

Seasonal space heating energy efficiency of heat pump

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 %)

(- 'I') × 'II' = ³ %

Solar contribution

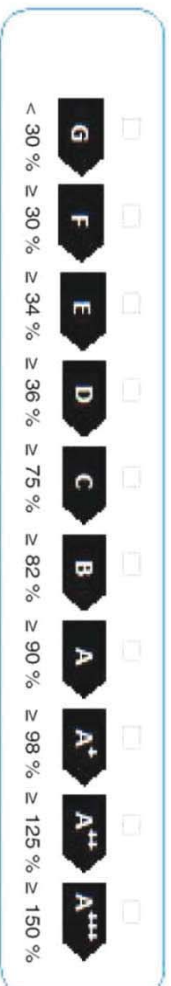
From fiche of solar device

Collector size (in m²) Tank volume (in m³) Collector efficiency (in %) Tank rating = ⁴ %
 ('III' × + 'IV' ×) × 0,45 × (/100) × = ⁵ %

Seasonal space heating energy efficiency of package under average climate

⁵ %

Seasonal space heating energy efficiency class of package under average climate



Seasonal space heating energy efficiency under colder and warmer climate conditions

Colder: ⁵ - 'V' = % Warmer: ⁵ + 'VI' = %

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 |
| 55°C | 124% | 0.00 | 2.23 | 0.87 | 25% | 43% |
| 35°C | 175% | 0.00 | 2.67 | 1.05 | 44% | 49% |

Model HM121M U33/OSHW-200F AEU

Water heating energy efficiency of combination heater

¹ %

Declared load profile:

Solar contribution

From fiche of solar device

Auxiliary electricity

$$(1,1 \times \text{'I'} - 10\%) \times \text{'II'} - \text{'III'} \cdot \text{'I'} = + \text{} \text{² \%}$$

Water heating energy efficiency of package under average climate

³ %

Water heating energy efficiency class of package under average climate



Water heating energy efficiency under colder and warmer climate conditions

Colder: ³ - 0,2 × ² = %

Warmer: ³ + 0,4 × ² = %

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 |
| 109% |

