



ENERG
енергия · ενεργεια



10075341

alpha innotec

PWZSV 62H3S



A+++

A+++

A+

A++

A

A

A+

B

A

C

B

D

C

E

D

F



44 dB



- dB



6 kW

6 kW

6 kW





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A+++

A+++

A+

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44 dB



- dB



6 kW

6 kW

6 kW





ENERG

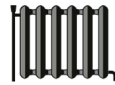
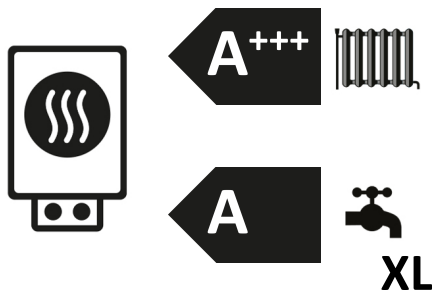
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PWZSV 62H3S + Luxtronik 2.1



A+++

A++

A+

A

B

C

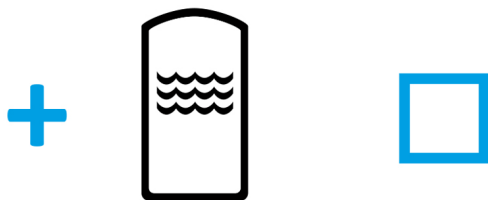
D

E

F

G

A+++



A+++

A++

A+

A

B

C

D

E

F

G

A

package (heat pumps and combination heater with heat pump) PWZSV 62H3S + Luxtronik 2.1

Seasonal space heating energy efficiency of heat pump (η_s)	1	150	%
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Rated heat output of the heat pump (Prated kW)	6
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Temperature control	Class	VII	(Table 1)	+	2	3,5	%
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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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no

 P_{sup} kW (rated heat output of supplementary heater)

$$(\eta_s \% (\text{sup}) - 1) \times (\alpha_{WP}) = - \quad \text{3} \quad \text{\%}$$

(α_{WE} : see Table 3)

solar contribution $(A_{Koll} \text{ m}^2)$ $(\eta_{Koll} \%)$

(standstill heat loss of the hot water storage tank in W)

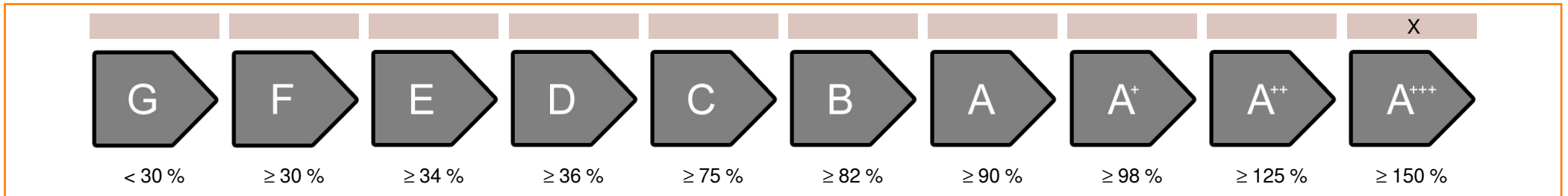
$$((294/P_{\text{rated}} \times 11) \times (A_{\text{Koll}} \text{ m}^2) + (115/P_{\text{rated}} \times 11) \times (V_{\text{Sp}} \text{ m}^3)) \times 0,45 \times ((\eta_{\text{Koll}} \%) / 100) \times (\eta_{\text{Sp}}) = + \textcircled{4} \text{ } \square \%$$

Seasonal space heating energy efficiency of package	5	153	%
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153	%
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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	157	%
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157 %

Seasonal space heating energy efficiency of the heat pump (η_s) under warmer climate conditions	151	%
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151 %

colder ⁵ 153 -V -7 = 160 warmer ⁵ 153 +VI 1 = 154

153

$-V$

-7

$$=$$

160

warmer 5

153

+VI 

1

$$=$$

154

heatpump datasheet:			
manufacturer:		alpha innotec	
model:		PWZSV 62H3S	
Information concerning energy efficiency class and rated heat output:			
load profile water heating		XL	-
	average / low	average / medium	
energy efficiency class space heater:	A+++	A+++	-
energy efficiency class waterheating	A		-
rated heat output:	6	6	kW
annual final energy consumption space heater	2192	2878	kWh
annual electricity consumption waterheating	1675		kWh
energy efficiency space heater:	199	150	%
energy efficiency waterheating	100		%
sound power level indoors		44	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	6	6	kW
rated heat output warmer climate	6	6	kW
annual energy consumption space heater colder climate	2482	3288	kWh
annual energy consumption space heater warmer climate	1402	1851	kWh
ann. Electricity consumption waterheating colder climate	1675		kWh
ann. Electricity consumption waterheating warmer climate	1675		kWh
energy efficiency space heater colder climate	210	157	%
energy efficiency space heater warmer climate	202	151	%
energy efficiency waterheating colder climate	100		%
energy efficiency DHWwarmer climate	100		%
sound power level outdoors		-	dB

technical data of the temperature controller		
manufacturer:	alpha innotec	
model:	Luxtronik 2.1	
controller class	VII	-
contribution of the controller to the energy efficiency space heater	3,5	%

