12 Appendix

Product fiche - Combination bollers 12.1

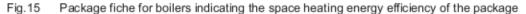
Tab.11 Product fiche for combination boilers

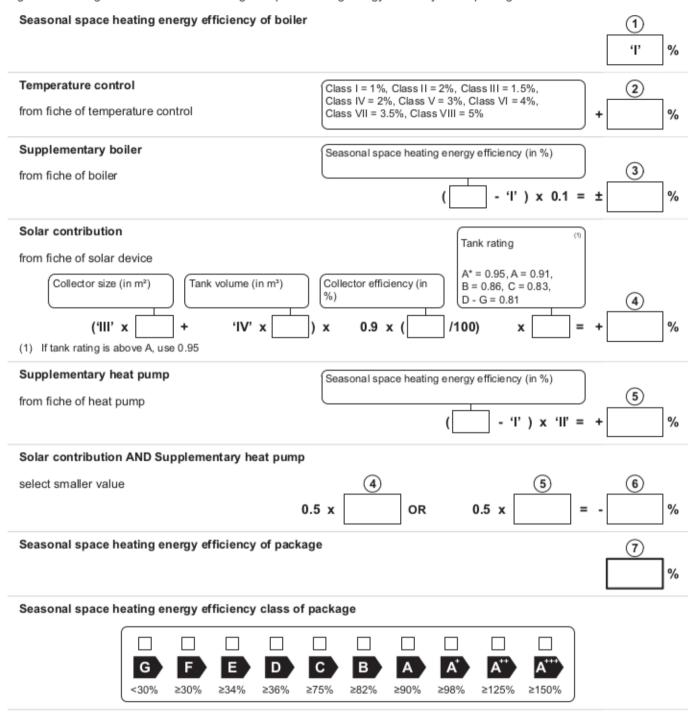
Baxi 600 Combi		624	630	636
Space heating - Temperature application		Medium	Medium	Medium
Water heating - Declared load profile		XL	XL	XL
Seasonal space heating energy efficiency class		Α	Α	А
Water heating energy efficiency class		Α	Α	Α
Rated heat output (Prated or Psup)	kW	20	20	25
Space heating - Annual energy consumption	GJ	62	62	77
Water heating - Annual energy consumption	kWh ⁽¹⁾	42	43	43
	GJ ⁽²⁾	16	17	17
Seasonal space heating energy efficiency	%	93	93	93
Water heating energy efficiency	%	90	89	89
Sound power level L _{WA} indoors	dB	48	48	51
(1) Electricity (2) Fuel		•		



For specific precautions about assembling, installing and maintaining: Safety, page 5

12.2 Package fiche - boilers





Boiler and supplementary heat pump installed with low temperature heat emitters at 35°C?

from fiche of heat pump

The energy efficiency of the package of products provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as this efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.

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- The value of the seasonal space heating energy efficiency of the preferential space heater, expressed in %.
- The factor for weighting the heat output of preferential and supplementary heaters of a package as set out in the following table.
- The value of the mathematical expression: 294/(11 · Prated), whereby 'Prated' is related to the preferential space heater.
- The value of the mathematical expression 115/(11 · Prated), whereby 'Prated' is related to the preferential space heater.

Tab.12 Weighting of boilers

Psup / (Prated + Psup)(1)(2)	II, package without hot water storage tank	II, package with hot water storage tank
0	0	0
0.1	0.3	0.37
0.2	0.55	0.70
0.3	0.75	0.85
0.4	0.85	0.94
0.5	0.95	0.98
0.6	0.98	1.00
≥ 0.7	1.00	1.00

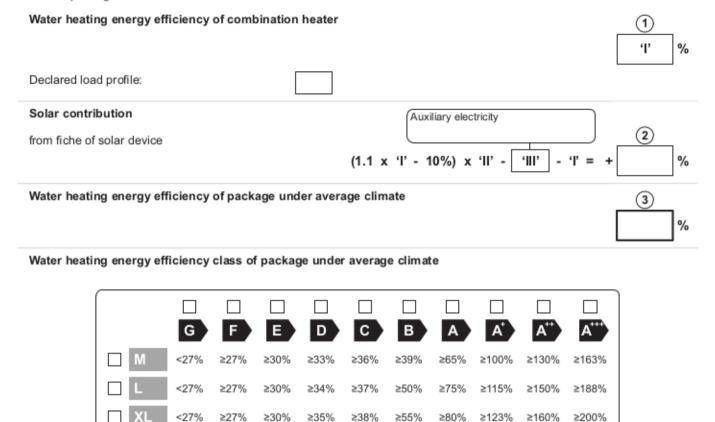
- (1) The intermediate values are calculated by linear interpolation between the two adjacent values.
- (2) Prated is related to the preferential space heater or combination heater.

Tab.13 Package efficiency

Baxi Combi		624	630	636
Temperature control X	%			
Temperature control Y	%			

12.3 Package fiche - Combination heaters (boilers or heat pumps

Fig. 16 Package fiche for combination heaters (boilers or heat pumps) indicating the water heating energy efficiency of the package



Water heating energy efficiency under colder and warmer climate conditions

≥32%

≥28%

<28%

The energy efficiency of the package of products provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as this efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.

≥36%

≥40%

≥60%

≥85%

≥131%

≥213%

≥170%

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- The value of the water heating energy efficiency of the combination heater, expressed in %.
- The value of the mathematical expression (220 · Q_{ref})/Q_{nonsol}, where Q_{ref} is taken from Regulation EU 811/2013, Annex VII Table 15 and Q_{nonsol} from the product fiche of the solar device for the declared load profile M. L. XL or XXL of the combination heater.
- The value of the mathematical expression (Q_{aux} · 2,5)/(220 · Q_{ref}), expressed in %, where Q_{aux} is taken from the product fiche of the solar device and Q_{ref} from Regulation EU 811/2013, Annex VII Table 15 for the declared load profile M, L, XL or XXL.