

Model HU161 U33 (AHUW166A3), HN1616 NK3 (AHNW16606A3)

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 %)

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

Solar contribution
From fiche of solar device

Collector size (in m²)

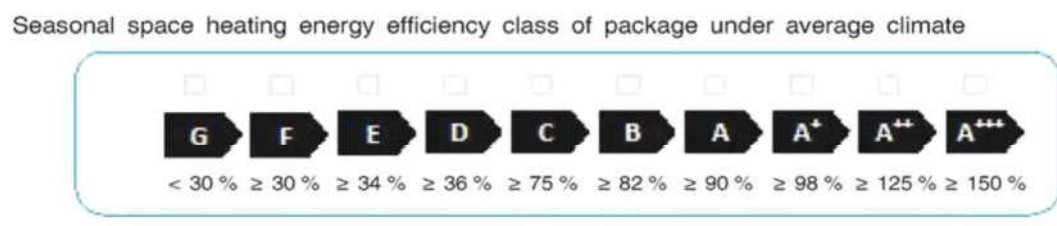
Tank volume (in m³)

Collector efficiency (in %)

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

$$(\text{III} \times \text{IV} + \text{V} \times \text{VI}) \times 0,45 \times (\text{VII} / 100) \times \text{VIII} = + \text{IX} \%$$

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



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	130%	0.02	2.70	1.06	31%	38%
35°C	169%	0.02	2.67	1.05	47%	54%

Model HU161_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 %)

(- '1') × '11' = - %

Solar contribution

From fiche of solar device

Collector size (in m²)

Tank volume (in m³)

Collector efficiency (in %)

Tank rating

('111' × + '1V' ×) × 0,45 × (/100) × = + %

3 %

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

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:

1 %

Solar contribution

From fiche of solar device

Auxiliary electricity

(1,1 × '1' - 10 %) × '11' - - '1' = + %

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%