

Seasonal space heating energy efficiency of boiler

91.0 %

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 %

+ 2.0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

( 0.0 - 'I' ) × 0,1 = ± 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' × 4.72 + 'IV' × 0.477 ) × 0,9 × ( 61.0 /100 ) × 0.86 = + 4.0 %

Supplementary heat pump

From fiche of heat pump

Seasonal space heating energy efficiency (in %)

( 0.0 - 'I' ) × 'II' = + 0.0 %

Solar contribution AND Supplementary heat pump

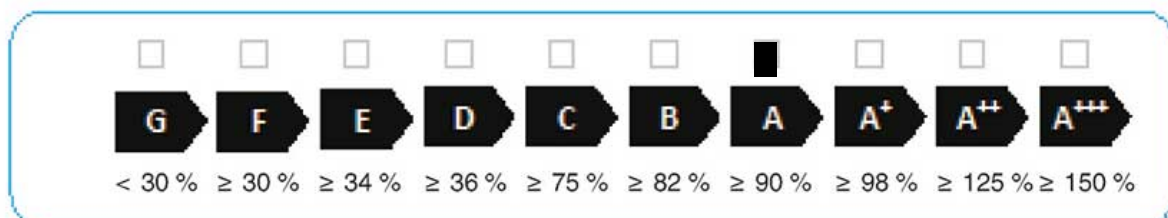
Select smaller value

0,5 × 4.0 OR 0,5 × 0.0 = - 0.0 %

Seasonal space heating energy efficiency of package

97.0 %

Seasonal space heating energy efficiency class of package



Boiler and supplementary heat pump installed with low temperature heat emitters at 35 °C?

From fiche of heat pump

97.0 + ( 50 × 'II' ) = 97.0 %

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.