

Model(s): EABH16DF6V7 / EPGA16DAV37 / EKHWSU250D3V3								
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⁾	Prated	16	kW		Seasonal space heating energy efficiency	ηs	133	%
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	13.1	kW		Tj = − 7 °C	COPd or PERd	2.23 89.2	— or %
Tj = + 2 °C	Pdh	8.7	kW		Tj = + 2 °C	COPd or PERd	3.26 130.4	— or %
Tj = + 7 °C	Pdh	5.8	kW		Tj = + 7 °C	COPd or PERd	4.62 184.8	— or %
Tj = + 12 °C	Pdh	5.2	kW		Tj = + 12 °C	COPd or PERd	6.47 258.8	— or %
Tj = bivalent temperature	Pdh	12.9	kW		Tj = bivalent temperature	COPd or PERd	2.40 96.0	— or %
Tj = operation limit temperature	Pdh	13.2	kW		Tj = operation limit temperature	COPd or PERd	2.05 82.0	— or %
For air-to-air heat pumps: Tj = − 15 °C (if TOL < − 20 °C)	Pdh	14.6	kW		For air-to-air heat pumps: Tj = − 15 °C (if TOL < − 20 °C)	COPd or PERd	2.40 96.0	— 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	0.021	kW		Rated heat output ⁽⁴⁾	Psup	6.0	kW
Thermostat-off mode	PTO	0.041	kW		Type of energy input			
Standby mode	PSB	0.021	kW					
Crankcase heater mode	PCK	0.000	kW					
Other items								
Capacity control	Variable				For air-to-water heat pumps: Rated air flow rate, outdoors	—	8,100	m³/h
Sound power level, indoor/outdoor	LWA	/	dB		For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	—		m³/h
Annual energy consumption	QHE	9,706 34.9	kWh or GJ					
For heat pump combination heater:								
Declared load profile	XL				Water heating energy efficiency	ηwh	105	%
Daily electricity consumption	Qelec	7.540	kWh		Daily fuel consumption	Qtuel		kWh
Annual electricity consumption	AEC	1,613	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.