

Model(s): ETBX12EF6V / EPRA12EAV3 / EKHWSU200D3V3								
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 <sup>(3)</sup>	Prated	8.5	kW		Seasonal space heating energy efficiency	ηs	136	%
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	7.6	kW		Tj = − 7 °C	COPd or PERd	2.21 88.5	– or %
Tj = + 2 °C	Pdh	4.6	kW		Tj = + 2 °C	COPd or PERd	3.37 134.8	– or %
Tj = + 7 °C	Pdh	3.0	kW		Tj = + 7 °C	COPd or PERd	4.48 179.2	– or %
Tj = + 12 °C	Pdh	3.7	kW		Tj = + 12 °C	COPd or PERd	5.98 239.4	– or %
Tj = bivalent temperature	Pdh	8.3	kW		Tj = bivalent temperature	COPd or PERd	1.97 78.7	– or %
Tj = operation limit temperature	Pdh	8.3	kW		Tj = operation limit temperature	COPd or PERd	1.97 78.7	– or %
For air-to-air heat pumps: Tj = − 15 °C (if TOL < − 20 °C)	Pdh	7.0	kW		For air-to-air heat pumps: Tj = − 15 °C (if TOL < − 20 °C)	COPd or PERd	2.56 102.6	– or %
Bivalent temperature	Tbiv	-10	°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 <sup>(4)</sup>	Cdh		—		Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode					Equipped with a supplementary heater:			
Off mode	P <sub>OFF</sub>	0.021	kW		Rated heat output <sup>(4)</sup>	P <sub>sup</sub>	6.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.024	kW		Type of energy input			
Standby mode	P <sub>SB</sub>	0.021	kW					
Crankcase heater mode	P <sub>CK</sub>	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	L <sub>WA</sub>	44.0 / 53.0	dB		For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	—		m³/h
Annual energy consumption	Q <sub>HE</sub>	5,043 18	kWh or GJ					
For heat pump combination heater:								
Declared load profile	L				Water heating energy efficiency	η <sub>wh</sub>	121	%
Daily electricity consumption	Q <sub>elec</sub>	4.007	kWh		Daily fuel consumption	Q <sub>fuel</sub>		kWh
Annual electricity consumption	AEC	845	kWh		Annual fuel consumption	AFC		GJ
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<sup>(3)</sup> ) 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)'.

<sup>(4)</sup> ) If 'Cdh' is not determined by measurement then the default degradation coefficient is 'Cdh' = 0,9.