

Model(s): EBVH16S18DJ6V / ERLA16DAV3				
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	
Rated heat output ⁽³⁾	Prated	12	kW	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj = - 7 °C	Pdh	9.4	kW	
Tj = + 2 °C	Pdh	6.9	kW	
Tj = + 7 °C	Pdh	4.4	kW	
Tj = + 12 °C	Pdh	5.3	kW	
Tj = bivalent temperature	Pdh	10.1	kW	
Tj = operation limit temperature	Pdh	6.0	kW	
For air-to-air heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	Pdh		kW	
Bivalent temperature	Tblv	-5	°C	
Cycling interval capacity for heating	Pcych		kW	
Degradation co-efficient ⁽⁴⁾	Cdh		—	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.023	kW	
Thermostat-off mode	P _{TO}	0.023	kW	
Standby mode	P _{SB}	0.023	kW	
Crankcase heater mode	P _{CK}	0.000	kW	
Other items				
Capacity control	Variable			
Sound power level, indoor/outdoor	L _{WA}	44.0 / 62.0	dB	
Annual energy consumption	Q _{HE}	7,477 27	kWh or GJ	
For heat pump combination heater:				
Declared load profile	L			
Daily electricity consumption	Q _{elec}	4.260	kWh	
Annual electricity consumption	AEC	886	kWh	
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Item	Symbol	Value	Unit	
Seasonal space heating energy efficiency	η _s	130	%	
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj = - 7 °C	COP _d or PER _d	1.95 78.0	— or %	
Tj = + 2 °C	COP _d or PER _d	3.27 130.8	— or %	
Tj = + 7 °C	COP _d or PER _d	4.93 197.2	— or %	
Tj = + 12 °C	COP _d or PER _d	6.60 264.0	— or %	
Tj = bivalent temperature	COP _d or PER _d	2.13 85.2	— or %	
Tj = operation limit temperature	COP _d or PER _d	1.50 60.0	— or %	
For air-to-air heat pumps: Tj = - 15 °C (if TOL < - 20 °C)	COP _d or PER _d		— or %	
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C	
Cycling interval efficiency	COP _{cyc} or PER _{cyc}		— or %	
Heating water operating limit temperature	WTOL	55	°C	
Equipped with a supplementary heater:				
Rated heat output ⁽⁴⁾	P _{sup}	6.0	kW	
Type of energy input				
For air-to-water heat pumps: Rated air flow rate, outdoors				
For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger				
Water heating energy efficiency	η _{wh}	116	%	
Daily fuel consumption	Q _{fuel}		kWh	
Annual fuel consumption	AFC		GJ	

⁽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.