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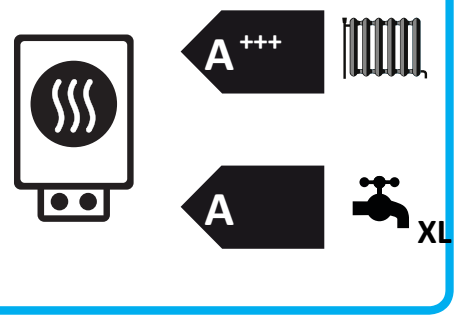
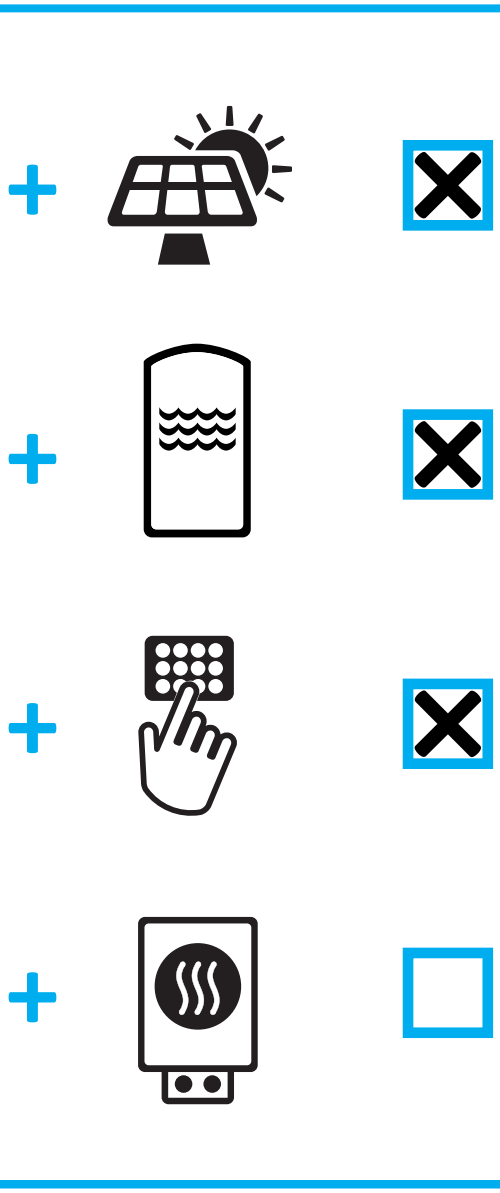
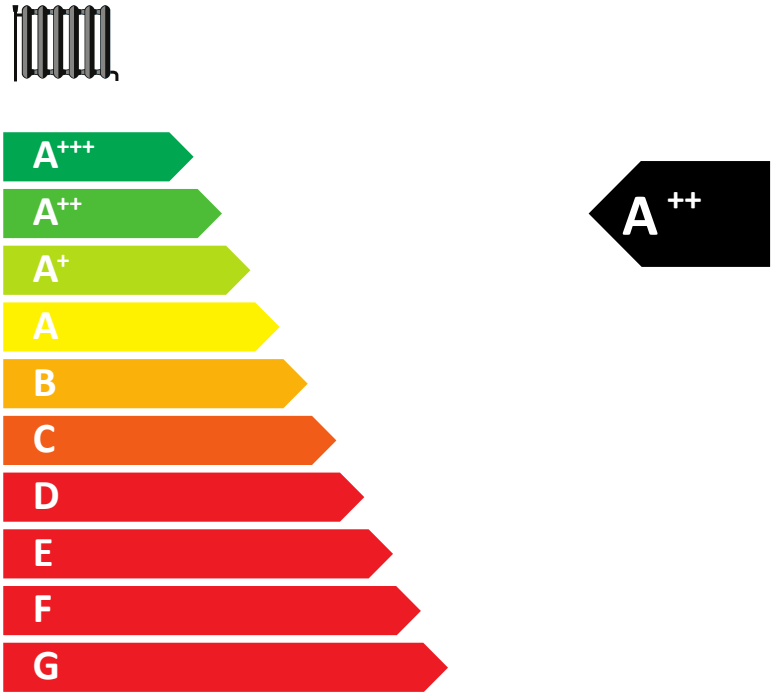
FHE Confort TH PAC

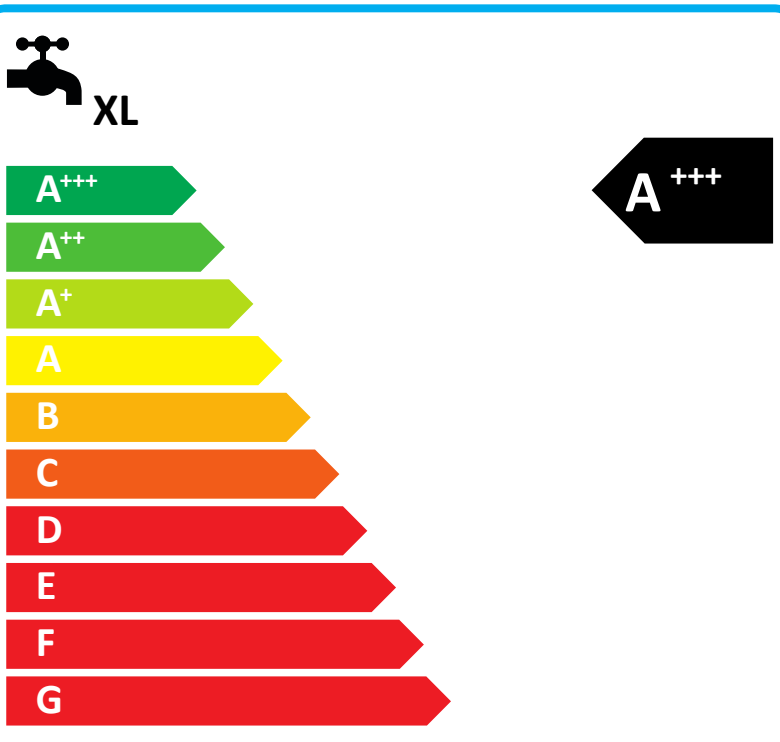
Dynamic 10
H4p
TKS 500150D
Thermostat Classe I

#PIF09253









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Seasonal space heating energy efficiency of heat pump: 137,0 %

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%

+ 1,0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(0,00 – 137,00) x 0,00 = + 0,0 %

Solar contribution

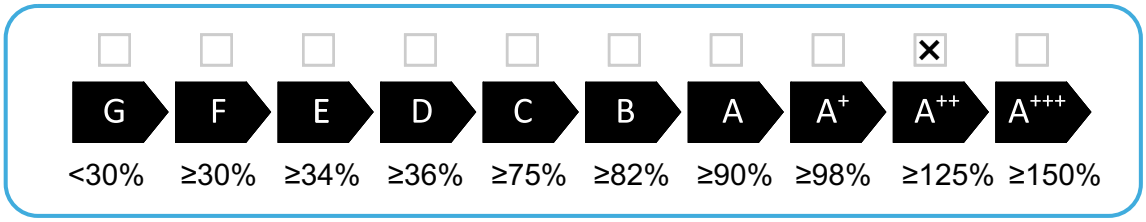
From fiche of solar device

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 8,24 + 1,49 x 0,475) x 0,45 x (60,00 / 100) x 0,86 = + 7,5 %

Seasonal space heating energy efficiency of package: 145 %

Seasonal space heating energy efficiency class of package



Seasonal space heating energy efficiency under colder and warmer conditions

Colder: 145,47 – 137,00 = 8 %

Warmer: 145,47 + -137,00 = 8 %

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 **98,0** %

Declared load profile: **XL**

Solar contribution
From fiche of solar device

Auxiliary electricity

(1,1 x 98 – 10 %) x 3,88 – **4,47** – 98 = + **276,7** %

Water heating energy efficiency of package under average climate **375** %

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: **375** – 0.2 x **276,7** = **319** %

Warmer: **375** + 0.4x **276,7** = **485** %

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.

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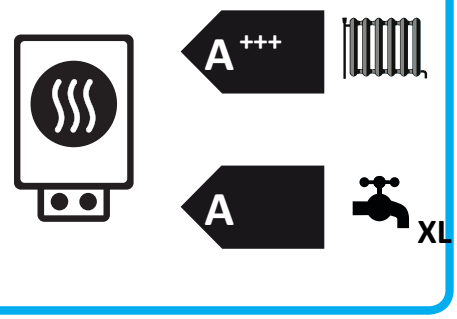
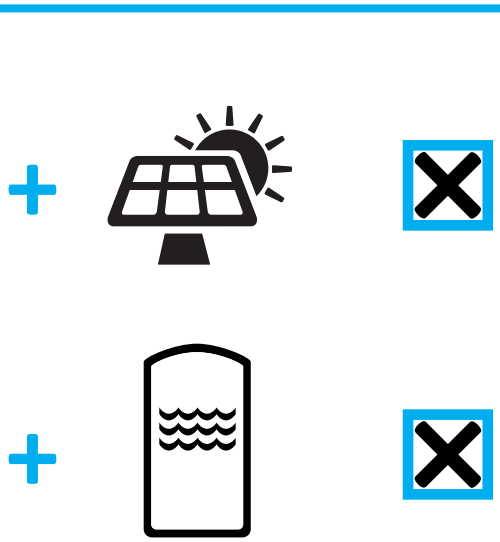
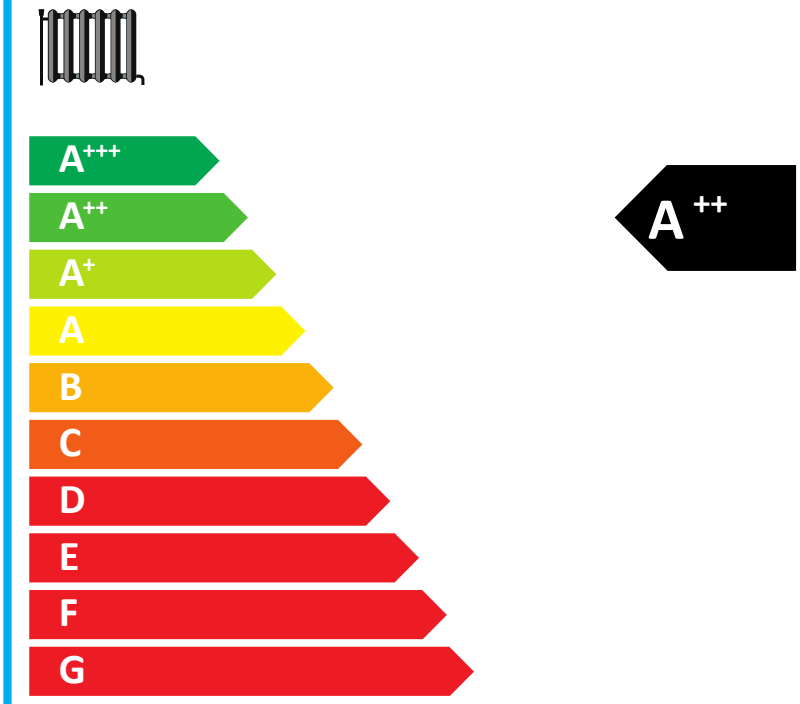
FHE Confort TH PAC

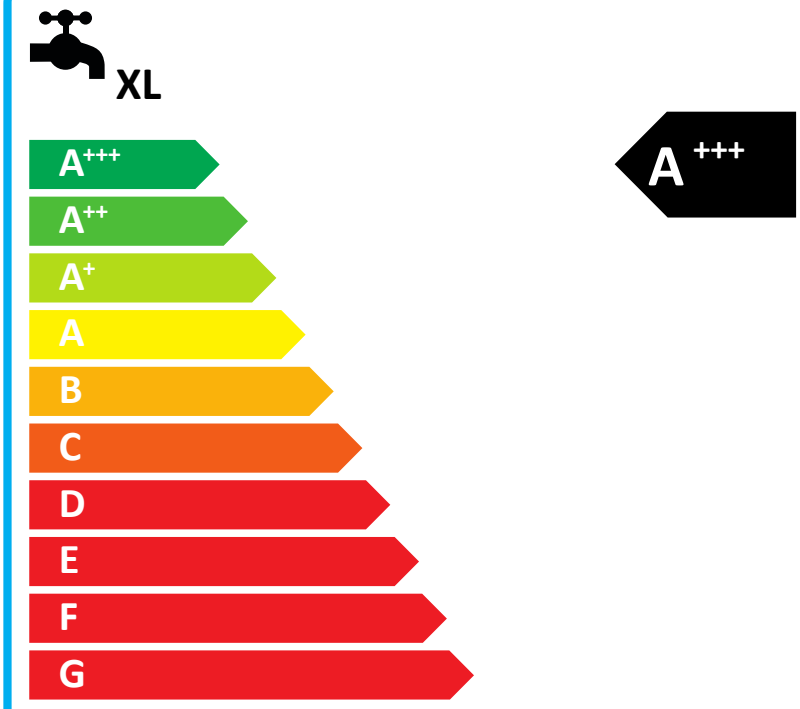
Dynamic 12
H4p
TKS 500150D
Thermostat Classe I

#QADG4698









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Seasonal space heating energy efficiency of heat pump **135,0** %

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%

\+ **1,0** %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(**0,00** – 135,00) x 0,00 = + **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)

(2,43 x **8,24** + 0,95 x **0,475**) x 0,45 x (**60,00** / 100) x **0,86** = + **4,8** %

Seasonal space heating energy efficiency of package **141** %

Seasonal space heating energy efficiency class of package

G	F	E	D	C	B	A	A+	A++	A+++
								☒	
<30%	≥30%	≥34%	≥36%	≥75%	≥82%	≥90%	≥98%	≥125%	≥150%

Seasonal space heating energy efficiency under colder and warmer conditions

Colder: **140,75** – 135,00 = **6** %

Warmer: **140,75** + -135,00 = **6** %

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 **98,0** %

Declared load profile: **XL**

Solar contribution
From fiche of solar device

Auxiliary electricity

(1,1 x 98 – 10 %) x 3,88 – **4,47** – 98 = + **276,7** %

Water heating energy efficiency of package under average climate **375** %

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: **375** – 0.2 x **276,7** = **319** %

Warmer: **375** + 0.4x **276,7** = **485** %

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.

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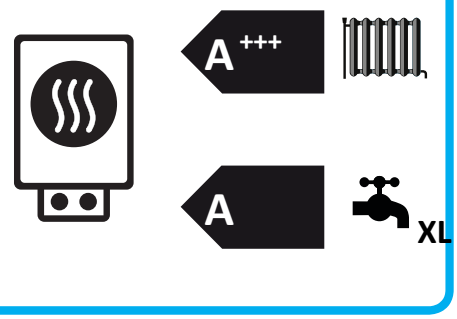
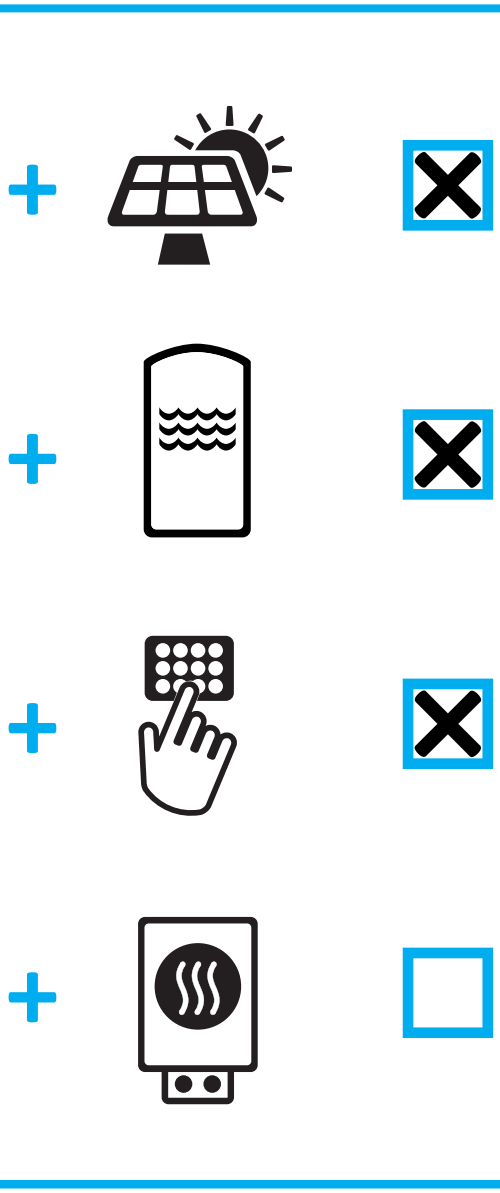
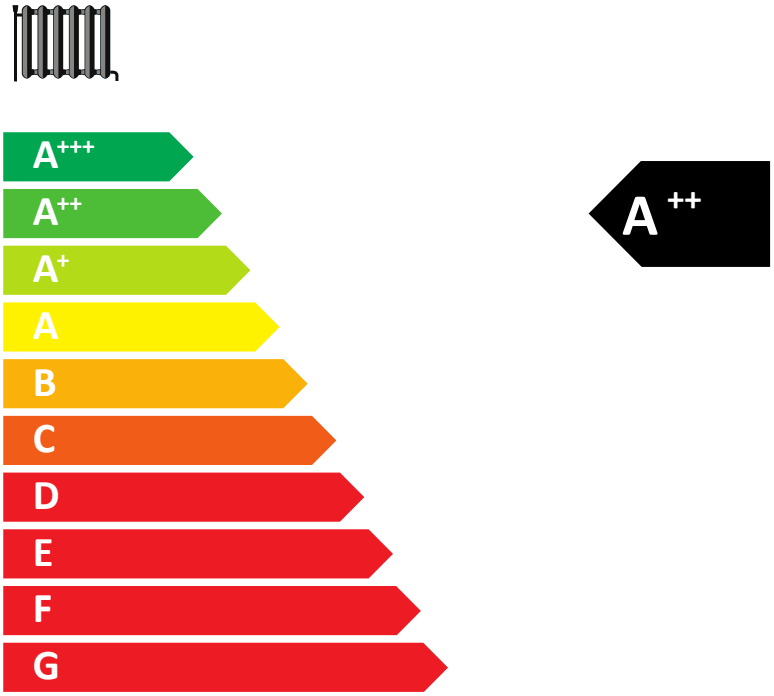
FHE Confort TH PAC

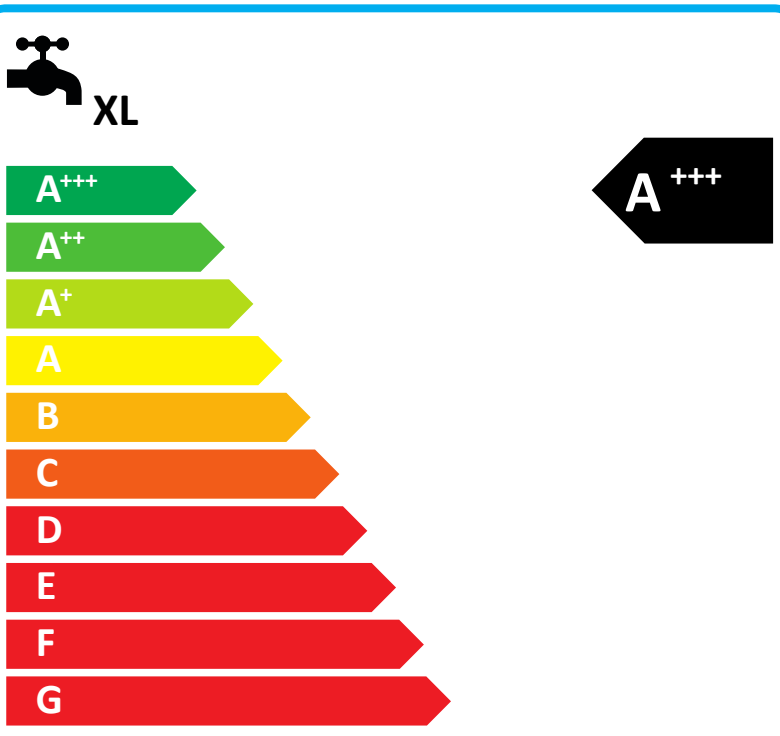
Dynamic 14
H4p
TKS 500150D
Thermostat Classe I

#QBNA6450









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Seasonal space heating energy efficiency of heat pump: 136,0 %

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%

+ 1,0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(0,00 – 136,00) x 0,00 = + 0,0 %

Solar contribution

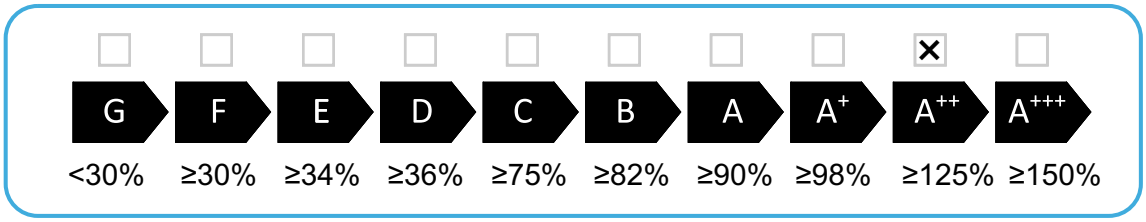
From fiche of solar device

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)

(2,23 x 8,24 + 0,87 x 0,475) x 0,45 x (60,00 / 100) x 0,86 = + 4,4 %

Seasonal space heating energy efficiency of package: 141 %

Seasonal space heating energy efficiency class of package



Seasonal space heating energy efficiency under colder and warmer conditions

Colder: 141,36 – 136,00 = 5 %

Warmer: 141,36 + -136,00 = 5 %

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 **98,0** %

Declared load profile: **XL**

Solar contribution
From fiche of solar device

Auxiliary electricity

(1,1 x 98 – 10 %) x 3,88 – **4,47** – 98 = + **276,7** %

Water heating energy efficiency of package under average climate **375** %

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: **375** – 0.2 x **276,7** = **319** %

Warmer: **375** + 0.4x **276,7** = **485** %

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.

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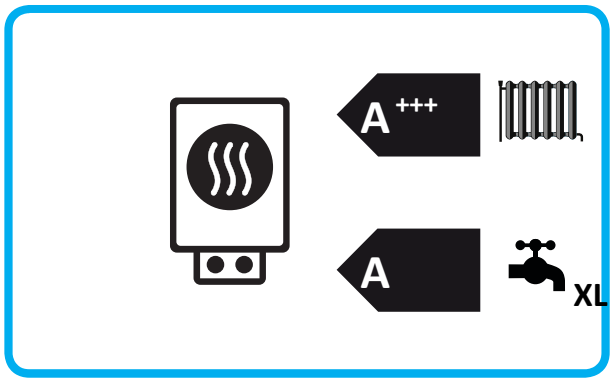
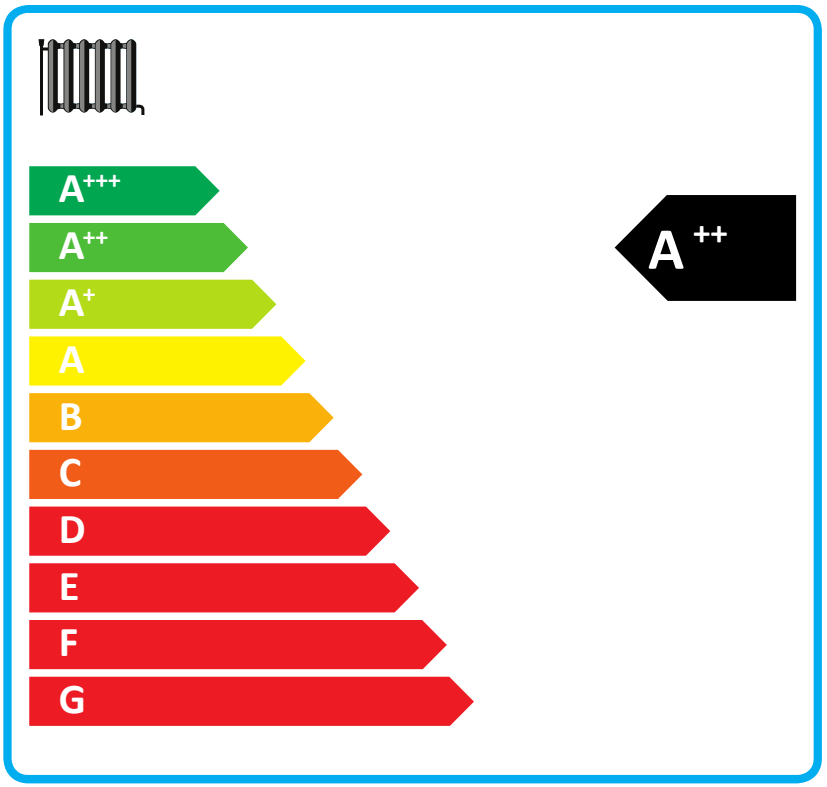
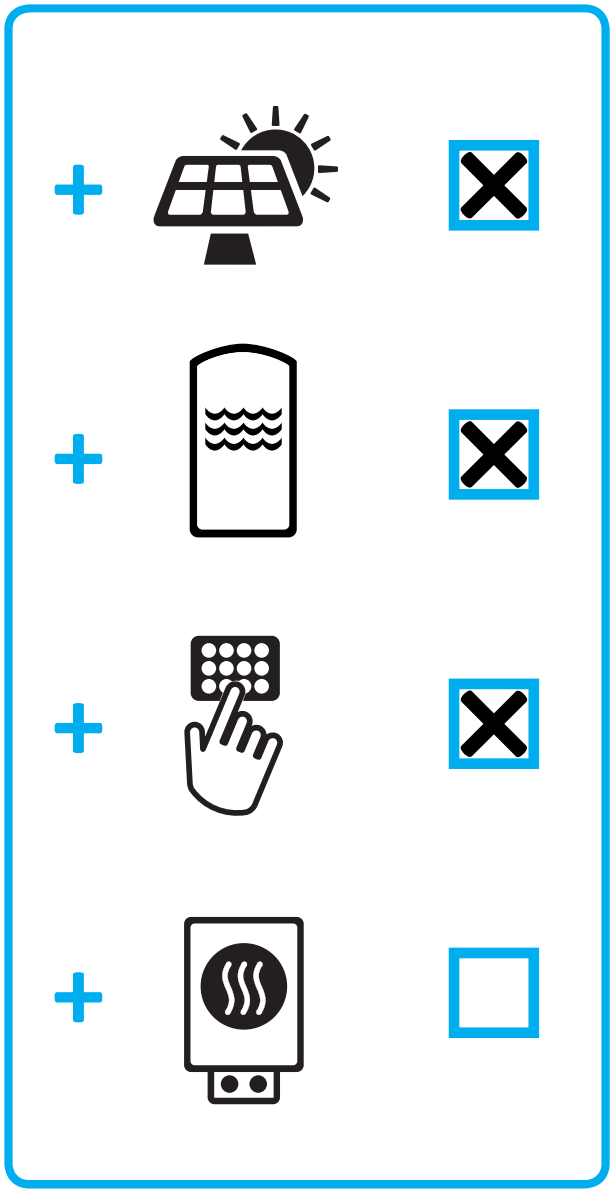
FHE Confort TH PAC

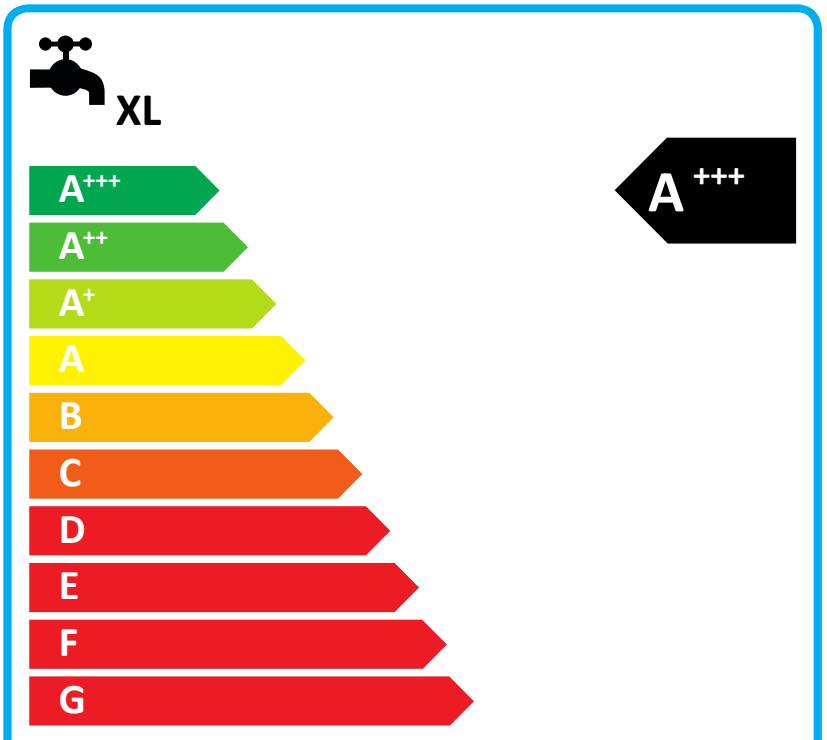
Dynamic 16
H4p
TKS 500150D
Thermostat Classe I

#BBD07025









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Seasonal space heating energy efficiency of heat pump: 133,0 %

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%

+ 1,0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(0,00 – 133,00) x 0,00 = + 0,0 %

Solar contribution

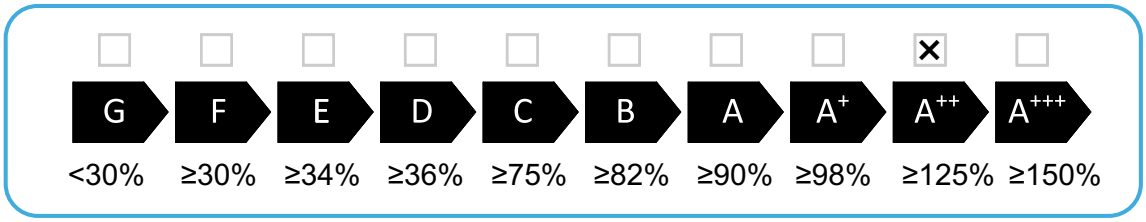
From fiche of solar device

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)

(2,06 x 8,24 + 0,80 x 0,475) x 0,45 x (60,00 / 100) x 0,86 = + 4,0 %

Seasonal space heating energy efficiency of package: 138 %

Seasonal space heating energy efficiency class of package



Seasonal space heating energy efficiency under colder and warmer conditions

Colder: 138,02 – 133,00 = 5 %

Warmer: 138,02 + -133,00 = 5 %

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 **98,0** %

Declared load profile: **XL**

Solar contribution
From fiche of solar device

Auxiliary electricity

(1,1 x 98 – 10 %) x 3,88 – **4,47** – 98 = + **276,7** %

Water heating energy efficiency of package under average climate **375** %

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: **375** – 0.2 x **276,7** = **319** %

Warmer: **375** + 0.4x **276,7** = **485** %

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.

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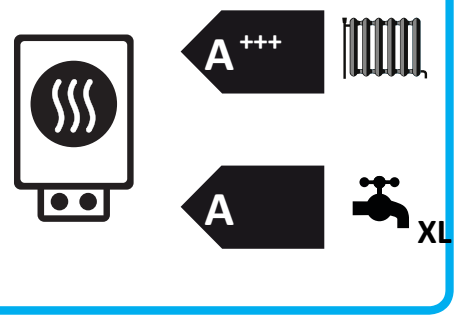
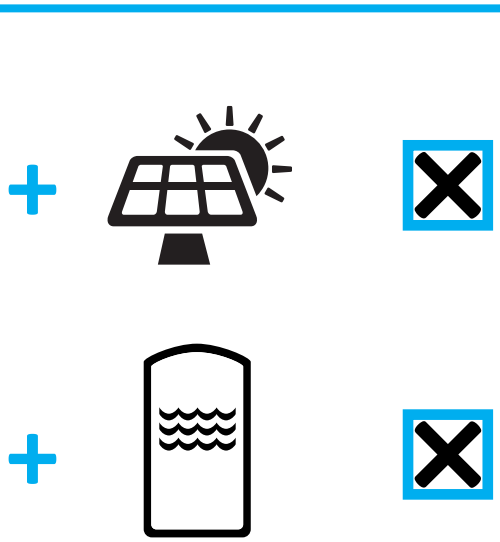
IE IA

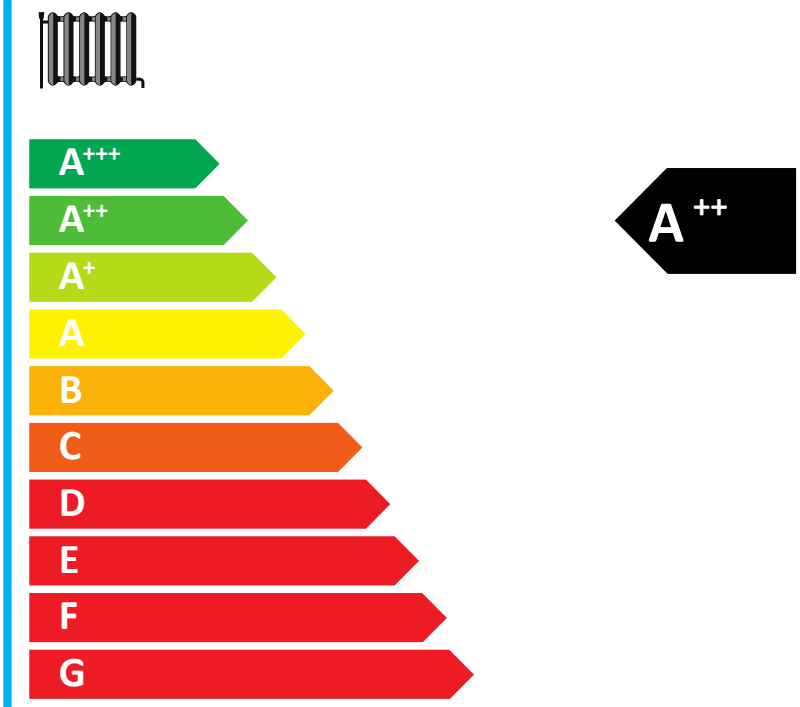
FHE Confort TH PAC

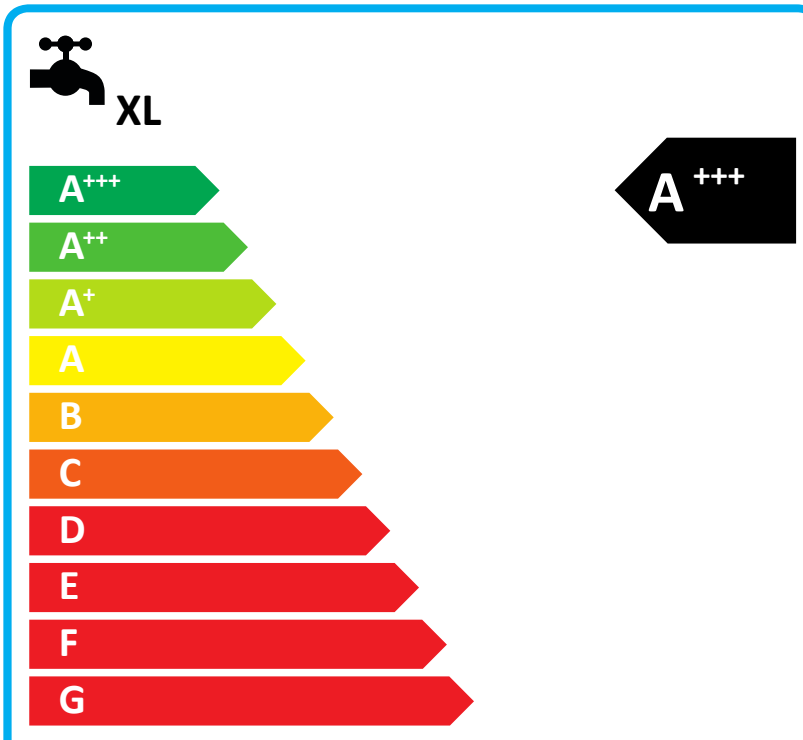
Dynamic 18
H4p
TKS 500150D
Thermostat Classe IV

#WSTW1572









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Seasonal space heating energy efficiency of heat pump: 125,0 %

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%

+ 2,0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(0,00 – 125,00) x 0,00 = + 0,0 %

Solar contribution

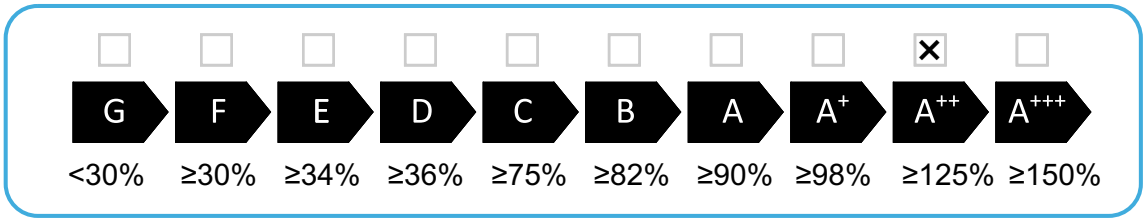
From fiche of solar device

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)

(1,57 x 8,24 + 0,61 x 0,475) x 0,45 x (60,00 / 100) x 0,86 = + 3,1 %

Seasonal space heating energy efficiency of package: 130 %

Seasonal space heating energy efficiency class of package



Seasonal space heating energy efficiency under colder and warmer conditions

Colder: 130,08 – 125,00 = 5 %

Warmer: 130,08 + -125,00 = 5 %

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 **98,0** %

Declared load profile: **XL**

Solar contribution
From fiche of solar device

Auxiliary electricity

(1,1 x 98 – 10 %) x 3,88 – **4,47** – 98 = + **276,7** %

Water heating energy efficiency of package under average climate **375** %

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: **375** – 0.2 x **276,7** = **319** %

Warmer: **375** + 0.4x **276,7** = **485** %

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.

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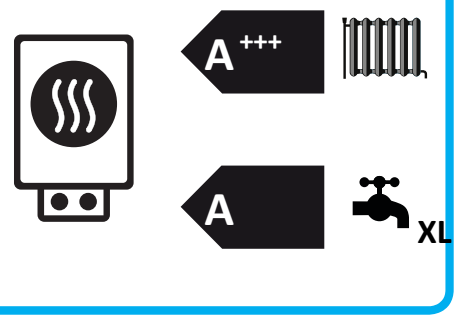
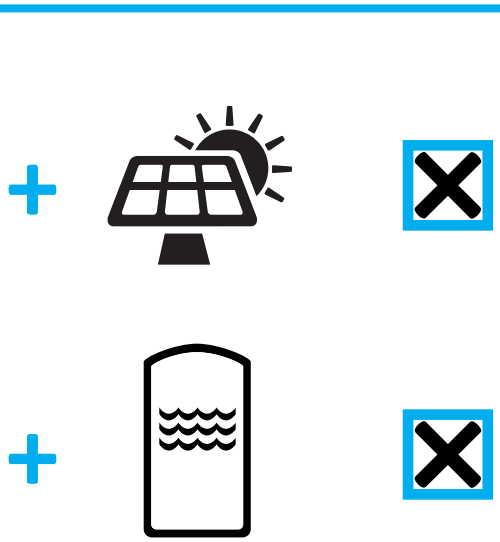
IE IA

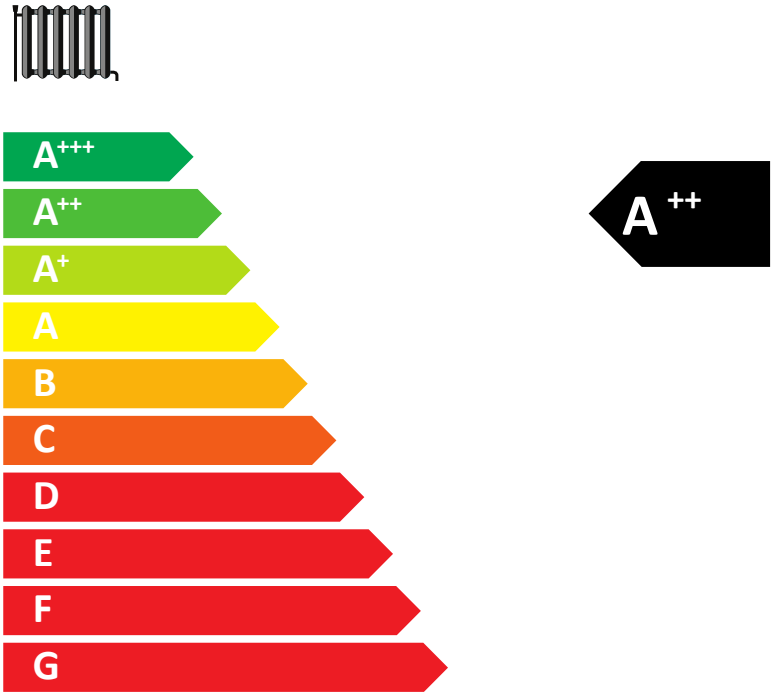
FHE Confort TH PAC

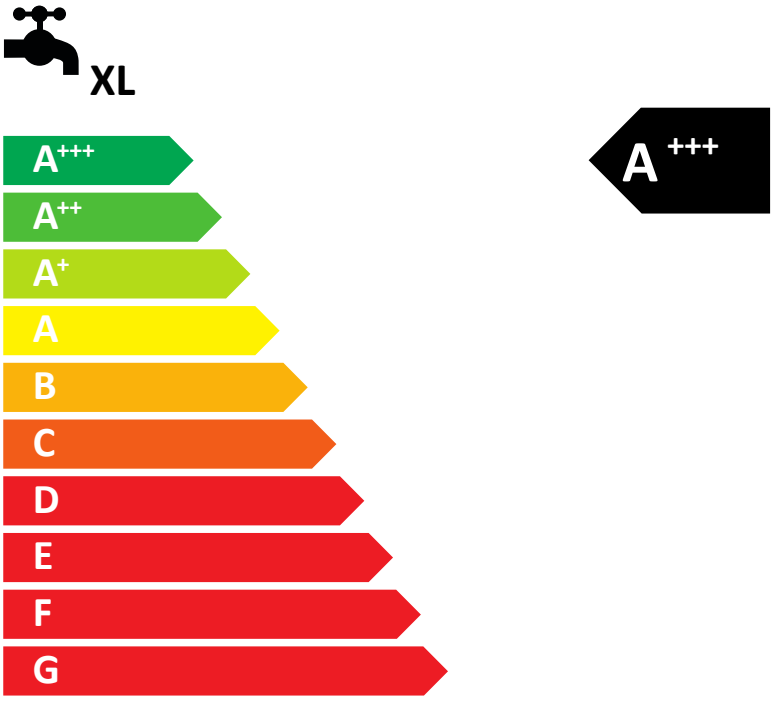
Dynamic 22
H4p
TKS 500150D
Thermostat Classe I

#CSSN1034









2015

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Seasonal space heating energy efficiency of heat pump: 126,0 %

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%

+ 1,0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(0,00 – 126,00) x 0,00 = + 0,0 %

Solar contribution

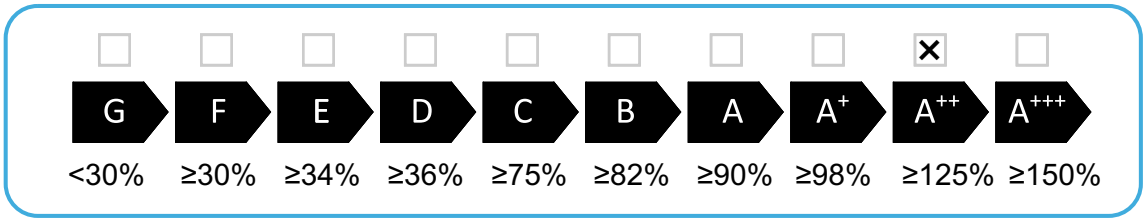
From fiche of solar device

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)

(1,21 x 8,24 + 0,48 x 0,475) x 0,45 x (60,00 / 100) x 0,86 = + 2,4 %

Seasonal space heating energy efficiency of package: 129 %

Seasonal space heating energy efficiency class of package



Seasonal space heating energy efficiency under colder and warmer conditions

Colder: 129,38 – 126,00 = 3 %

Warmer: 129,38 + -126,00 = 3 %

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 **98,0** %

Declared load profile: **XL**

Solar contribution
From fiche of solar device

Auxiliary electricity

(1,1 x 98 – 10 %) x 3,88 – **4,47** – 98 = + **276,7** %

Water heating energy efficiency of package under average climate **375** %

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: **375** – 0.2 x **276,7** = **319** %

Warmer: **375** + 0.4x **276,7** = **485** %

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.

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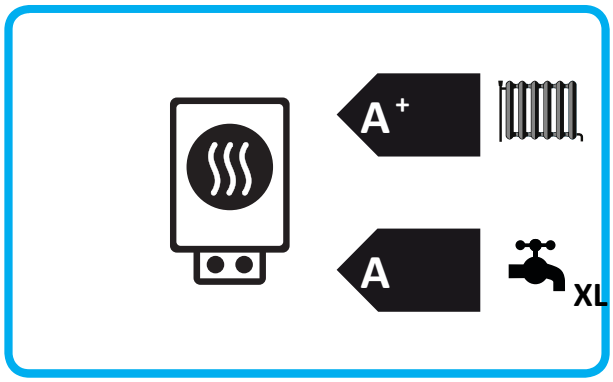
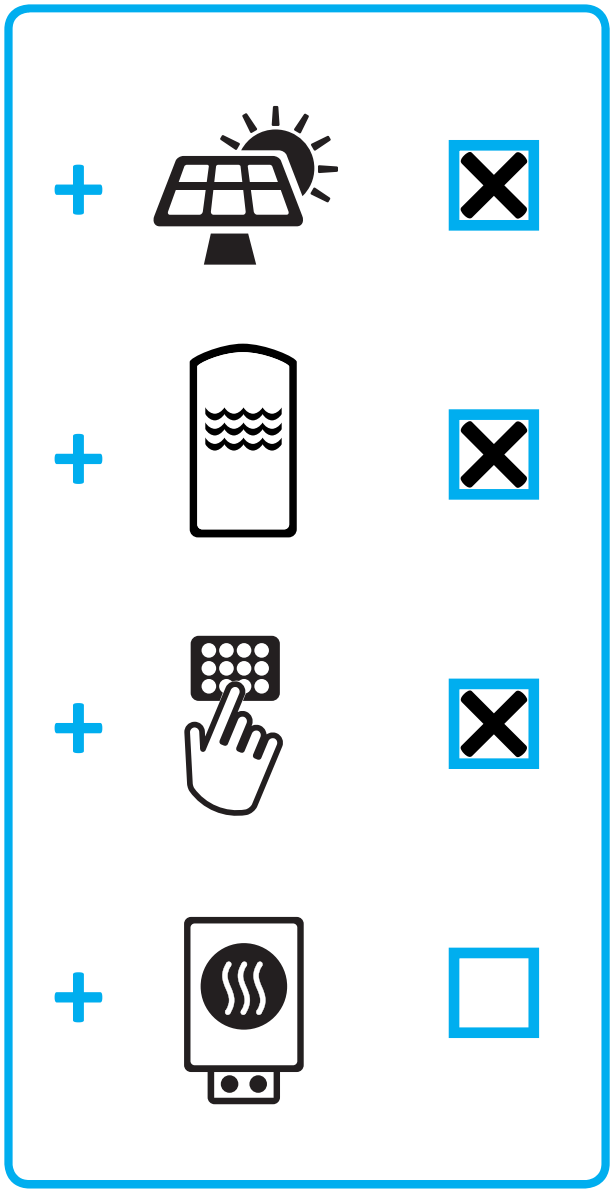
IE IA

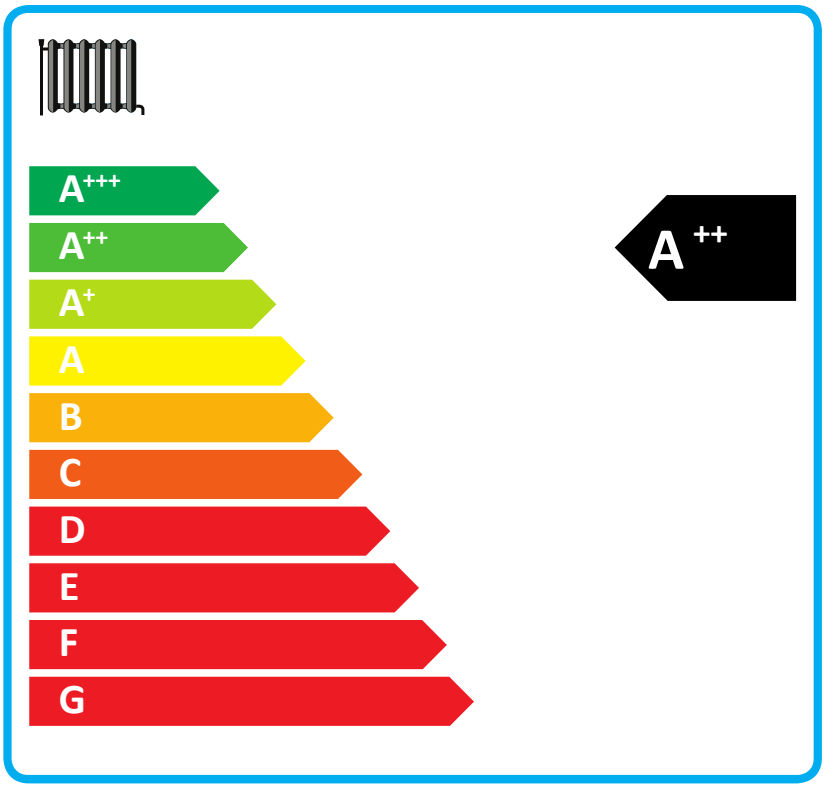
FHE Confort TH PAC

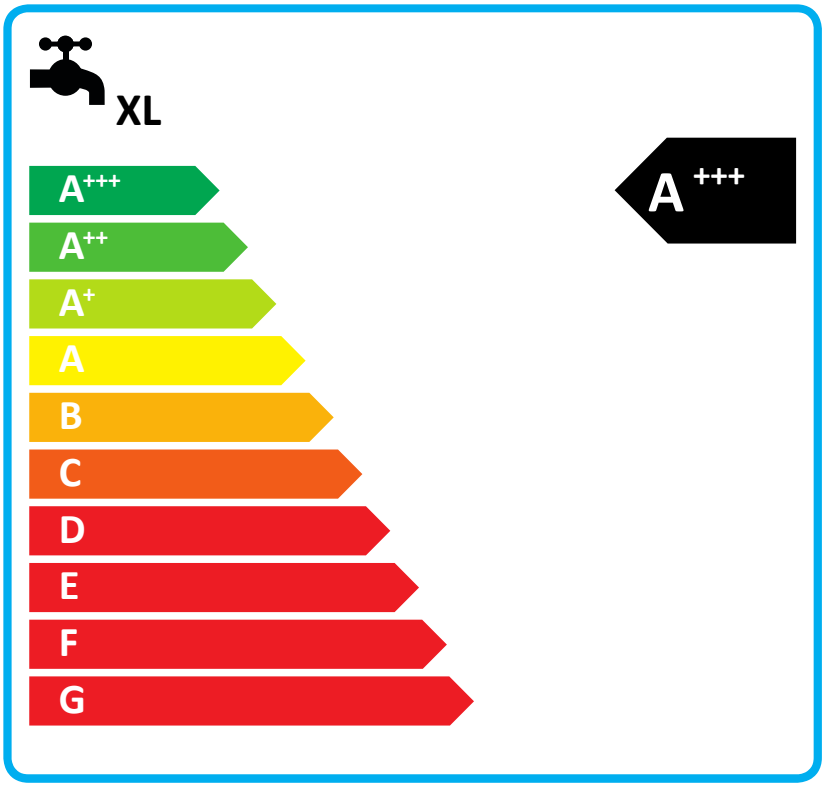
Dynamic 26
H4p
TKS 500150D
Thermostat Classe I

#IWQX1595









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Seasonal space heating energy efficiency of heat pump: 123,0 %

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%

+ 1,0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(0,00 – 123,00) x 0,00 = + 0,0 %

Solar contribution

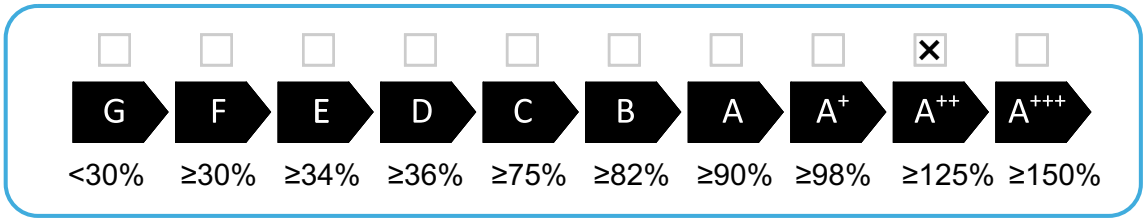
From fiche of solar device

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)

(1,03 x 8,24 + 0,40 x 0,475) x 0,45 x (60,00 / 100) x 0,86 = + 2,0 %

Seasonal space heating energy efficiency of package: 126 %

Seasonal space heating energy efficiency class of package



Seasonal space heating energy efficiency under colder and warmer conditions

Colder: 126,01 – 123,00 = 3 %

Warmer: 126,01 + -123,00 = 3 %

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 **98,0** %

Declared load profile: **XL**

Solar contribution
From fiche of solar device

Auxiliary electricity

(1,1 x 98 – 10 %) x 3,88 – **4,47** – 98 = + **276,7** %

Water heating energy efficiency of package under average climate **375** %

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: **375** – 0.2 x **276,7** = **319** %

Warmer: **375** + 0.4x **276,7** = **485** %

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.

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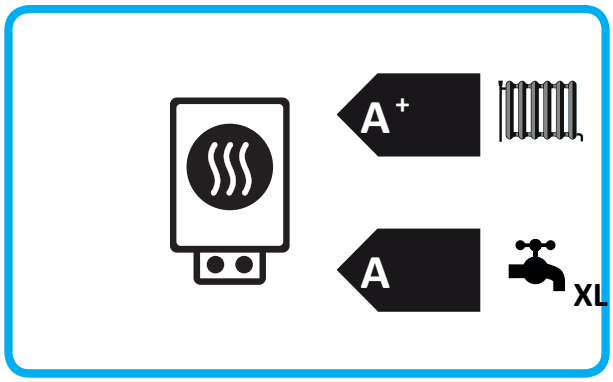
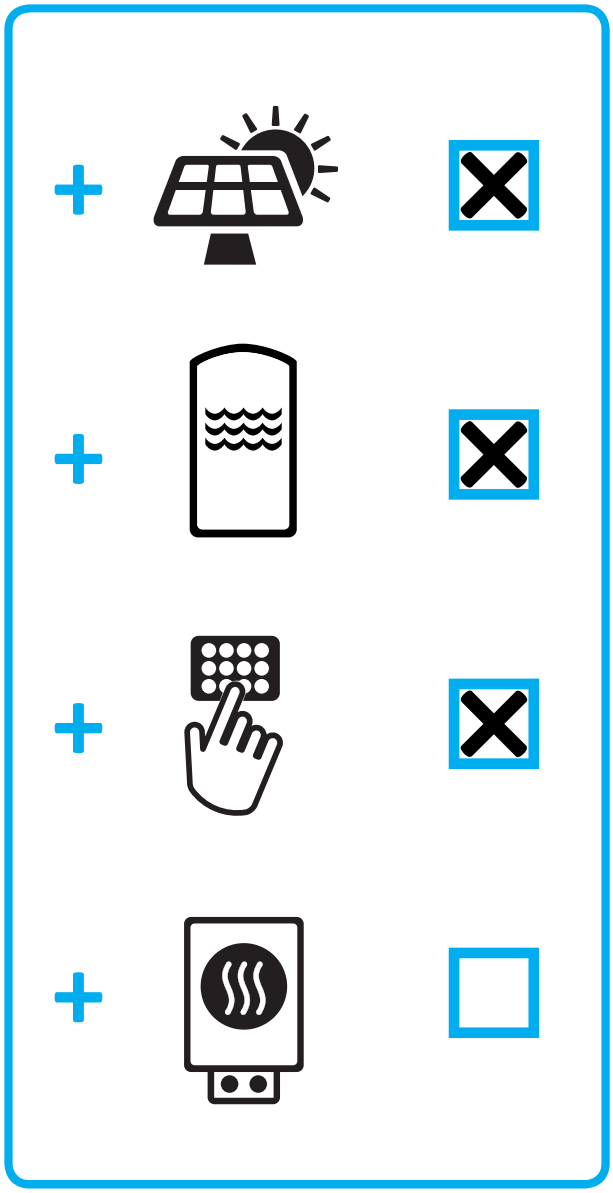
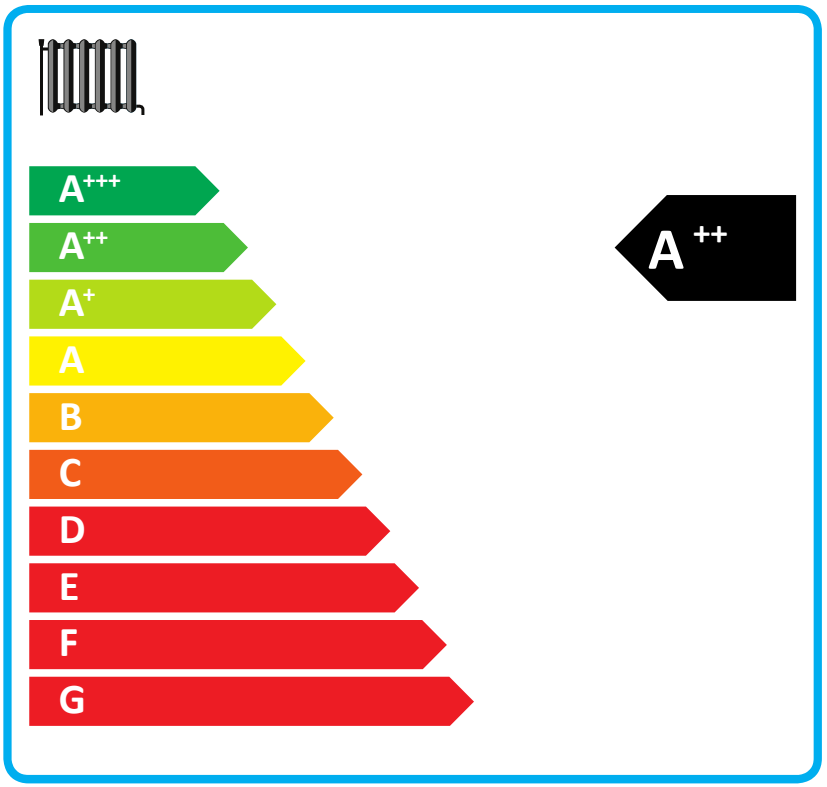
FHE Confort TH PAC

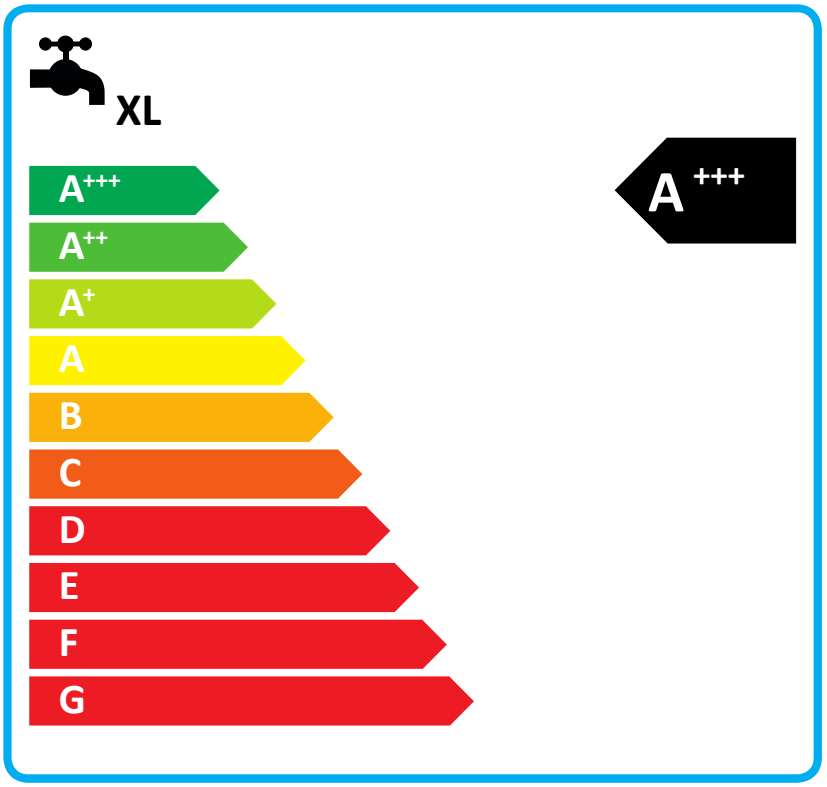
Dynamic 30
H4p
TKS 500150D
Thermostat Classe I

#NKAM6152









2015

811/2013

Seasonal space heating energy efficiency of heat pump: 123,0 %

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%

\+ 1,0 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (in %)

(0,00 – 123,00) x 0,00 = + 0,0 %

Solar contribution

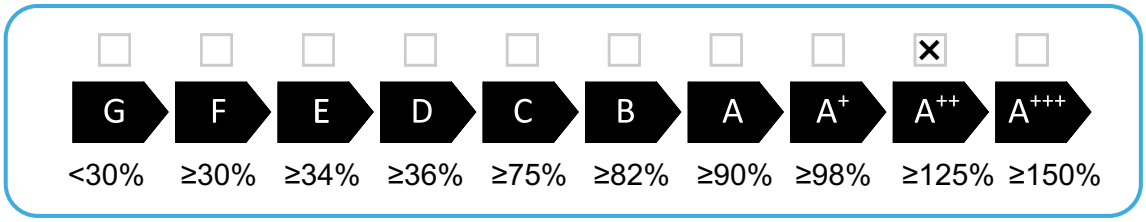
From fiche of solar device

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)

(0,92 x 8,24 + 0,36 x 0,475) x 0,45 x (60,00 / 100) x 0,86 = + 1,8 %

Seasonal space heating energy efficiency of package: 126 %

Seasonal space heating energy efficiency class of package



Seasonal space heating energy efficiency under colder and warmer conditions

Colder: 125,80 – 123,00 = 3 %

Warmer: 125,80 + -123,00 = 3 %

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 **98,0** %

Declared load profile: **XL**

Solar contribution
From fiche of solar device

Auxiliary electricity

(1,1 x 98 – 10 %) x 3,88 – **4,47** – 98 = + **276,7** %

Water heating energy efficiency of package under average climate **375** %

Water heating energy efficiency class of package under average climate

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Water heating energy efficiency under colder and warmer climate conditions

Colder: **375** – 0.2 x **276,7** = **319** %

Warmer: **375** + 0.4x **276,7** = **485** %

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