

Model(s)	EWYE022CZP-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.																																																																																																															
<table border="1"> <thead> <tr> <th>Item</th> <th>Symbol</th> <th>Value</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><b>Rated heat output <sup>(3)</sup></b></td> <td><b>Prated</b></td> <td><b>16,8</b></td> <td><b>kW</b></td> </tr> <tr> <td colspan="4"><i>Declared capacity for heating for part load at indoor temperature 20°C and outdoor</i></td> </tr> <tr> <td>T<sub>j</sub> = - 7°C</td> <td>P<sub>dh</sub></td> <td>14,9</td> <td>kW</td> </tr> <tr> <td>T<sub>j</sub> = + 2°C</td> <td>P<sub>dh</sub></td> <td>9,1</td> <td>kW</td> </tr> <tr> <td>T<sub>j</sub> = + 7°C</td> <td>P<sub>dh</sub></td> <td>5,9</td> <td>kW</td> </tr> <tr> <td>T<sub>j</sub> = + 12°C</td> <td>P<sub>dh</sub></td> <td>2,5</td> <td>kW</td> </tr> <tr> <td>T<sub>j</sub> = bivalent temperature</td> <td>P<sub>dh</sub></td> <td>14,9</td> <td>kW</td> </tr> <tr> <td>T<sub>j</sub> = operation limit temperature</td> <td>P<sub>dh</sub></td> <td>14,2</td> <td>kW</td> </tr> <tr> <td>For air-to-air heat pumps: T<sub>j</sub> = - 15 °C (if TOL &lt; - 20 °C)</td> <td>P<sub>dh</sub></td> <td>-</td> <td>kW</td> </tr> <tr> <td>Bivalent temperature</td> <td>T<sub>biv</sub></td> <td>-7</td> <td>°C</td> </tr> <tr> <td>Cycling interval capacity for heating</td> <td>P<sub>cyc</sub></td> <td>-</td> <td>kW</td> </tr> <tr> <td>Degradation co-efficient (4)</td> <td>C<sub>dh</sub></td> <td>0,94</td> <td>-</td> </tr> <tr> <td colspan="4"><b>Power consumption in modes other than active mode</b></td> </tr> <tr> <td>Off mode</td> <td>P<sub>OFF</sub></td> <td>0,000</td> <td>kW</td> </tr> <tr> <td>Thermostat-off mode</td> <td>P<sub>TO</sub></td> <td>0,148</td> <td>kW</td> </tr> <tr> <td>Standby mode</td> <td>P<sub>SB</sub></td> <td>0,070</td> <td>kW</td> </tr> <tr> <td>Crankcase heater mode</td> <td>P<sub>CK</sub></td> <td>0,070</td> <td>kW</td> </tr> <tr> <td colspan="4"><b>Other items</b></td> </tr> <tr> <td>Capacity control</td> <td colspan="3">Variable</td> </tr> <tr> <td>Sound power level, indoor/outdoor</td> <td>L<sub>WA</sub></td> <td>77</td> <td>dB</td> </tr> <tr> <td>Annual energy consumption</td> <td>Q<sub>HE</sub></td> <td>11726,5</td> <td>kWh</td> </tr> <tr> <td colspan="4"><b>For heat pump combination heater:</b></td> </tr> <tr> <td>Declared load profile</td> <td colspan="3">-</td> </tr> <tr> <td>Daily electricity consumption</td> <td>Q<sub>elec</sub></td> <td>-</td> <td>kWh</td> </tr> <tr> <td>Annual electricity consumption</td> <td>AEC</td> <td>-</td> <td>kWh</td> </tr> <tr> <td colspan="4">Daikin Applied Europe - Via Piani di S.Maria 72, 00040 Ariccia (Roma), Italy</td> </tr> </tbody> </table>				Item	Symbol	Value	Unit	<b>Rated heat output <sup>(3)</sup></b>	<b>Prated</b>	<b>16,8</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>	14,9	kW	T <sub>j</sub> = + 2°C	P <sub>dh</sub>	9,1	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>	14,9	kW	T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	14,2	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>	11726,5	kWh	<b>For heat pump combination heater:</b>				Declared load profile	-			Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Annual electricity consumption	AEC	-	kWh	Daikin Applied Europe - Via Piani di S.Maria 72, 00040 Ariccia (Roma), Italy			
Item	Symbol	Value	Unit																																																																																																												
<b>Rated heat output <sup>(3)</sup></b>	<b>Prated</b>	<b>16,8</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>	14,9	kW																																																																																																												
T <sub>j</sub> = + 2°C	P <sub>dh</sub>	9,1	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>	14,9	kW																																																																																																												
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	14,2	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>	11726,5	kWh																																																																																																												
<b>For heat pump combination heater:</b>																																																																																																															
Declared load profile	-																																																																																																														
Daily electricity consumption	Q <sub>elec</sub>	-	kWh																																																																																																												
Annual electricity consumption	AEC	-	kWh																																																																																																												
Daikin Applied Europe - Via Piani di S.Maria 72, 00040 Ariccia (Roma), Italy																																																																																																															
<table border="1"> <thead> <tr> <th>Item</th> <th>Symbol</th> <th>Value</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><b>Seasonal space heating energy efficiency</b></td> <td><b>η<sub>s</sub></b></td> <td><b>110%</b></td> <td><b>%</b></td> </tr> <tr> <td colspan="4"><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></td> </tr> <tr> <td>T<sub>j</sub> = - 7°C</td> <td>COP<sub>d</sub> or PER<sub>d</sub></td> <td>1,72</td> <td>%</td> </tr> <tr> <td>T<sub>j</sub> = + 2°C</td> <td>COP<sub>d</sub> or PER<sub>d</sub></td> <td>2,51</td> <td>%</td> </tr> <tr> <td>T<sub>j</sub> = + 7°C</td> <td>COP<sub>d</sub> or PER<sub>d</sub></td> <td>4,34</td> <td>%</td> </tr> <tr> <td>T<sub>j</sub> = + 12°C</td> <td>COP<sub>d</sub> or PER<sub>d</sub></td> <td>5,82</td> <td>%</td> </tr> <tr> <td>T<sub>j</sub> = bivalent temperature</td> <td>COP<sub>d</sub> or PER<sub>d</sub></td> <td>1,72</td> <td>%</td> </tr> <tr> <td>T<sub>j</sub> = operation limit temperature</td> <td>COP<sub>d</sub> or PER<sub>d</sub></td> <td>1,56</td> <td>%</td> </tr> <tr> <td>For air-to-air heat pumps: T<sub>j</sub> = - 15 °C (if TOL &lt; - 20 °C)</td> <td>COP<sub>d</sub> or PER<sub>d</sub></td> <td>-</td> <td>%</td> </tr> <tr> <td>For air-to-water heat pumps: Operation limit temperature</td> <td>COP<sub>d</sub> or PER<sub>d</sub></td> <td>-25</td> <td>°C</td> </tr> <tr> <td>Cycling interval efficiency</td> <td>COP<sub>cyc</sub> or PER<sub>cyc</sub></td> <td>-</td> <td>%</td> </tr> <tr> <td>Heating water operating limit temperature</td> <td>WTOL</td> <td>70</td> <td>°C</td> </tr> <tr> <td colspan="4"><b>Equipped with a supplementary heater:</b></td> </tr> <tr> <td>Rated heat output (4)</td> <td>P<sub>sup</sub></td> <td>1,8</td> <td>kW</td> </tr> <tr> <td>Type of energy input</td> <td colspan="3">Electric</td> </tr> <tr> <td colspan="4"><b>Other items</b></td> </tr> <tr> <td>For air-to-water heat pumps: Rated air flow rate, outdoors</td> <td>-</td> <td>11448</td> <td>m<sup>3</sup>/h</td> </tr> <tr> <td>For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger</td> <td>-</td> <td>-</td> <td>m<sup>3</sup>/h</td> </tr> <tr> <td colspan="4"><b>For heat pump combination heater:</b></td> </tr> <tr> <td>Water heating energy efficiency</td> <td>η<sub>wh</sub></td> <td>-</td> <td>%</td> </tr> <tr> <td>Daily fuel consumption</td> <td>Q<sub>fuel</sub></td> <td>-</td> <td>kWh</td> </tr> <tr> <td>Annual fuel consumption</td> <td>AFC</td> <td>-</td> <td>GJ</td> </tr> <tr> <td colspan="4">Daikin Applied Europe</td> </tr> </tbody> </table>				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>	1,72	%	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>	4,34	%	T <sub>j</sub> = + 12°C	COP <sub>d</sub> or PER <sub>d</sub>	5,82	%	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> or PER <sub>d</sub>	1,72	%	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	1,56	%	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>	1,8	kW	Type of energy input	Electric			<b>Other items</b>				For air-to-water heat pumps: Rated air flow rate, outdoors	-	11448	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	Daikin Applied Europe															
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>	1,72	%																																																																																																												
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>	4,34	%																																																																																																												
T <sub>j</sub> = + 12°C	COP <sub>d</sub> or PER <sub>d</sub>	5,82	%																																																																																																												
T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> or PER <sub>d</sub>	1,72	%																																																																																																												
T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	1,56	%																																																																																																												
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>	1,8	kW																																																																																																												
Type of energy input	Electric																																																																																																														
<b>Other items</b>																																																																																																															
For air-to-water heat pumps: Rated air flow rate, outdoors	-	11448	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																																																																																																												
Daikin Applied Europe																																																																																																															
(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.																																																																																																															