

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>Baxi 424 Combi</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>24</i>	<i>kW</i>			
(f) Space heating: annual energy consumption	<i>20,556</i>	<i>kWh</i>	and/ or	<i>74</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>93</i>	<i>%</i>	water heating energy efficiency	<i>85</i>	<i>%</i>
(h) Sound power level, indoors	<i>50</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>Baxi 424 Combi</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
Rated heat output	P_{rated}	24	kW	Seasonal space heating energy efficiency	η_s	93	%
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	24	kW	At rated heat output and high-temperature regime (*)	η_4	88	%
At 30 % of rated heat output and low-temperature regime (**)	P_1	8	kW	At 30 % of rated heat output and low-temperature regime (**)	η_1	97.8	%

Auxiliary electricity consumption			
At full load	e_{lmax}	0.038	kW
At part load	e_{lmin}	0.011	kW
In standby mode	P_{SB}	0.003	kW

Supplementary heater			
Rated heat output	P_{sup}	0	kW
Type of energy input			

Other items			
Standby heat loss	P_{stby}	0.04	kW
Ignition burner power consumption	P_{ign}	0	kW
Emission of nitrogen oxides	NO_x	40	mg/kWh

For combination heaters:

Declared load profile	XL		
Daily electricity consumption	Q_{elec}	0.151	kWh

water heating energy efficiency	η_{wh}	85	%
Daily fuel consumption	Q_{fuel}	22.93	kWh

Contact details	Baxi, Brooks House, Coventry Road, Warwick, CV34 4LL
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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.

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Supplementary heater				Supplementary heater			
Rated heat output				P_{sup}	0	kW	
Type of energy input							

Auxiliary electricity consumption				Other items			
At full load	e_{lmax}	0.038	kW	Standby heat loss	P_{stby}	0.04	kW
At part load	e_{lmin}	0.011	kW	Ignition burner power consumption	P_{ign}	0	kW
In standby mode	P_{SB}	0.003	kW	Emission of nitrogen oxides	NO_x	40	mg/kWh

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(b) Supplier's model identifier	<i>Baxi 424 Combi</i>	
(c) Class of the temperature control		
(d) Contribution of the temperature control to the seasonal space heating energy efficiency	0	%

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