and/ or	<i>17</i>	<i>GJ</i>
(g) Seasonal space heating energy efficiency	<i>94</i>	<i>%</i>	water heating energy efficiency	<i>88</i>	<i>%</i>
(h) Sound power level, indoors	<i>49</i>	<i>dB(A)</i>			
(i) Combination heater is able to work only during off-peak hours	<i>no</i>				
(j) Specific precautions for assembly, installation and maintenance	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed				

**Product Information Requirements** (according to EU regulation No 813/2013)

Model	<i>Luna Classic 24 INT-A</i>		
Condensing boiler	<i>yes</i>		
Low-temperature (**) boiler	<i>no</i>		
B1 boiler	<i>no</i>		
Cogeneration space heater	<i>no</i>	If yes, equipped with a supplementary heater	
Combination heater	<i>yes</i>		

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
<b>Rated heat output</b>	$P_{rated}$	20	kW	<b>Seasonal space heating energy efficiency</b>	$\eta_s$	94	%
For boiler space heaters and boiler combination heaters: Useful heat output				For boiler space heaters and boiler combination heaters: Useful efficiency			
At rated heat output and high-temperature regime (*)	$P_4$	20	kW	At rated heat output and high-temperature regime (*)	$\eta_4$	88.2	%
At 30 % of rated heat output and low-temperature regime (**)	$P_1$	6.7	kW	At 30 % of rated heat output and low-temperature regime (**)	$\eta_1$	99	%
<b>Auxiliary electricity consumption</b>				<b>Supplementary heater</b>			
At full load	$el_{max}$	0.027	kW	Rated heat output	$P_{sup}$	0	kW
At part load	$el_{min}$	0.012	kW	Type of energy input			
In standby mode	$P_{SB}$	0.004	kW	<b>Other items</b>			
				Standby heat loss	$P_{stby}$	0.04	kW
				Ignition burner power consumption	$P_{ign}$	0	kW
				Emission of nitrogen oxides	$NO_x$	32	mg/kWh

Item	Symbol	Value	Unit
<b>Rated heat output</b>	$P_{rated}$	20	kW
For boiler space heaters and boiler combination heaters: Useful heat output			
At rated heat output and high-temperature regime (*)	$P_4$	20	kW
At 30 % of rated heat output and low-temperature regime (**)	$P_1$	6.7	kW
<b>Auxiliary electricity consumption</b>			
At full load	$el_{max}$	0.027	kW
At part load	$el_{min}$	0.012	kW
In standby mode	$P_{SB}$	0.004	kW

Item	Symbol	Value	Unit
<b>Seasonal space heating energy efficiency</b>	$\eta_s$	94	%
For boiler space heaters and boiler combination heaters: Useful efficiency			
At rated heat output and high-temperature regime (*)	$\eta_4$	88.2	%
At 30 % of rated heat output and low-temperature regime (**)	$\eta_1$	99	%
<b>Supplementary heater</b>			
Rated heat output	$P_{sup}$	0	kW
Type of energy input			
<b>Other items</b>			
Standby heat loss	$P_{stby}$	0.04	kW
Ignition burner power consumption	$P_{ign}$	0	kW
Emission of nitrogen oxides	$NO_x$	32	mg/kWh

**For combination heaters:**

<b>Declared load profile</b>	XL		
Daily electricity consumption	$Q_{elec}$	0.152	kWh

<b>water heating energy efficiency</b>	$\eta_{wh}$	88	%
Daily fuel consumption	$Q_{fuel}$	21.82	kWh

Contact details	BAXI, BAXI
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(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

**Specific precautions that shall be taken when the space heater is assembled, installed or maintained/ information relevant for disassembly, recycling and/or disposal at end-of-life**

Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

**For type B1 boiler and type B1 combination boiler:**

This natural draught boiler is intended to be connected only to a flue shared between multiple dwellings in existing buildings that evacuates the residues of combustion to the outside of the room containing the boiler. It draws the combustion air directly from the room and incorporates a draught diverter. Due to lower efficiency, any other use of this boiler shall be avoided and would result in higher energy consumption and higher operating costs.