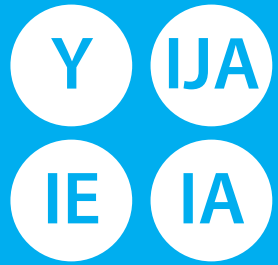




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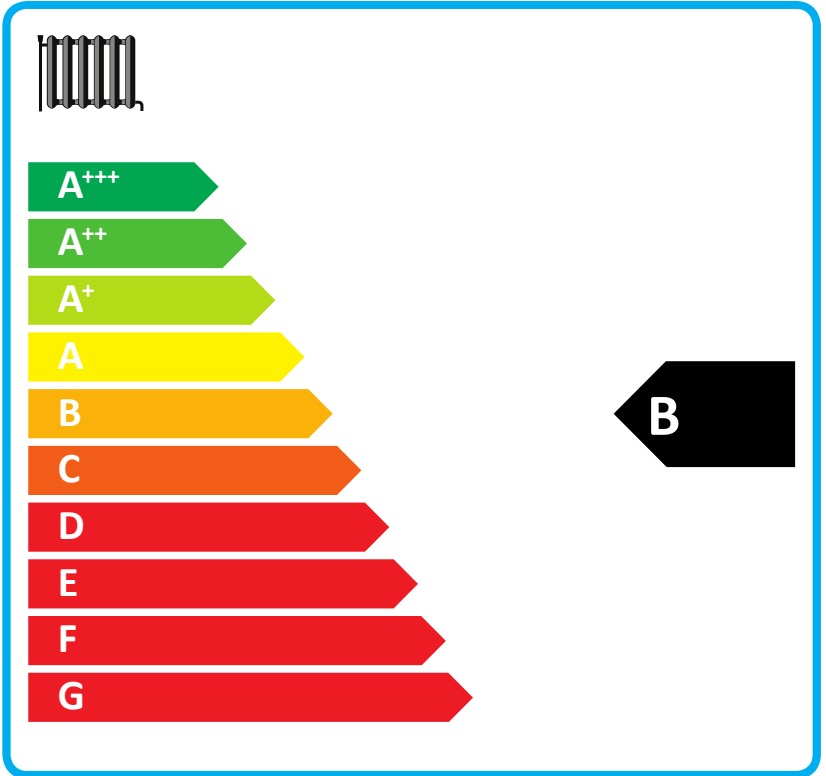
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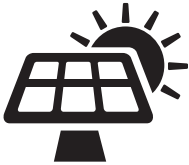



NED


Ancienne chaudière efficacité 75  
Dispositif solaire modules DualSun  
Ballon de stockage


#YZJJ0871

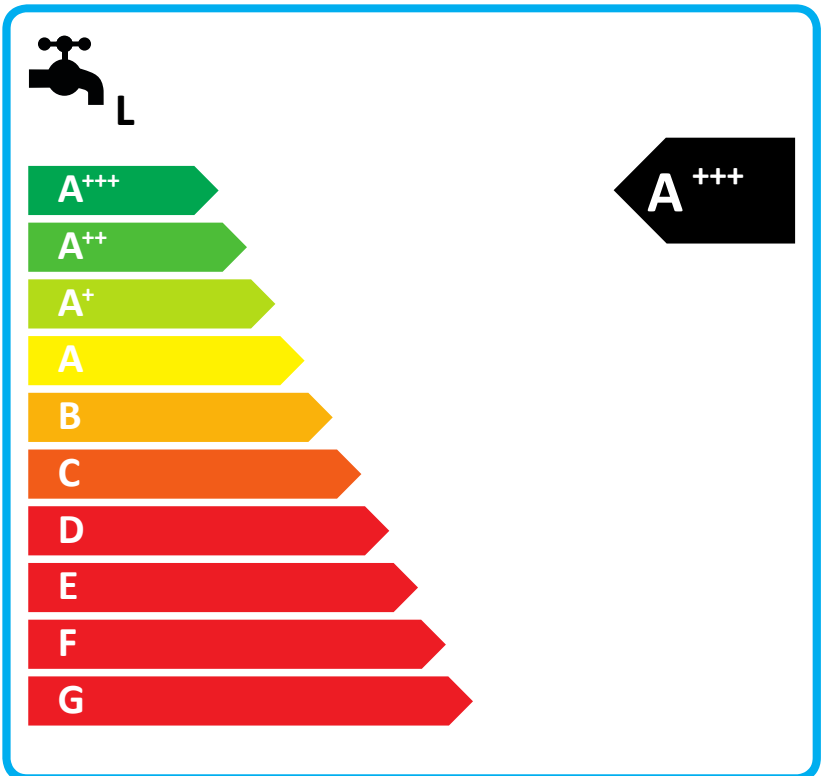







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Seasonal space heating energy efficiency of boiler

75,0 %

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%

+ 0,0 %

From fiche of  
temperature control

Supplementary boiler

Seasonal space heating energy efficiency (in %)

From fiche of boiler

( 0,00 - 75,00 ) x 0,1 = + 0,0 %

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

( 3,82 x 16,40 + 1,49 x 0,718 ) x 0,9 x ( 15,00 / 100 ) x 0,86 = + 7,4 %

Supplementary heat pump

Seasonal space heating energy efficiency (in %)

From fiche of heat pump

( 0 - 75,00 ) x 0,00 = + 0,0 %

Solar contribution AND Supplementary heat pump

Select smaller value

0,5 x 7,39

OR

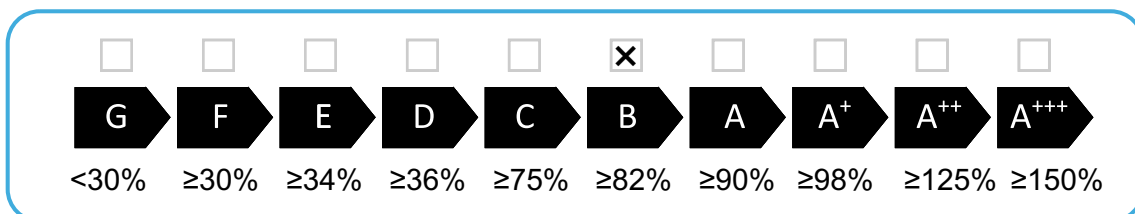
0,5 x 0,00

- 0,0 %

Seasonal space heating energy efficiency of package

82 %

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

82,39

+ ( 50 x 0,00 ) =

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 buildings, 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.

Water heating energy efficiency of combination heater

**75,0** %

Declared load profile:

**L**

Solar contribution

From fiche of solar device

Auxiliary electricity

$$(1,1 \times 75 - 10 \%) \times 6,71 - 4,97 - 75 = + 406,7 \%$$

Water heating energy efficiency of package under average climate

**482** %

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

Water heating energy efficiency under colder and warmer climate conditions

Colder:  $482 - 0.2 \times 406,7 = 400$  %

Warmer:  $482 + 0.4 \times 406,7 = 563$  %

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