Seasonal space heating energy efficiency of boiler

1 **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 **2.0** %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(**0.0** − 'I') × 0,1 = ± 3 **0.0** %

Solar contribution

From fiche of solar device

Collector size (in m^2) | Tank volume (in m^3) | 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 **6.0** %

Supplementary heat pump

From fiche of heat pump

Seasonal space heating energy efficiency (in %)

(**0.0** − 'I') × 'II' = + 5 **0.0** %

Solar contribution AND Supplementary heat pump

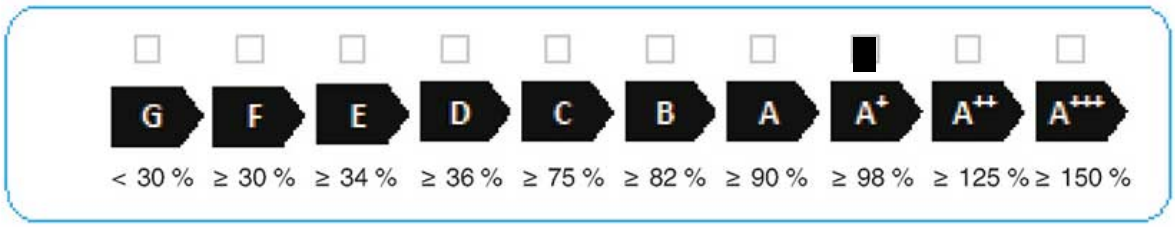
Select smaller value

0,5 × 4 **6.0** OR 0,5 × 5 **0.0** = - 6 **0.0** %

Seasonal space heating energy efficiency of package

7 **100.0** %

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

7 **100.0** + (50 × 'II') = **100.0** %

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.