

Model(s): EBLA16DAV3 / 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: No								
Heat pump combination heater: Yes								
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>	12.0	kW		Seasonal space heating energy efficiency	η_s	132	%
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>	9.4	kW		$T_j = - 7\text{ °C}$	<i>COPd or PERd</i>	1.95 78.0	– or %
$T_j = + 2\text{ °C}$	<i>Pdh</i>	6.9	kW		$T_j = + 2\text{ °C}$	<i>COPd or PERd</i>	3.27 130.8	– or %
$T_j = + 7\text{ °C}$	<i>Pdh</i>	4.4	kW		$T_j = + 7\text{ °C}$	<i>COPd or PERd</i>	4.93 197.2	– or %
$T_j = + 12\text{ °C}$	<i>Pdh</i>	5.3	kW		$T_j = + 12\text{ °C}$	<i>COPd or PERd</i>	6.60 264.0	– or %
T_j = bivalent temperature	<i>Pdh</i>	10.1	kW		T_j = bivalent temperature	<i>COPd or PERd</i>	2.13 85.2	– or %
T_j = operation limit temperature	<i>Pdh</i>	8.0	kW		T_j = operation limit temperature	<i>COPd or PERd</i>	1.67 66.8	– 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}	-5	°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	<i>P_{OFF}</i>	0.023	kW		Rated heat output ⁽⁴⁾	<i>Psup</i>		kW
Thermostat-off mode	<i>P_{TO}</i>	0.023	kW		Type of energy input			
Standby mode	<i>P_{SB}</i>	0.023	kW					
Crankcase heater mode	<i>P_{CK}</i>	0.000	kW					
Other items								
Capacity control					For air-to-water heat pumps: Rated air flow rate, outdoors	—		m³/h
Sound power level, indoor/outdoor	<i>L_{WA}</i>	/ 62.0	dB		For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	—		m³/h
Annual energy consumption	<i>Q_{HE}</i>	7,359 26	kWh or GJ					
For heat pump combination heater:								
Declared load profile	L				Water heating energy efficiency	η_{wh}	109	%
Daily electricity consumption	<i>Q_{elec}</i>	4.460	kWh		Daily fuel consumption	<i>Q_{fuel}</i>		kWh
Annual electricity consumption	<i>AEC</i>	940	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.