

Model(s): EBLA16DA3V3 / EKHWSU180D3V3								
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: 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⁾	Prated	12.0	kW		Seasonal space heating energy efficiency	ηs	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj					Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = − 7 °C	Pdh	9.4	kW		Tj = − 7 °C	COPd or PERd	1.95 78.0	— or %
Tj = + 2 °C	Pdh	6.9	kW		Tj = + 2 °C	COPd or PERd	3.27 130.8	— or %
Tj = + 7 °C	Pdh	4.4	kW		Tj = + 7 °C	COPd or PERd	4.93 197.2	— or %
Tj = + 12 °C	Pdh	5.3	kW		Tj = + 12 °C	COPd or PERd	6.60 264.0	— or %
Tj = bivalent temperature	Pdh	10.1	kW		Tj = bivalent temperature	COPd or PERd	2.13 85.2	— or %
Tj = operation limit temperature	Pdh	8.0	kW		Tj = operation limit temperature	COPd or PERd	1.67 66.8	— or %
For air-to-air heat pumps: Tj = − 15 °C (if TOL < − 20 °C)	Pdh		kW		For air-to-air heat pumps: Tj = − 15 °C (if TOL < − 20 °C)	COPd or PERd		— or %
Bivalent temperature	Tbiv	-5	°C		For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval capacity for heating	Pcych		kW		Cycling interval efficiency	COPcyc or PERcyc		— or %
Degradation co-efficient ⁽⁴⁾	Cdh		—		Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode					Equipped with a supplementary heater:			
Off mode	POFF	0.023	kW		Rated heat output ⁽⁴⁾	Psup		kW
Thermostat-off mode	PTO	0.023	kW		Type of energy input			
Standby mode	PSB	0.023	kW					
Crankcase heater mode	PCK	0.000	kW					
Other items								
Capacity control	Variable				For air-to-water heat pumps: Rated air flow rate, outdoors	—	5,100	m³/h
Sound power level, indoor/outdoor	LWA	/ 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	QHE		kWh or GJ					
For heat pump combination heater:								
Declared load profile	L				Water heating energy efficiency	ηwh	105	%
Daily electricity consumption	Qelec	4.620	kWh		Daily fuel consumption	Qtuel		kWh
Annual electricity consumption	AEC	976	kWh		Annual fuel consumption	AFC		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.