

Seasonal space heating energy efficiency of boiler

1
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
+ 2.0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

$$(0.0 - 'I') \times 0,1 = \pm 0.0 %$$

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

$$('III' \times 4.72 + 'IV' \times 0.477) \times 0,9 \times (61.0 / 100) \times 0.86 = + 4.0 %$$

Supplementary heat pump

From fiche of heat pump

Seasonal space heating energy efficiency (in %)

$$(0.0 - 'I') \times 'II' = + 0.0 %$$

Solar contribution AND Supplementary heat pump

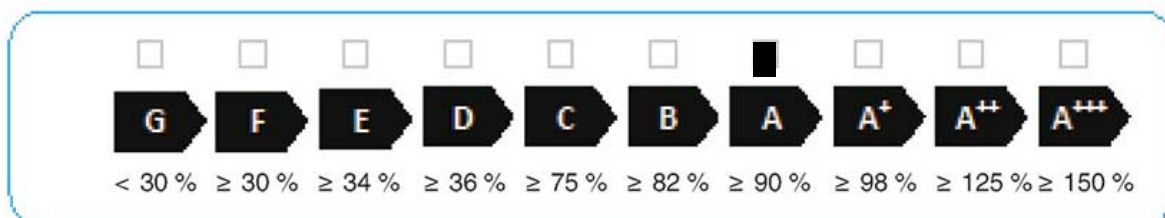
Select smaller value

$$0,5 \times 4.0 \text{ OR } 0,5 \times 0.0 = - 0.0 %$$

Seasonal space heating energy efficiency of package

7
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

$$97.0 + (50 \times 'II') = 97.0 %$$

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.