

Model HU163 U33 (AHUW168A3), HN1639 NK3 (AHNW16809A3)

Seasonal space heating energy efficiency of heat pump 1 %

Temperature control
From fiche of temperature control 2 %

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 %

Supplementary boiler
From fiche of boiler 3 %

Seasonal space heating energy efficiency (in %)

(- 'I') × 'II' = - %

Solar contribution
From fiche of solar device 4 %

Collector size (in m²)

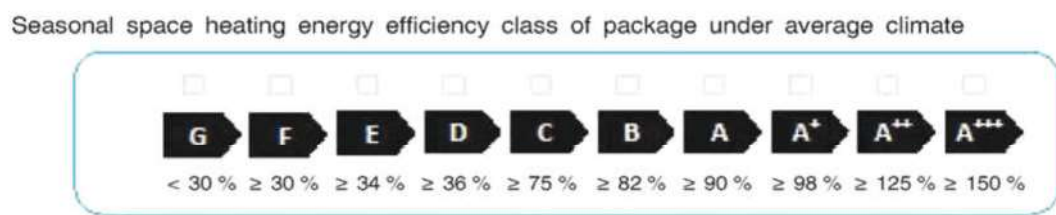
Tank volume (in m³)

Collector efficiency (in %)

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

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

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%	0.04	2.70	1.06	31%	51%
35°C	169%	0.04	2.67	1.05	42%	68%

Model HU163 U33 HNI1616T NB0



Seasonal space heating energy efficiency of heat pump

η %

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 %

η %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

η %

Solar contribution

From fiche of solar device

Collector size (in m²)

Tank volume (in m³)

Collector efficiency (in %)

Tank rating

(η)¹ × η + (η)² × 0,45 × (/100) × η = + η %

(η)³ × η × η × η × η × η = - η %

η %

Seasonal space heating energy efficiency of package under average climate

Seasonal space heating energy efficiency class of package under average climate



Seasonal space heating energy efficiency under colder and warmer climate conditions

Colder: η - η = η % Warmer: η + η = η %

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: η %

Solar contribution

From fiche of solar device

Auxiliary electricity

(1,1 × η - 10 %) × η - η - η = η %

Water heating energy efficiency of package under average climate

Water heating energy efficiency class of package under average climate



Water heating energy efficiency under colder and warmer climate conditions

Colder: η - 0,2 × η = η %

Warmer: η + 0,4 × η = η %

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I
89%