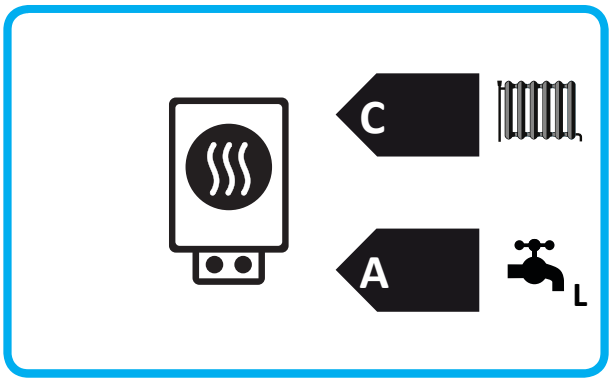
ENERG Y IJA IE IA

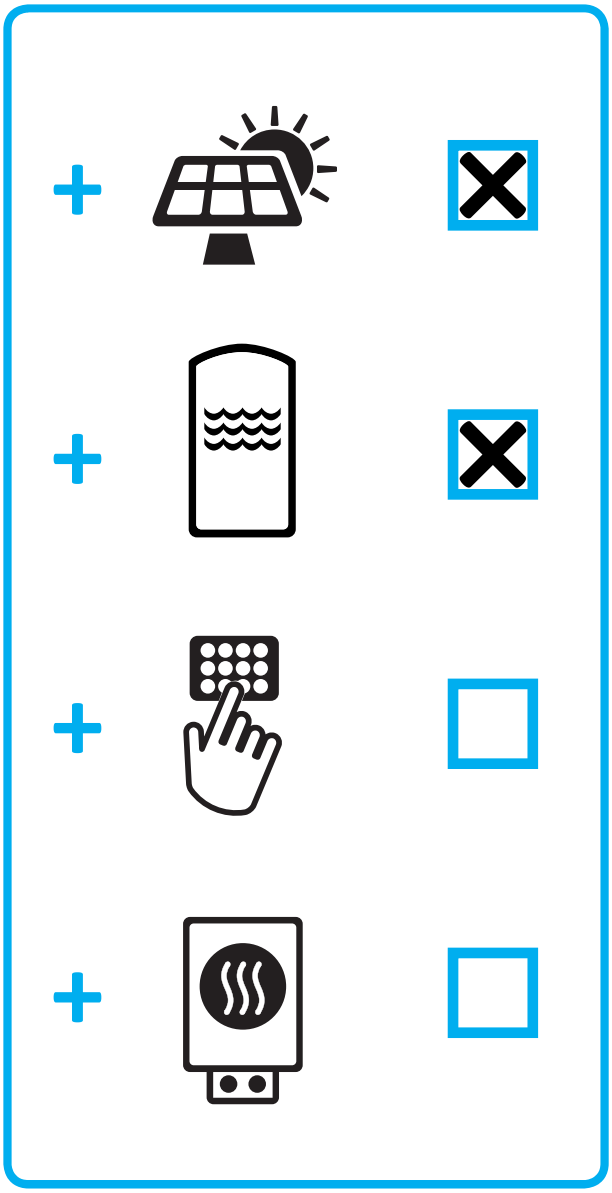
енергия · ενεργεια

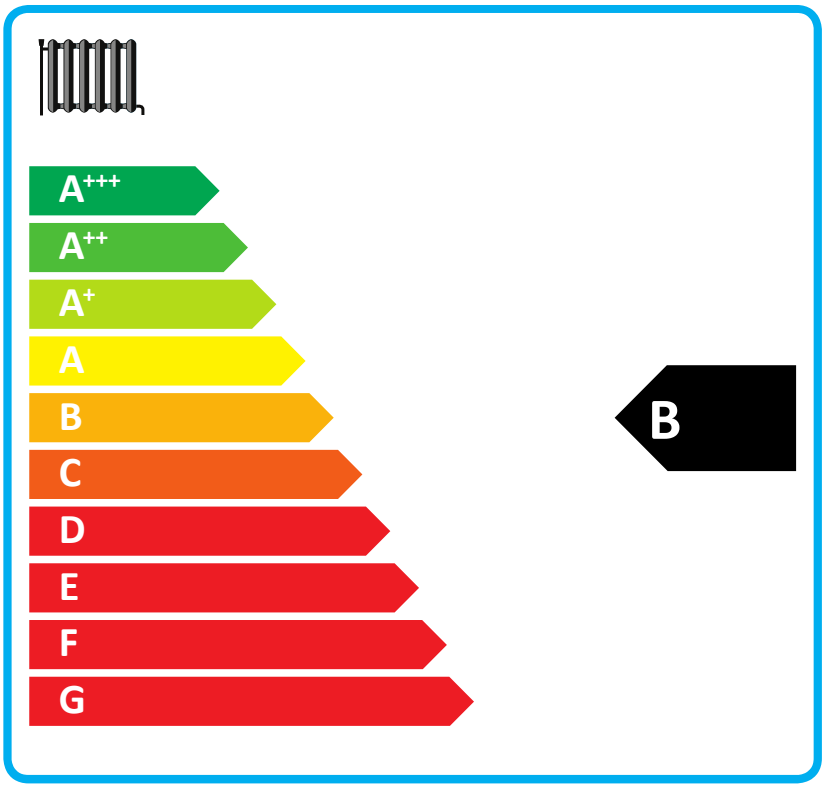
Ancienne chaudière efficacité 75
Dispositif solaire modules DualSun
Ballon de stockage

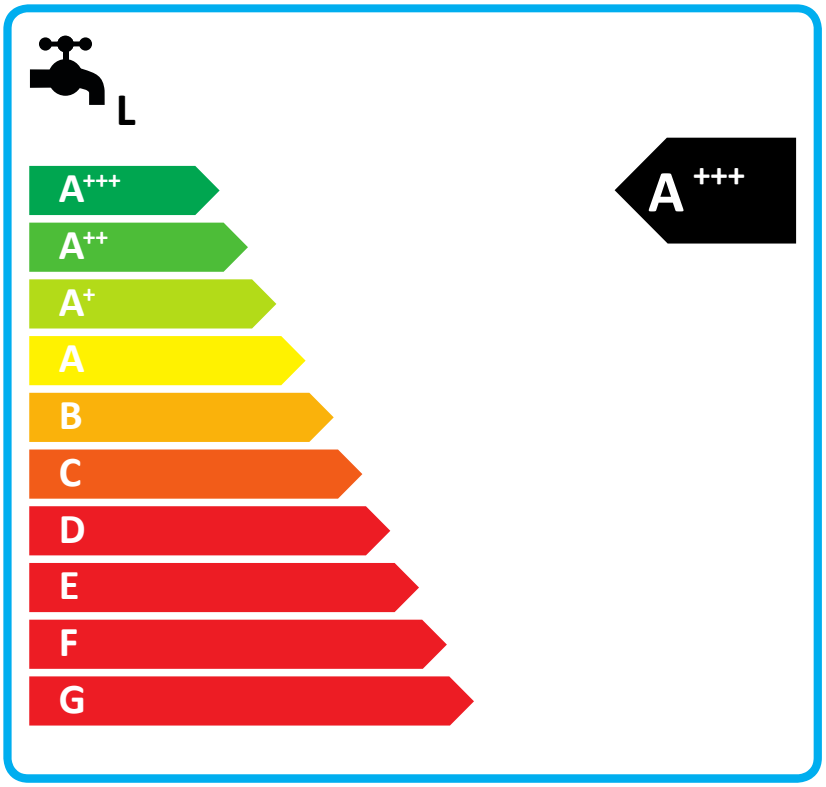
NED

#YZJJ0871









2015

811/2013

Seasonal space heating energy efficiency of boiler **75,0** %

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%

\+ **0,0** %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(**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

From fiche of heat pump

Seasonal space heating energy efficiency (in %)

(**0** – 75,00) x 0,00 = + **0,0** %

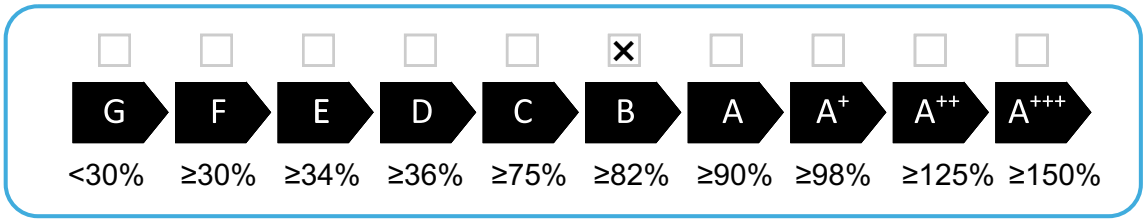
Solar contribution AND Supplementary heat pump

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 x 75 – 10 %) x 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

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

Water heating energy efficiency under colder and warmer climate conditions

Colder: **482** – 0.2 x **406,7** = **400** %

Warmer: **482** + 0.4x **406,7** = **563** %

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