Appendix 13

13.1 ErP Information

13.1.1. Product Fiche - Boiler Space Heaters

Product fiche for boiler space heaters

Baxi 600 Heat		613	616	619	625	630
Seasonal space heating energy efficiency class		Α	Α	A	Α	A
Rated heat output (Prated or Psup)	kW	13	16	19	25	30
Seasonal space heating energy efficiency	%	93	93	93	93	93
Annual energy consumption	kWh	11183	13764	16344	21506	25807
	GJ	40	50	59	77	93
Sound power level L _{WA} indoors	dB	37	39	41	45	49



See

For specific precautions about assembling, installing and maintaining, consult the relevant section as detailed on the Contents page.

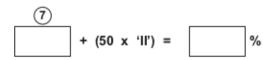
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13.1.2. Package Fiche - Boilers

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 Tank rating from fiche of solar device $A^* = 0.95, A = 0.91,$ Collector size (in m2) Tank volume (in m3) Collector efficiency (in B = 0.86, C = 0.83, D - G = 0.81('III' x 'IV' x /100) х 0.9 x (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) x 'll' % Solar contribution AND Supplementary heat pump (6 select smaller value 5 0.5 x OR 0.5 xSeasonal space heating energy efficiency of package 7 % Seasonal space heating energy efficiency class of package <30% ≥30% ≥34% ≥36% ≥75% ≥82% ≥90% ≥98% ≥125% ≥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.

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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 supple mentary heaters of a package as set out in the following table.

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13.1.2. Package Fiche - Boilers (cont)

- 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.

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 Heat		613	616	619	625	630
Temperature control X	%					
Temperature control Y	%					

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