



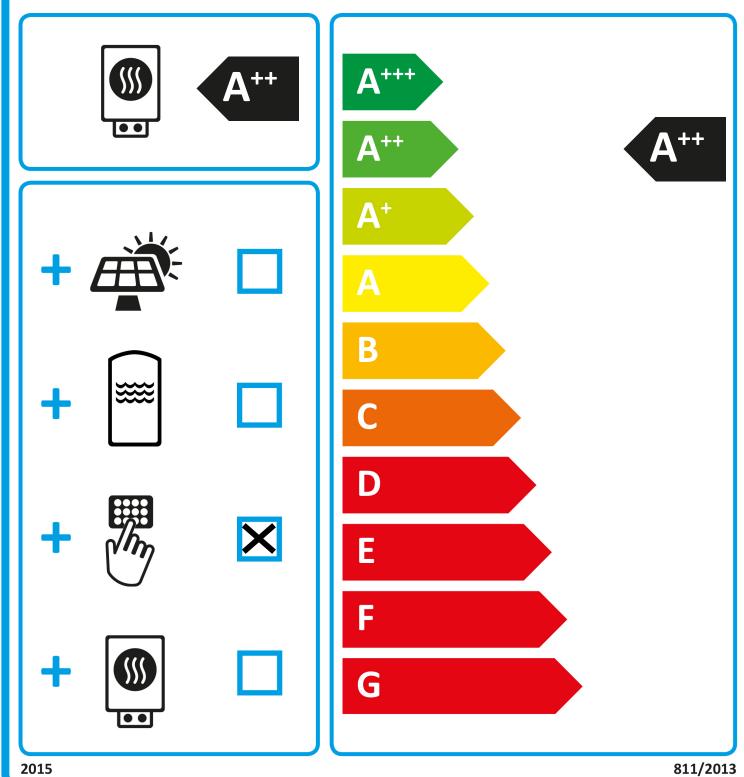


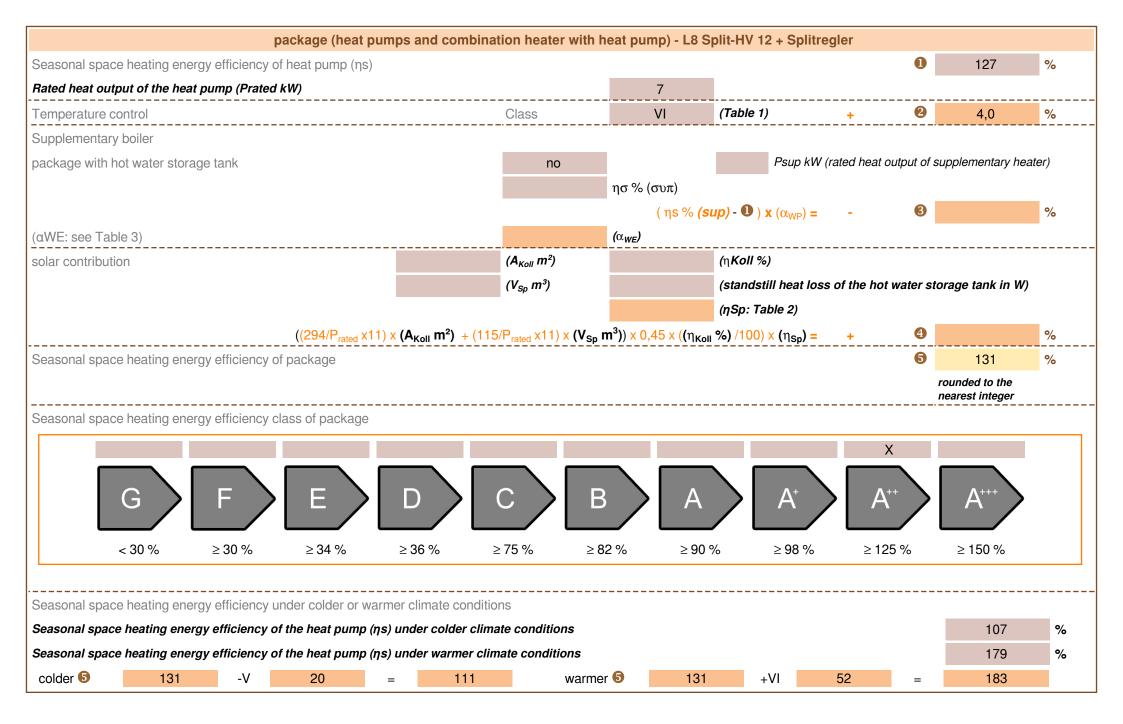
#### 103626HV1201

NOVELAN

L8 Split-HV 12 + Splitregler

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heatpump datasheet:					
NOVELAN					
L8 Split-HV 12					

## Information concerning energy efficiency class and rated heat output:

	average / low	average / medium	
energy efficiency class space heater:	A++	A++	-
rated heat output:	8	7	kW
energy efficiency space heater:	172	127	%
annual final energy consumption space heater	3874	4435	kWh

35

dB

#### sound power level indoors

## 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	9	10	kW
rated heat output warmer climate	8	8	kW
energy effiency space heater colder climate	138	107	%
energy effiency space heater warmer climate	227	179	%
annual energy consumption space heater colder climate	6278	9003	kWh
annual energy consumption space heater warmer climate	1860	2350	kWh
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sound power level outdoors		55	dB

technical data of the temperature controller						
manufacturer:	NOVELAN					
model:		Splitregler				
controller class		VI	-			
contribution of the controller to the energy efficiency space heater		4,0	%			

Model				L8 Split-HV 12			
Air-to-water heat pump: (yes/no)				yes			
Brine-to-water heat pump: (yes/n	o)			no			
Water-to-water heat pump: (yes/	no)			no			
Low-temperature heat pump: (ye	s/no)			no			
Equipped with supplementary he	ater: (yes/no	o)		no			
combination heater with: (yes/no)	)			no			
application: (low/medium)				medium			
climate: (colder/average/warmer)				average			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output	Prated	7	kW	Seasonal space heating energy efficiency	ηS	127,0	%
Declared coefficient of perfor temperature 20°C and outdoo			indoor	Declared coefficient of perfor temperature 20°C and outdoor			ndoor
Tj = -7°C	Pdh	6,3	kW	Tj = -7°C	COPd	1,94	-
Tj = +2°C	Pdh	3,9	kW	Tj = +2°C	COPd	3,11	-
Tj = +7°C	Pdh	2,6	kW	Tj = +7°C	COPd	4,42	-
Tj = +12°C	Pdh	3,7	kW	Tj = +12°C	COPd	5,93	-
Tj = bivalent temperature	Pdh	6,6	kW	Tj = bivalent temperature	COPd	1,83	-
Tj = operation limit temperature	Pdh	5,9	kW	Tj = operation limit temperature	COPd	1,86	-
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 <sub>biv</sub>	-9	°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	58	°C
Power consumption in modes	other that	n active mod	e	Supplementary heater			
Off mode	P <sub>OFF</sub>	0,002	kW	Rated heat output	Psup	1,1	kW
Thermostat-off mode	P <sub>TO</sub>	0,015	kW	Type of energy input		electrical	1
Standby mode	P <sub>SB</sub>	0,015	kW	1			
Crankcase heater mode	Рск	0,030	kW				
Other items							
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	3.000	m³/h
sound power level, indoors/outdoors	L <sub>WA</sub>	35 / 55	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m <sup>3</sup> /h
Emissions of nitrogen oxides	NO <sub>X</sub>	-	mg/kWh	·	-		-
For heat pump combination h							
Declared load profile		-		Water heating energy efficiency	$\eta_{wh}$	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Qfuel	-	kWh
Contact details		land GmbH Ir		95359 Kasendorf Germany			•
(*) For heat pump space heaters	and heat pu	Imp combinat	ion heaters,	the rated heat output Prated is equ equal to the supplementary capac			eating
			-	tion coefficient is Cdh = 0,9.	-	/	

Model				L8 Split-HV 12			
Air-to-water heat pump: (yes/no)				yes			
Brine-to-water heat pump: (yes/n	o)			no			
Water-to-water heat pump: (yes/	าด)			no			
Low-temperature heat pump: (ye	s/no)			no			
Equipped with supplementary heater: (yes/no)				no			
combination heater with: (yes/no)				no			
application: (low/medium)				low			
climate: (colder/average/warmer)	)			average			
					Value	Unit	
Rated heat output	Prated	8	kW	Seasonal space heating energy efficiency	ηS	172,0	%
Declared coefficient of perfor temperature 20°C and outdoor			indoor	Declared coefficient of perfor temperature 20 °C and outdoo			ndoor
Tj = -7°C	Pdh	7,4	kW	Tj = -7°C	COPd	2,92	-
Tj = +2°C	Pdh	4,5	kW	Tj = +2°C	COPd	4,30	-
Tj = +7°C	Pdh	2,9	kW	Tj = +7°C	COPd	5,42	-
Tj = +12°C	Pdh	3,5	kW	Tj = +12°C	COPd	7,37	-
Tj = bivalent temperature	Pdh	7,4	kW	Tj = bivalent temperature	COPd	2,86	-
Tj = operation limit temperature	Pdh	6,9	kW	Tj = operation limit temperature	COPd	2,67	-
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 <sub>biv</sub>	-8	°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	58	°C
Power consumption in modes	other that	n active mod	e	Supplementary heater			
Off mode	P <sub>OFF</sub>	0,002	kW	Rated heat output	Psup	1,4	kW
Thermostat-off mode	P <sub>TO</sub>	0,015	kW	Type of energy input		electrical	1
Standby mode	P <sub>SB</sub>	0,015	kW	1			
Crankcase heater mode	Рск	0,030	kW				
Other items			1				
Capacity control	variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	3.000	m³/h
sound power level, indoors/outdoors	L <sub>WA</sub>	35 / 55	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m <sup>3</sup> /h
Emissions of nitrogen oxides	NO <sub>X</sub>	-	mg/kWh				-
For heat pump combination h	eater:	-					
Declared load profile		-		Water heating energy efficiency	$\eta_{wh}$	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Qfuel	-	kWh
Contact details		Iand GmbH Ir	ndustriestr. 3	95359 Kasendorf Germany			
	and heat pu	Imp combinat	ion heaters,	the rated heat output Prated is equ equal to the supplementary capac			eating
(**) If Cdh is not determined by m			-		-		
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