

Product fiche

Delegated Regulation (EU) 811/2013

Seasonal space heating energy efficiency of boiler

92 %

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 %)

(- - 92) x 0.1 = ± - %

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

(- x - + - x -) x 0.9 x (- / 100) x - = + - %

Supplementary heat pump

From fiche of heat pump

Seasonal space heating energy efficiency (in %)

(- - 92) x 0 = + - %

Solar contribution AND Supplementary heat pump

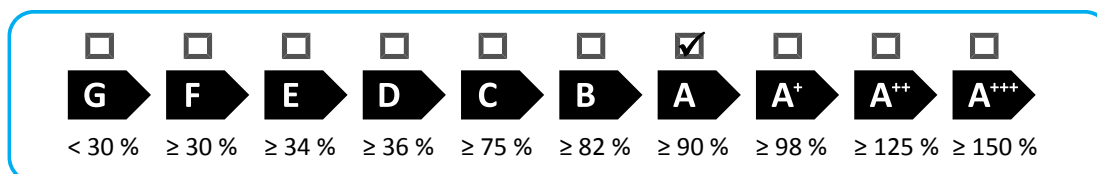
Select smaller value

0.5 x - OR 0.5 x - = - - %

Seasonal space heating energy efficiency of package

94 %

Seasonal space heating energy efficiency class of package



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

From fiche of heat pump

94 + (50 x 0) = - %

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.

Product fiche

Delegated Regulation (EU) 811/2013

Water heating energy efficiency of combination heater

78 %

Declared load profile: XL

Solar contribution

From fiche of solar device

Auxiliary electricity

$(1.1 \times 78 - 10\%) \times - - - 78 = + - \%$

Water heating energy efficiency of package under average climate

92 %

Water heating energy efficiency class of package under average climate

	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	G	F	E	D	C	B	A	A ⁺	A ⁺⁺	A ⁺⁺⁺
<input type="checkbox"/> M	< 27 %	≥ 27 %	≥ 30 %	≥ 33 %	≥ 36 %	≥ 39 %	≥ 65 %	≥ 100 %	≥ 130 %	≥ 163 %
<input type="checkbox"/> L	< 27 %	≥ 27 %	≥ 30 %	≥ 34 %	≥ 37 %	≥ 50 %	≥ 75 %	≥ 115 %	≥ 150 %	≥ 188 %
<input checked="" type="checkbox"/> XL	< 27 %	≥ 27 %	≥ 30 %	≥ 35 %	≥ 38 %	≥ 55 %	≥ 80 %	≥ 123 %	≥ 160 %	≥ 200 %
<input type="checkbox"/> XXL	< 28 %	≥ 28 %	≥ 32 %	≥ 36 %	≥ 40 %	≥ 60 %	≥ 85 %	≥ 131 %	≥ 170 %	≥ 213 %

Water heating energy efficiency under colder and warmer climate conditions

Colder: $92 - 0.2 \times - = - \%$

Warmer: $92 + 0.4 \times - = - \%$

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Model placed on the Union market from 01/05/2018 to 20/02/2024



EPREL registration number: 158149

<https://eprel.ec.europa.eu/qr/158149>

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