





Model HU123 U33 (AHUW128A3), HN1639 NK3 (AHNW16809A3)

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 %)

$$(\text{III} - \text{I}') \times \text{II}' = - \text{3}' \%$$

Solar contribution  
From fiche of solar device

Collector size (in m<sup>2</sup>)

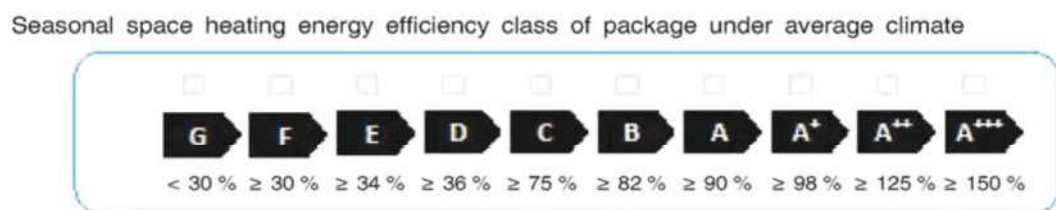
Tank volume (in m<sup>3</sup>)

Collector efficiency (in %)

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

$$(\text{III}' \times \text{I}'' + \text{IV}' \times \text{II}'') \times 0,45 \times (\text{III}'' / 100) \times \text{IV}'' = + \text{4}' \%$$

Seasonal space heating energy efficiency of package under average climate 5' %



Seasonal space heating energy efficiency under colder and warmer climate conditions

Colder:  $\text{5}' - \text{V}' = \text{ } \%$       Warmer:  $\text{5}' + \text{VI}' = \text{ } \%$

*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	130%	0.04	2.70	1.06	31%	51%
35°C	175%	0.05	2.97	1.16	48%	61%



Model HU123 U33 / HN1616T NB0



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 %)

$$( \text{ } - \text{ } ) \times \text{ } = - \text{ } \%$$

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

( 'III' ×  + 'IV' ×  ) × 0,45 × (  /100 ) ×  = +  %

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:  - 'V' =  % Warmer:  + '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	117%	0	2,73	1,07	30%	-27%

Water heating energy efficiency of combination heater

Declared load profile:

Solar contribution

From fiche of solar device

Auxiliary electricity

$$( 1,1 \times \text{ } - 10 \% ) \times \text{ } - \text{ } - \text{ } =$$

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:  - 0,2 ×  =  %

Warmer:  + 0,4 ×  =  %

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
89%