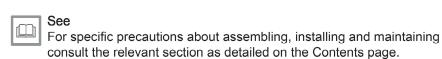
14 Appendix

14.1 **Product fiche - Combination boilers**

Product fiche for boiler space heaters

Baxi 600 System 2		615	618	624
Seasonal space heating energy efficiency class		Α	Α	Α
Rated heat output (Prated or Psup)	kW			
Seasonal space heating energy efficiency	%			
Annual energy consumption	kWh GJ			
Sound power level L _{WA} indoors	dB			



14.2 Package fiche - boilers

Package fiche for boilers indicating the space heating energy efficiency of the package Seasonal space heating energy efficiency of boiler % Temperature control Class I = 1%, Class II = 2%, Class III = 1.5%, Class IV = 2%, Class V = 3%, Class VI = 4%, from fiche of temperature control Class VII = 3.5%, Class VIII = 5% % Supplementary boiler Seasonal space heating energy efficiency (in %) (3)from fiche of boiler '1') x 0.1 = % Solar contribution (1) Tank rating from fiche of solar device $A^* = 0.95, A = 0.91,$ Collector size (in m²) Collector efficiency (in Tank volume (in m³) B = 0.86, C = 0.83,%) D - G = 0.810.9 x /100) % (1) If tank rating is above A, use 0.95 Supplementary heat pump Seasonal space heating energy efficiency (in %) **(5)** from fiche of heat pump % 'I') x 'II' = Solar contribution AND Supplementary heat pump **(5**) select smaller value % Seasonal space heating energy efficiency of package Seasonal space heating energy efficiency class of package C В ≥125% <30% ≥30% ≥34% ≥36% ≥75% ≥82% ≥90% ≥98% ≥150% 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.

- II The factor for weighting the heat output of preferential and supple IV mentary heaters of a package as set out in the following table.
- III The value of the mathematical expression: 294/(11 · Prated), whereby 'Prated' is related to the preferential space heater.

 $+ (50 \times 'II') =$

%

The value of the mathematical expression 115/(11 Prated), whereby 'Prated' is related to the preferential space heater.

¹ The value of the seasonal space heating energy efficiency of the preferential space heater, expressed in %.

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.

Package efficiency

Baxi 600 System 2		615	618	624
Temperature control X	%			
Temperature control Y	%			

