

Model(s): EBLA08E23V3 / EKHWSU300D3V3								
Air-to-water heat pump: Yes								
Water-to-water heat pump: No								
Brine-to-water heat pump: No								
Low-temperature heat pump: No								
Equipped with a supplementary heater: Yes								
Heat pump combination heater: No								
Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low-temperature heat pumps, parameters shall be declared for low-temperature application.								
Parameters shall be declared for average, colder and warmer climate conditions.								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heat output ⁽³⁾	<i>Prated</i>	8.0	kW		Seasonal space heating energy efficiency	η_s	131	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j					Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j			
$T_j = - 7\text{ °C}$	<i>Pdh</i>	6.9	kW		$T_j = - 7\text{ °C}$	<i>COPd or PERd</i>	1.96 78.4	– or %
$T_j = + 2\text{ °C}$	<i>Pdh</i>	4.4	kW		$T_j = + 2\text{ °C}$	<i>COPd or PERd</i>	3.20 128.0	– or %
$T_j = + 7\text{ °C}$	<i>Pdh</i>	3.3	kW		$T_j = + 7\text{ °C}$	<i>COPd or PERd</i>	4.64 185.6	– or %
$T_j = + 12\text{ °C}$	<i>Pdh</i>	4.1	kW		$T_j = + 12\text{ °C}$	<i>COPd or PERd</i>	6.22 248.8	– or %
T_j = bivalent temperature	<i>Pdh</i>	7.5	kW		T_j = bivalent temperature	<i>COPd or PERd</i>	1.90 76.0	– or %
T_j = operation limit temperature	<i>Pdh</i>	7.05	kW		T_j = operation limit temperature	<i>COPd or PERd</i>	1.64 65.6	– or %
For air-to-air heat pumps: $T_j = - 15\text{ °C}$ (if $TOL < - 20\text{ °C}$)	<i>Pdh</i>		kW		For air-to-air heat pumps: $T_j = - 15\text{ °C}$ (if $TOL < - 20\text{ °C}$)	<i>COPd or PERd</i>		– or %
Bivalent temperature	T_{biv}	-8	°C		For air-to-water heat pumps: Operation limit temperature	<i>TOL</i>	-10	°C
Cycling interval capacity for heating	<i>Pcych</i>		kW		Cycling interval efficiency	<i>COPcyc or PERcyc</i>		– or %
Degradation co-efficient ⁽⁴⁾	<i>Cdh</i>		—		Heating water operating limit temperature	<i>WTOL</i>	55	°C
Power consumption in modes other than active mode					Equipped with a supplementary heater:			
Off mode	P_{OFF}	0.010	kW		Rated heat output ⁽⁴⁾	P_{sup}		kW
Thermostat-off mode	P_{TO}	0.010	kW			Type of energy input		
Standby mode	P_{SB}	0.010	kW					
Crankcase heater mode	P_{CK}	0.000	kW					
Other items								
Capacity control					For air-to-water heat pumps: Rated air flow rate, outdoors			
Sound power level, indoor/outdoor	L_{WA}	/ 62.0	dB		For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
Annual energy consumption	Q_{HE}	4,939 18	kWh or GJ					
For heat pump combination heater:								
Declared load profile	XL				Water heating energy efficiency	η_{wh}	114	%
Daily electricity consumption	Q_{elec}	6.870	kWh		Daily fuel consumption	Q_{fuel}		kWh
Annual electricity consumption	<i>AEC</i>	1,466	kWh		Annual fuel consumption	<i>AFC</i>		GJ
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⁽³⁾) For heat pump space heaters and heat pump combination heaters, the rated heat output 'Prated' is equal to the design load for heating 'Pdesignh', and the rated heat output of a supplementary heater 'Psup' is equal to the supplementary capacity for heating 'sup(Tj)'.
⁽⁴⁾ If 'Cdh' is not determined by measurement then the default degradation coefficient is 'Cdh' = 0,9.