



ENERG  
енергия · ενέργεια

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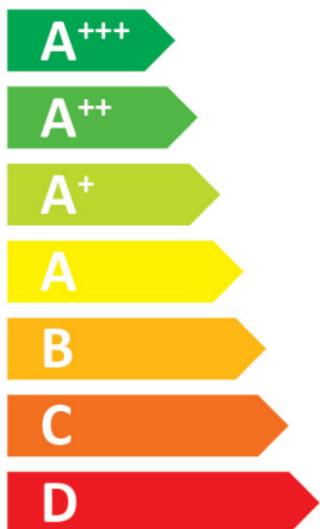
alpha innotec

SWCV62H1



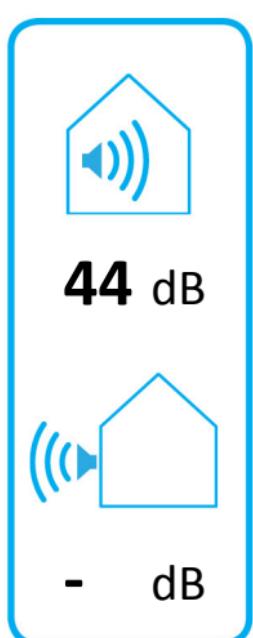
55 °C

35 °C



A+++

A+++



■ 6  
■ 6  
■ 6  
kW

■ 6  
■ 6  
■ 6  
kW



2019

811/2013



# ENERGY

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SWCV62H1



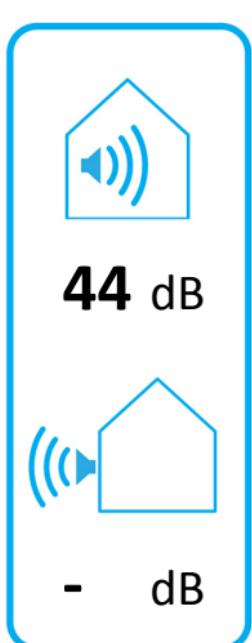
55 °C

35 °C



A+++

A+++



■ 6  
■ 6  
■ 6  
kW

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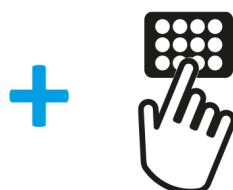
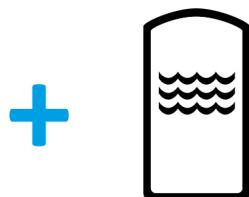
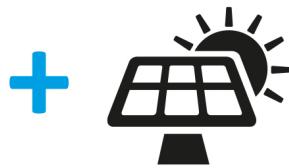
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alpha innotec

SWCV62H1 + Luxtronik 2.1



A+++



A+++

A++

A<sup>+</sup>

A

B

C

D

E

F

G

A+++

# package (heat pumps and combination heater with heat pump) - SWCV62H1 + Luxtronik 2.1

Seasonal space heating energy efficiency of heat pump ( $\eta_s$ )

① 150 %

## **Rated heat output of the heat pump (Prated kW)**

Temperature control

Class

6

VII (Table 1)

+

② 3,5 %

Supplementary boiler

package with hot water storage tank

no  
 $\eta_{Sp} \%$  (συπ)

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

( $\eta_s \%$  (sup)) - ①

$$x (\alpha_{WP}) = -$$

③ %

(αWE: see Table 3)

solar contribution

$(\alpha_{WE})$   
 $(A_{Koll} m^2)$   
 $(V_{Sp} m^3)$

( $\eta_{Koll} \%$ )

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

( $\eta_{Sp}$ : Table 2)

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

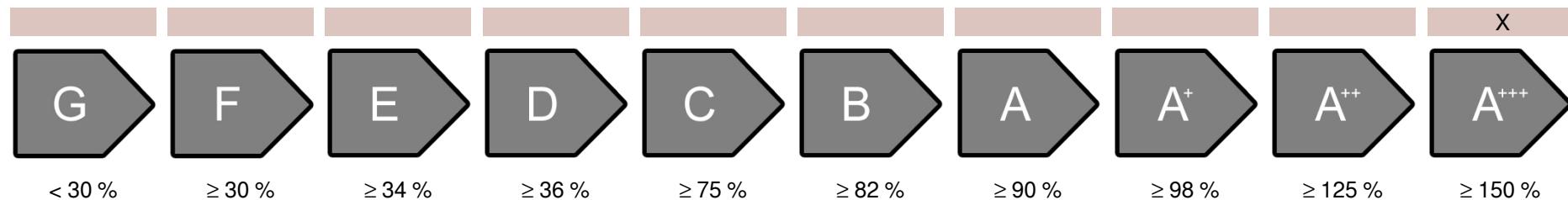
④ %

Seasonal space heating energy efficiency of package

⑤ 153 %

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 ( $\eta_s$ ) under colder climate conditions**

157 %

**Seasonal space heating energy efficiency of the heat pump ( $\eta_s$ ) under warmer climate conditions**

151 %

colder ⑤

153

-V

-7

=

160

warmer ⑤

153

+VI

1

= 154

**heatpump datasheet:**

<b>manufacturer:</b>	<b>alpha innotec</b>
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<b>model:</b>	<b>SWCV62H1</b>
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**Information concerning energy efficiency class and rated heat output:**

	average / low	average / medium	
energy efficiency class space heater:	A+++	A+++	-
rated heat output:	6	6	kW
energy efficiency space heater:	199	150	%
annual final energy consumption space heater	2192	2878	kWh

sound power level indoors	44	dB
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**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.

<b>additional information</b>	low	medium	
rated heat output colder climate	6	6	kW
rated heat output warmer climate	6	6	kW
energy efficiency space heater colder climate	210	157	%
energy efficiency space heater warmer climate	202	151	%
annual energy consumption space heater colder climate	2482	3288	kWh
annual energy consumption space heater warmer climate	1402	1851	kWh

sound power level outdoors	-	dB
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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	%



