

## 14 Appendix

### 14.1 Product fiche - Combination boilers

Product fiche for boiler space heaters

<b>Baxi 600 System 2</b>		<b>615</b>	<b>618</b>	<b>624</b>
Seasonal space heating energy efficiency class		<b>A</b>	<b>A</b>	<b>A</b>
Rated heat output ( <i>Prated or Psup</i> )	kW			
Seasonal space heating energy efficiency	%			
Annual energy consumption	kWh GJ			
Sound power level $L_{WA}$ indoors	dB			



#### See

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

## 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

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  
 $(\text{ } - \text{'I'}) \times 0.1 = \pm \text{ } \%$

### Solar contribution

from fiche of solar device

Collector size (in m<sup>2</sup>)

Tank volume (in m<sup>3</sup>)

Collector efficiency (in %)

Tank rating <sup>(1)</sup>  
 A\* = 0.95, A = 0.91,  
 B = 0.86, C = 0.83,  
 D - G = 0.81

$(\text{'III'} \times \text{ } + \text{'IV'} \times \text{ }) \times 0.9 \times (\text{ } / 100) \times \text{ } = + \text{ } \%$

(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  
 $(\text{ } - \text{'I'}) \times \text{'II'} = + \text{ } \%$

### Solar contribution AND Supplementary heat pump

select smaller value

④      ⑤  
 $0.5 \times \text{ } \text{ OR } 0.5 \times \text{ } = - \text{ } \%$

### Seasonal space heating energy efficiency of package

⑦  
 %

### Seasonal space heating energy efficiency class of package

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>G</b>	<b>F</b>	<b>E</b>	<b>D</b>	<b>C</b>	<b>B</b>	<b>A</b>	<b>A*</b>	<b>A**</b>	<b>A***</b>
<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  
 $\text{ } + (50 \times \text{'II'}) = \text{ } \%$

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 supplementary heaters of a package as set out in the following table.
- III The value of the mathematical expression:  $294 / (11 \cdot \text{Prated})$ , whereby 'Prated' is related to the preferential space heater.
- IV The value of the mathematical expression  $115 / (11 \cdot \text{Prated})$ , whereby 'Prated' is related to the preferential space heater.

## Weighting of boilers

$P_{sup} / (P_{rated} + P_{sup})^{(1)(2)}$	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
$\geq 0.7$	1.00	1.00
(1) The intermediate values are calculated by linear interpolation between the two adjacent values. (2) $P_{rated}$ is related to the preferential space heater or combination heater.		

## Package efficiency

<b>Baxi 600 System 2</b>		<b>615</b>	<b>618</b>	<b>624</b>
Temperature control X	%			
Temperature control Y	%			



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