

10071541

alpha innotec

SWCV62H3



55 °C

35 °C





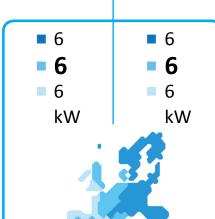




44 dB



dB



2019

811/2013



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SWCV62H3



55 °C

35 °C



A+++

A+++

Λ+

Δ

B

C



44 dB



- dB

6

6

kW

6

6

6

kW



2019

811/2013



IJA ENERG енергия · ενεργεια

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alpha innotec

SWCV62H3 + Luxtronik 2.1



























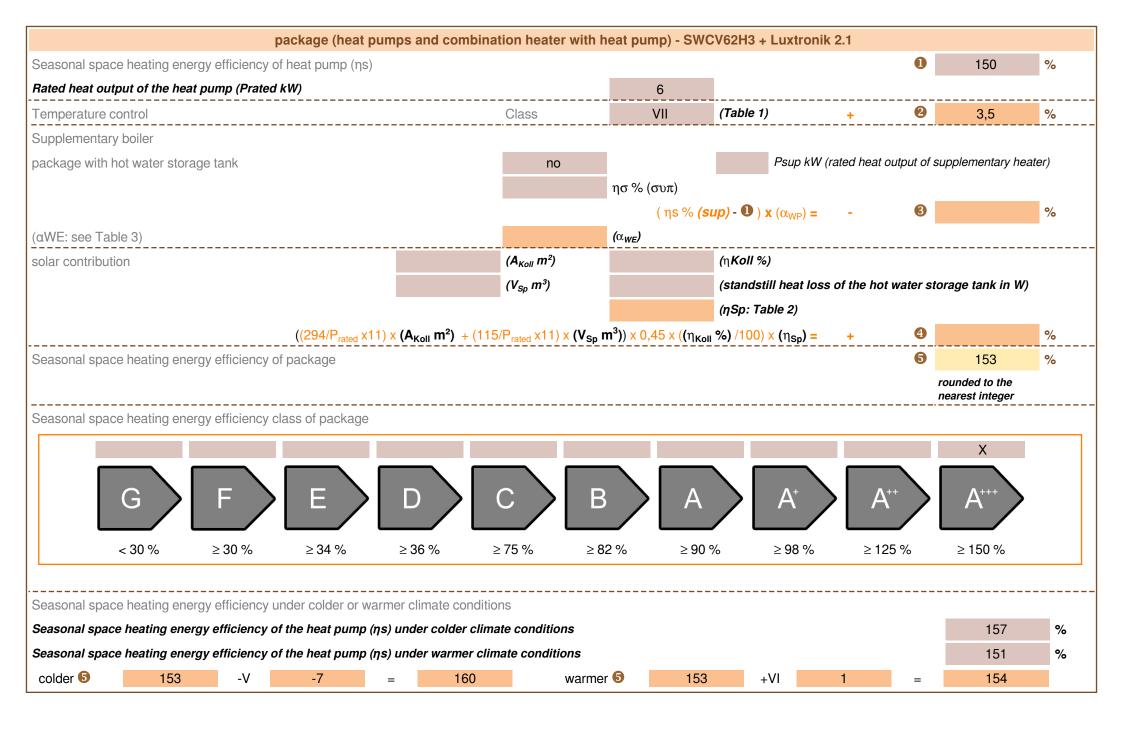




B



E



heatpump datasheet:				
manufacturer:	alpha innotec			
model:	SWCV62H3	SWCV62H3		
Information concerning energy efficiency class and rat	ed 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	
		•	<u>'</u>	
special precautions concerning assembly, installation	or maintenance			
regulations.				
additional information	low	medium		
rated heat output colder climate	6	6	kW	
rated heat output warmer climate	6	6	kW	
energy effiency space heater colder climate	210	157	%	
energy effiency 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	
·		1		

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

SWCV62H3			
yes			
no			
no			
yes			
no			
medium			
	Symbol	Value	Unit
I space heating fficiency	ηS	149,9	%
coefficient of perfo ture 20°C and outdo			indoor
	COPd	3,06	-
;	COPd	3,97	-
;	COPd	4,63	-
С	COPd	4,86	-
ent temperature	COPd	2,84	-
ation limit temperature	COPd	2,84	-
water heat pumps: Tj if TOL < -20°C)	COPd	-	-
water heat pumps: Ilimit temperature	TOL	-10	°C
terval efficiency	COPcyc	-	-
vater operating limit ure	WTOL	65	°C
entary heater		•	•
at output	Psup	-	kW
nergy input		electrical	
water heat pumps: flow rate, outdoors	-	-	m ³ /h
-/brine-to-water heat ated brine or water outdoor heat r	-	1	m ³ /h
	-	-	-
ating energy efficiency	ν η _{wh}	-	%
consumption	Qfuel	-	kWh
endorf Germany		•	
endor at out e supp	f Germany put Prated is equal plementary capa	f Germany put Prated is equal to the de plementary capacity for heati	· · · · · · · · · · · · · · · · · · ·

Model			SWCV62H3				
Air-to-water heat pump: (yes/no)			no				
Brine-to-water heat pump: (yes/no)			yes	yes			
Water-to-water heat pump: (yes/no)			no				
Low-temperature heat pump: (yes/no)			no				
Equipped with supplementary heater: (yes/no)			yes				
combination heater with: (yes/no)			no				
application: (low/medium)				low			
climate: (colder/average/warmer))			average			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output	Prated	6	kW	Seasonal space heating energy efficiency	ηS	199,4	%
Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature Tj		Declared coefficient of perfor temperature 20°C and outdoor			indoor		
Tj = -7°C	Pdh	5,0	kW	Tj = -7°C	COPd	4,37	-
Tj = +2°C	Pdh	3,1	kW	Tj = +2°C	COPd	5,24	-
Tj = +7°C	Pdh	2,0	kW	Tj = +7°C	COPd	5,92	-
Tj = +12°C	Pdh	1,3	kW	Tj = +12°C	COPd	5,95	-
Tj = bivalent temperature	Pdh	5,4	kW	Tj = bivalent temperature	COPd	4,15	-
Tj = operation limit temperature	Pdh	5,4	kW	Tj = operation limit temperature	COPd	4,15	-
For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)	COPd	-	-
Bivalent temperature	T _{biv}	-10	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-
Degradation co-efficient (**)	Cdh	1,0	-	Heating water operating limit temperature	WTOL	65	°C
Power consumption in modes	other that	n active mod	e	Supplementary heater	•		
Off mode	P _{OFF}	0,002	kW	Rated heat output	Psup	-	kW
Thermostat-off mode	P _{TO}	0,007	kW	Type of energy input		electrical	
Standby mode	P_{SB}	0,007	kW				
Crankcase heater mode	P _{CK}	0,009	kW				
Other items							
Capacity control	variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	-	m ³ /h
sound power level, indoors/outdoors	L _{WA}	44 / -	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	1	m ³ /h
Emissions of nitrogen oxides	NO _X	-	mg/kWh				
For heat pump combination h	eater:						
Declared load profile		-		Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kWh	Daily fuel consumption	Qfuel	-	kWh
Contact details		land GmbH Ir	ndustriestr. 3	95359 Kasendorf Germany	•		-
				the rated heat output Prated is equ equal to the supplementary capac			eating
(**) If Cdh is not determined by m		-					