

Seasonal space heating energy efficiency of heat pump

<sup>1</sup>  
128.0 %

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 %

<sup>2</sup>  
+ 2.0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

<sup>3</sup>  
( 0.0 - 'I' ) × 'II' = - 0.0 %

Solar contribution

From fiche of solar device

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

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

Collector efficiency  
(in %)

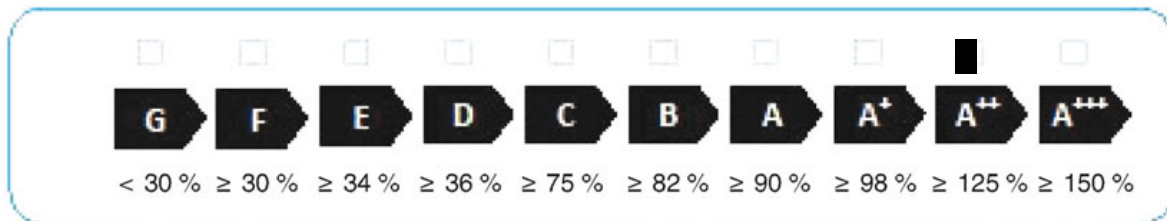
Tank rating  
A\* = 0,95, A = 0,91,  
B = 0,86, C = 0,83,  
D-G = 0,81

( 'III' × 3.6 + 'IV' × 0.294 ) × 0,45 × ( 61.0 / 100 ) × 0.86 = + 3.0 %  
<sup>4</sup>

Seasonal space heating energy efficiency of package under average climate

<sup>5</sup>  
133.0 %

Seasonal space heating energy efficiency class of package under average climate



Seasonal space heating energy efficiency under colder and warmer climate conditions

Colder: <sup>5</sup> 133.0 - 'V' = 115.0 %

Warmer: <sup>5</sup> 133.0 + 'VI' = 181.0 %

*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 the 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.*