

Seasonal space heating energy efficiency of boiler

92.0 %

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 m²)

Tank volume (in m³)

Collector efficiency (in %)

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

('III' × 9.44 + '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

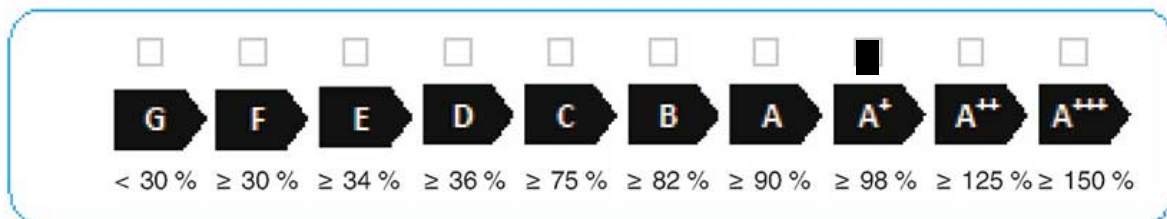
Select smaller value

0,5 × 4.0 OR 0,5 × 0.0 = - 0.0 %

Seasonal space heating energy efficiency of package

98.0 %

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

98.0 + (50 × 'II') = 98.0 %

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.