

Model(s): EABH16DA9W / EPGA14DAV3			
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: 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
Rated heat output <sup>(3)</sup>	<i>P<sub>rated</sub></i>	14	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature $T_j$			
$T_j = -7$ °C	<i>P<sub>dh</sub></i>	12.3	kW
$T_j = +2$ °C	<i>P<sub>dh</sub></i>	8.1	kW
$T_j = +7$ °C	<i>P<sub>dh</sub></i>	5.0	kW
$T_j = +12$ °C	<i>P<sub>dh</sub></i>	5.2	kW
$T_j$ = bivalent temperature	<i>P<sub>dh</sub></i>	12.3	kW
$T_j$ = operation limit temperature	<i>P<sub>dh</sub></i>	13.5	kW
For air-to-air heat pumps: $T_j = -15$ °C (if $TOL < -20$ °C)	<i>P<sub>dh</sub></i>	13.4	kW
Bivalent temperature	<i>T<sub>biv</sub></i>	-7	°C
Cycling interval capacity for heating	<i>P<sub>cy</sub></i>		kW
Degradation co-efficient <sup>(4)</sup>	<i>C<sub>dh</sub></i>		—
Power consumption in modes other than active mode			
Off mode	<i>P<sub>OFF</sub></i>	0.021	kW
Thermostat-off mode	<i>P<sub>TO</sub></i>	0.041	kW
Standby mode	<i>P<sub>SB</sub></i>	0.021	kW
Crankcase heater mode	<i>P<sub>CK</sub></i>	0.000	kW
Other items			
Capacity control	Variable		
Sound power level, indoor/outdoor	<i>L<sub>WA</sub></i>	44.0 / 64.0	dB
Annual energy consumption	<i>Q<sub>HE</sub></i>	8,669 / 31.2	kWh or GJ
For heat pump combination heater:			
<b>Declared load profile</b>			
Daily electricity consumption	<i>Q<sub>elec</sub></i>		kWh
Annual electricity consumption	<i>AEC</i>		kWh
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Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_s$	130	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature $T_j$			
$T_j = -7$ °C	<i>COP<sub>d</sub></i> or <i>PER<sub>d</sub></i>	2.17 / 86.8	– or %
$T_j = +2$ °C	<i>COP<sub>d</sub></i> or <i>PER<sub>d</sub></i>	3.18 / 127.2	– or %
$T_j = +7$ °C	<i>COP<sub>d</sub></i> or <i>PER<sub>d</sub></i>	4.46 / 178.4	– or %
$T_j = +12$ °C	<i>COP<sub>d</sub></i> or <i>PER<sub>d</sub></i>	5.94 / 237.6	– or %
$T_j$ = bivalent temperature	<i>COP<sub>d</sub></i> or <i>PER<sub>d</sub></i>	2.17 / 86.8	– or %
$T_j$ = operation limit temperature	<i>COP<sub>d</sub></i> or <i>PER<sub>d</sub></i>	2.10 / 84.0	– or %
For air-to-air heat pumps: $T_j = -15$ °C (if $TOL < -20$ °C)	<i>COP<sub>d</sub></i> or <i>PER<sub>d</sub></i>	2.43 / 97.2	– or %
For air-to-water heat pumps: Operation limit temperature	<i>TOL</i>	-10	°C
Cycling interval efficiency	<i>COP<sub>cy</sub></i> or <i>PER<sub>cy</sub></i>		– or %
Heating water operating limit temperature	<i>WTOL</i>	55	°C
Equipped with a supplementary heater:			
Rated heat output <sup>(4)</sup>	<i>P<sub>sup</sub></i>	9.0	kW
Type of energy input			
For air-to-water heat pumps: Rated air flow rate, outdoors	—	6,900	m <sup>3</sup> /h
For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	—		m <sup>3</sup> /h
<b>Water heating energy efficiency</b>			
Daily fuel consumption	<i>Q<sub>fuel</sub></i>		kWh
Annual fuel consumption	<i>AFC</i>		GJ

<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.