

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 624 Combi</i>				
(c) Space heating: medium temperature application	0	Water heating: declared load profile			XL
(d) Seasonal space heating energy efficiency class	A	Water heating energy efficiency class			A
(e) Rated heat output, including the rated heat output of any supplementary heater	20	kW			
(f) Space heating: annual energy consumption	17,222	kWh	and/ or	62	GJ
Water heating: annual electricity and/ or fuel consumption	40	kWh	and/ or	17	GJ
(g) Seasonal space heating energy efficiency	93	%	water heating energy efficiency	86	%
(h) Sound power level, indoors	50	dB(A)			
(i) Combination heater is able to work only during off-peak hours	no				
(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 624 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}	20	<i>kW</i>	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	20	<i>kW</i>	At rated heat output and high-temperature regime (*)	η_4	88	%
At 30 % of rated heat output and low-temperature regime (**)	P_1	6.7	<i>kW</i>	At 30 % of rated heat output and low-temperature regime (**)	η_1	97.8	%
Supplementary heater				Supplementary heater			
Rated heat output				P_{sup}	0	<i>kW</i>	
Type of energy input							

Auxiliary electricity consumption			
At full load	e_{lmax}	0.028	<i>kW</i>
At part load	e_{lmin}	0.015	<i>kW</i>
In standby mode	P_{SB}	0.003	<i>kW</i>

Other items			
Standby heat loss	P_{stby}	0.04	<i>kW</i>
Ignition burner power consumption	P_{ign}	0	<i>kW</i>
Emission of nitrogen oxides	NO_x	30	<i>mg/kWh</i>

For combination heaters:

Declared load profile	<i>XL</i>		
Daily electricity consumption	Q_{elec}	0.181	<i>kWh</i>

water heating energy efficiency	η_{wh}	86	%
Daily fuel consumption	Q_{fuel}	22.652	<i>kWh</i>

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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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 630 Combi</i>				
(c) Space heating: medium temperature application	0	Water heating: declared load profile			XL
(d) Seasonal space heating energy efficiency class	A	Water heating energy efficiency class			A
(e) Rated heat output, including the rated heat output of any supplementary heater	20	kW			
(f) Space heating: annual energy consumption	17,222	kWh	and/ or	62	GJ
Water heating: annual electricity and/ or fuel consumption	44	kWh	and/ or	17	GJ
(g) Seasonal space heating energy efficiency	93	%	water heating energy efficiency	85	%
(h) Sound power level, indoors	50	dB(A)			
(i) Combination heater is able to work only during off-peak hours	no				
(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 630 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}	20	<i>kW</i>	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	20	<i>kW</i>	At rated heat output and high-temperature regime (*)	η_4	88	%
At 30 % of rated heat output and low-temperature regime (**)	P_1	6.7	<i>kW</i>	At 30 % of rated heat output and low-temperature regime (**)	η_1	97.8	%

Auxiliary electricity consumption			
At full load	e_{lmax}	0.038	<i>kW</i>
At part load	e_{lmin}	0.015	<i>kW</i>
In standby mode	P_{SB}	0.003	<i>kW</i>

Supplementary heater			
Rated heat output	P_{sup}	0	<i>kW</i>
Type of energy input			

Other items			
Standby heat loss	P_{stby}	0.04	<i>kW</i>
Ignition burner power consumption	P_{ign}	0	<i>kW</i>
Emission of nitrogen oxides	NO_x	28	<i>mg/kWh</i>

For combination heaters:

Declared load profile	<i>XL</i>		
Daily electricity consumption	Q_{elec}	0.198	<i>kWh</i>

water heating energy efficiency	η_{wh}	85	%
Daily fuel consumption	Q_{fuel}	22.799	<i>kWh</i>

Contact details	Baxi, Brooks House, Coventry Road, Warwick, CV34 4LL
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(**) 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

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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.