Product fiche for boiler space heaters

Baxi Platinum+ 32 System		
Seasonal space heating energy efficiency class		A
Rated heat output *(Prated or Psup)*	kW	32
Seasonal space heating energy efficiency	%	92
Annual energy consumption	kWh GJ	27778 100
Sound power level L_{WA} indoors	dB	54

Package fiche for boilers indicating the space heating energy efficiency of the package

Seasonal space heating energy efficiency of boiler

(1) ‘I’ ____ %

Temperature control

from fiche of temperature control

Class I = 1%, Class II = 2%, Class III = 1.5%, Class IV = 2%, Class V = 3%, Class VI = 4%, Class VII = 3.5%, Class VIII = 5%

(2) + ____ %

Supplementary boiler

from fiche of boiler

Seasonal space heating energy efficiency (in %)

(3) (____ - ‘I’) x 0.1 = ± ____ %

Solar contribution

from fiche of solar device

Collector size (in m²) | Tank volume (in m³) | Collector efficiency (in %) | Tank rating (1): A* = 0.95, A = 0.91, B = 0.86, C = 0.83, D - G = 0.81

(4) (‘III’ x ____ + ‘IV’ x ____) x 0.9 x (____ /100) x ____ = + ____ %

(1) If tank rating is above A, use 0.95

Supplementary heat pump

from fiche of heat pump

Seasonal space heating energy efficiency (in %)

(5) (____ - ‘I’) x ‘II’ = + ____ %

Solar contribution AND Supplementary heat pump

select smaller value

(4) 0.5 x ____ OR (5) 0.5 x ____ = - (6) ____ %

Seasonal space heating energy efficiency of package

(7) ____ %

Seasonal space heating energy efficiency class of package

G	F	E	D	C	B	A	A+	A++	A+++
<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

(7) ____ + (50 x ‘II’) = ____ %

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.

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

II The factor for weighting the heat output of preferential and supple 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.

IV 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 Platinum+ 32 System		
Temperature control X	%	
Temperature control Y	%	