





Seasonal space heating energy efficiency of boiler 1  %

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  %

Supplementary boiler  
From fiche of boiler

Seasonal space heating energy efficiency (in %)

$$(\text{input} - 'I') \times 0,1 = \pm \text{input} \%$$
3

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

$$('III' \times \text{input} + 'IV' \times \text{input}) \times 0,9 \times (\text{input} / 100) \times \text{input} = + \text{input} \%$$
4

Supplementary heat pump  
From fiche of heat pump

Seasonal space heating energy efficiency (in %)

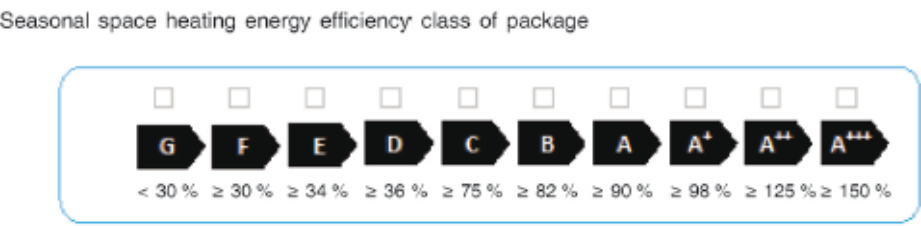
$$(\text{input} - 'I') \times 'II' = + \text{input} \%$$
5

Solar contribution AND Supplementary heat pump

Select smaller value  $0,5 \times \text{input} \text{ OR } 0,5 \times \text{input} = - \text{input} \%$

6

Seasonal space heating energy efficiency of package 7



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

From fiche of heat pump 7  + ( 50 × 'II' ) =  %

*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.*

|      | I    | II   | III  | IV   | V  | VI |
|------|------|------|------|------|----|----|
| 35°C | 178% | 0.07 | 4.86 | 1.90 | 50 | 71 |
| 55°C | 126% | 0.07 | 4.77 | 1.87 | 31 | 49 |