



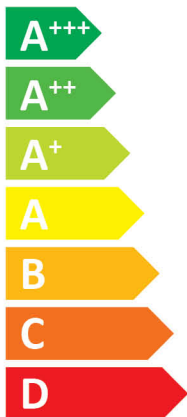
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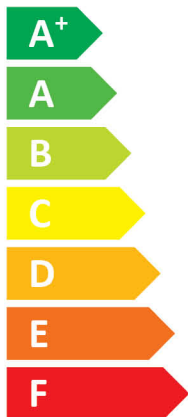
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alpha innotec

WZSV 42K3MC



A++



A



42 dB



- dB



4 kW

4 kW

4 kW





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alpha innotec

WZSV 42K3MC



A+++

A++

A+

A

B

C

D

A++



A+

A

B

C

D

E

F

A



42 dB



- dB



4 kW

4 kW

4 kW



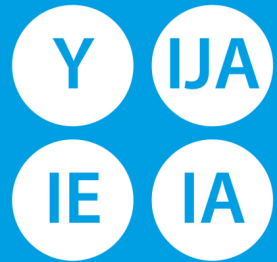
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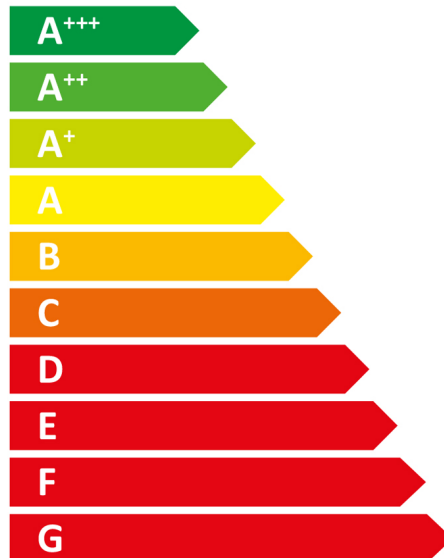
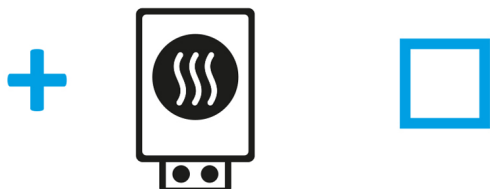
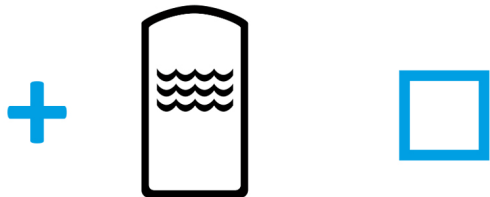
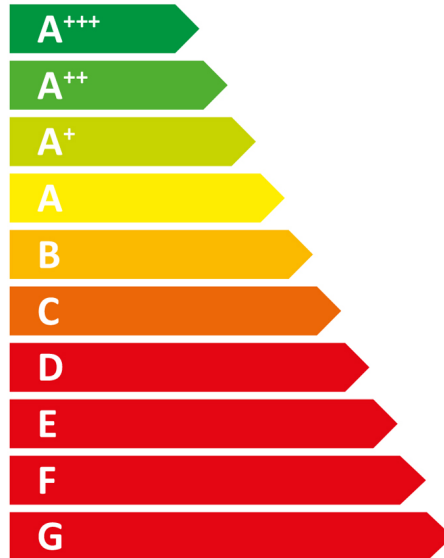
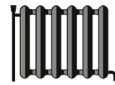
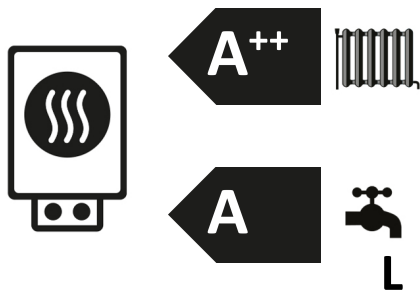
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alpha innotec

WZSV 42K3MC + Lux 2.1



package (heat pumps and combination heater with heat pump) WZSV 42K3MC + Lux 2.1

Seasonal space heating energy efficiency of heat pump (η_s)	1	135	%
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Rated heat output of the heat pump (Prated kW)	4
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Temperature control	Class	II	(Table 1)	+	2	2,0	%
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Supplementary boiler

package with hot water storage tank	no	P_{sup} kW (rated heat output of supplementary heater)
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ησ % (συπ)

(α_{WE} : see Table 3)

solar contribution	$(A_{Koll} \text{ m}^2)$	$(\eta_{Koll} \%)$
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($V_{Sp} \text{ m}^3$) (standstill heat loss of the hot water storage tank in W)

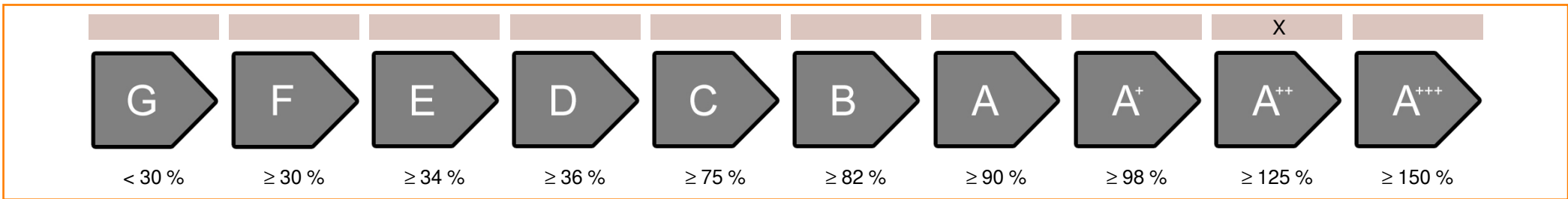
(η Sp: Table 2)

$$\left(\frac{294}{P_{\text{rated}}} \times 11 \right) \times (A_{\text{Koll}} \text{ m}^2) + \left(\frac{115}{P_{\text{rated}}} \times 11 \right) \times (V_{\text{Sp}} \text{ m}^3) \times 0,45 \times \left(\frac{\eta_{\text{Koll}} \%}{100} \right) \times (\eta_{\text{Sp}}) = \quad + \quad \textcircled{4} \quad \text{\%}$$

Seasonal space heating energy efficiency of package	5	137	%
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rounded to the nearest integer

Seasonal space heating energy efficiency class of package



Seasonal space heating energy efficiency under colder or warmer climate conditions

Seasonal space heating energy efficiency of the heat pump (η_s) under colder climate conditions	142	%
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Seasonal space heating energy efficiency of the heat pump (η_s) under warmer climate conditions	131	%
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colder ⁵ 137 -V -7 = 144 warmer ⁵ 137 +VI -4 = 133

heatpump datasheet:			
manufacturer:		alpha innotec	
model:		WZSV 42K3MC	
Information concerning energy efficiency class and rated heat output:			
load profile water heating		L	-
	average / low	average / medium	
energy efficiency class space heater:	A+++	A++	-
energy efficiency class waterheating	A		-
rated heat output:	4	4	kW
annual final energy consumption space heater	1610	2436	kWh
annual electricity consumption waterheating	1119		kWh
energy efficiency space heater:	192	135	%
energy efficiency waterheating	92		%
sound power level indoors		42	dB
special precautions concerning assembly, installation or maintenance			
All instructional work in this manual may only be carried out by qualified specialist personnel in compliance with local regulations.			
additional information	low	medium	
rated heat output colder climate	4	4	kW
rated heat output warmer climate	4	4	kW
annual energy consumption space heater colder climate	1846	2377	kWh
annual energy consumption space heater warmer climate	1096	1388	kWh
ann. Electricity consumption waterheating colder climate	1119		kWh
ann. Electricity consumption waterheating warmer climate	1119		kWh
energy efficiency space heater colder climate	198	142	%
energy efficiency space heater warmer climate	180	131	%
energy efficiency waterheating colder climate	92		%
energy efficiency DHWwarmer climate	92		%
sound power level outdoors		-	dB

technical data of the temperature controller		
manufacturer:	alpha innotec	
model:	Lux 2.1	
controller class	II	-
contribution of the controller to the energy efficiency space heater	2,0	%

