

Model(s)	EWYE019CZN-A1		
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
<b>Rated heat output <sup>(3)</sup></b>	<b>Prated</b>	<b>16,7</b>	<b>kW</b>
<i>Declared capacity for heating for part load at indoor temperature 20°C and outdoor</i>			
T <sub>j</sub> = - 7°C	P <sub>dh</sub>	14,8	kW
T <sub>j</sub> = + 2°C	P <sub>dh</sub>	9,0	kW
T <sub>j</sub> = + 7°C	P <sub>dh</sub>	5,9	kW
T <sub>j</sub> = + 12°C	P <sub>dh</sub>	2,5	kW
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	14,8	kW
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	14,3	kW
For air-to-air heat pumps: T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	-	kW
Bivalent temperature	T <sub>biv</sub>	-7	°C
Cycling interval capacity for heating	P <sub>cyc</sub>	-	kW
Degradation co-efficient (4)	C <sub>dh</sub>	0,94	-
<b>Power consumption in modes other than active mode</b>			
Off mode	P <sub>OFF</sub>	0,000	kW
Thermostat-off mode	P <sub>TO</sub>	0,148	kW
Standby mode	P <sub>SB</sub>	0,070	kW
Crankcase heater mode	P <sub>CK</sub>	0,070	kW
<b>Other items</b>			
Capacity control	Variable		
Sound power level, indoor/outdoor	L <sub>WA</sub>	77	dB
Annual energy consumption	Q <sub>HE</sub>	11864,5	kWh
<b>For heat pump combination heater:</b>			
Declared load profile	-		
Daily electricity consumption	Q <sub>elec</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh
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Item	Symbol	Value	Unit
<b>Seasonal space heating energy efficiency</b>	<b>η<sub>s</sub></b>	<b>110%</b>	<b>%</b>
<i>Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T<sub>j</sub></i>			
T <sub>j</sub> = - 7°C	COP <sub>d</sub> or PER <sub>d</sub>	1,74	%
T <sub>j</sub> = + 2°C	COP <sub>d</sub> or PER <sub>d</sub>	2,51	%
T <sub>j</sub> = + 7°C	COP <sub>d</sub> or PER <sub>d</sub>	4,30	%
T <sub>j</sub> = + 12°C	COP <sub>d</sub> or PER <sub>d</sub>	5,78	%
T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> or PER <sub>d</sub>	1,74	%
T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	1,58	%
For air-to-air heat pumps: T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub> or PER <sub>d</sub>	-	%
For air-to-water heat pumps: Operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	-25	°C
Cycling interval efficiency	COP <sub>cyc</sub> or PER <sub>cyc</sub>	-	%
Heating water operating limit temperature	WTOL	70	°C
<b>Equipped with a supplementary heater:</b>			
Rated heat output (4)	P <sub>sup</sub>	2,4	kW
Type of energy input	Electric		
<b>Other items</b>			
For air-to-water heat pumps: Rated air flow rate, outdoors	-	9972	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>For heat pump combination heater:</b>			
Water heating energy efficiency	η <sub>wh</sub>	-	%
Daily fuel consumption	Q <sub>fuel</sub>	-	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.			