

Model(s): EHBH08EA6V / ERGA08EAV3 / 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: 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 <sup>(3)</sup>	Prated	8.0	kW		Seasonal space heating energy efficiency	ηs	130	%
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	6.9	kW		Tj = − 7 °C	COPd or PERd	1.96 78	— or %
Tj = + 2 °C	Pdh	4.4	kW		Tj = + 2 °C	COPd or PERd	3.20 128	— or %
Tj = + 7 °C	Pdh	3.3	kW		Tj = + 7 °C	COPd or PERd	4.64 186	— or %
Tj = + 12 °C	Pdh	4.1	kW		Tj = + 12 °C	COPd or PERd	6.22 249	— or %
Tj = bivalent temperature	Pdh	7.5	kW		Tj = bivalent temperature	COPd or PERd	1.90 76	— or %
Tj = operation limit temperature	Pdh	7.1	kW		Tj = operation limit temperature	COPd or PERd	1.64 66	— 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	-8	°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	POFF	0.010	kW		Rated heat output <sup>(4)</sup>	Psup	6.0	kW
Thermostat-off mode	PTO	0.010	kW		Type of energy input			
Standby mode	PSB	0.010	kW					
Crankcase heater mode	PCK	0.000	kW					
Other items								
Capacity control	Variable				For air-to-water heat pumps: Rated air flow rate, outdoors	—	2,770.0	m³/h
Sound power level, indoor/outdoor	LWA	42 / 62	dB		For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	—		m³/h
Annual energy consumption	QHE	4,975 17.9	kWh or GJ					
For heat pump combination heater:								
Declared load profile	L				Water heating energy efficiency	ηwh	121	%
Daily electricity consumption	Qelec	3.99	kWh		Daily fuel consumption	Qtuel		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.