

Model(s): EBBX16DF6V / ERLA16DAV3 / EKHSU180D3V3										
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: 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⁾		Prated	12	kW		Seasonal space heating energy efficiency		ηs	131	%
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	6.0	kW		Tj = operation limit temperature		COPd or PERd	1.50 60.0	— 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		Tblv	-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	6.0	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	44.0 / 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	7,392 27	kWh or GJ						
For heat pump combination heater:										
Declared load profile		L				Water heating energy efficiency		ηwh	105	%
Daily electricity consumption		Qelec	4.62	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.