

Model(s): ETBX16EF6V7 / EPRA18DAV37 / 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																																																																																																																																																				
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Parameters shall be declared for average, colder and warmer climate conditions.																																																																																																																																																				
<table><tr><th>Item</th><th>Symbol</th><th>Value</th><th>Unit</th></tr><tr><td>Rated heat output ⁽³⁾</td><td><i>Prated</i></td><td>13</td><td>kW</td></tr><tr><td colspan="4">Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature <i>T_j</i></td></tr><tr><td><i>T_j</i> = − 7 °C</td><td><i>Pdh</i></td><td>11.2</td><td>kW</td></tr><tr><td><i>T_j</i> = + 2 °C</td><td><i>Pdh</i></td><td>6.9</td><td>kW</td></tr><tr><td><i>T_j</i> = + 7 °C</td><td><i>Pdh</i></td><td>6.9</td><td>kW</td></tr><tr><td><i>T_j</i> = + 12 °C</td><td><i>Pdh</i></td><td>6.2</td><td>kW</td></tr><tr><td><i>T_j</i> = bivalent temperature</td><td><i>Pdh</i></td><td>12.2</td><td>kW</td></tr><tr><td><i>T_j</i> = operation limit temperature</td><td><i>Pdh</i></td><td>12.2</td><td>kW</td></tr><tr><td>For air-to-air heat pumps: <i>T_j</i> = − 15 °C (if <i>TOL</i> < − 20 °C)</td><td><i>Pdh</i></td><td>10.7</td><td>kW</td></tr><tr><td>Bivalent temperature</td><td><i>T_{biv}</i></td><td>-10</td><td>°C</td></tr><tr><td>Cycling interval capacity for heating</td><td><i>Pcych</i></td><td></td><td>kW</td></tr><tr><td>Degradation co-efficient ⁽⁴⁾</td><td><i>Cdh</i></td><td></td><td>—</td></tr><tr><td colspan="4">Power consumption in modes other than active mode</td></tr><tr><td>Off mode</td><td><i>P_{OFF}</i></td><td>0.021</td><td>kW</td></tr><tr><td>Thermostat-off mode</td><td><i>P_{TO}</i></td><td>0.041</td><td>kW</td></tr><tr><td>Standby mode</td><td><i>P_{SB}</i></td><td>0.021</td><td>kW</td></tr><tr><td>Crankcase heater mode</td><td><i>P_{CK}</i></td><td>0.000</td><td>kW</td></tr><tr><td colspan="4">Other items</td></tr><tr><td>Capacity control</td><td>Variable</td><td></td><td></td></tr><tr><td>Sound power level, indoor/outdoor</td><td><i>L_{WA}</i></td><td>44.0 / 54.0</td><td>dB</td></tr><tr><td>Annual energy consumption</td><td><i>Q_{HE}</i></td><td>7,134 26</td><td>kWh or GJ</td></tr></table>				Item	Symbol	Value	Unit	Rated heat output ⁽³⁾	<i>Prated</i>	13	kW	Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature <i>T_j</i>				<i>T_j</i> = − 7 °C	<i>Pdh</i>	11.2	kW	<i>T_j</i> = + 2 °C	<i>Pdh</i>	6.9	kW	<i>T_j</i> = + 7 °C	<i>Pdh</i>	6.9	kW	<i>T_j</i> = + 12 °C	<i>Pdh</i>	6.2	kW	<i>T_j</i> = bivalent temperature	<i>Pdh</i>	12.2	kW	<i>T_j</i> = operation limit temperature	<i>Pdh</i>	12.2	kW	For air-to-air heat pumps: <i>T_j</i> = − 15 °C (if <i>TOL</i> < − 20 °C)	<i>Pdh</i>	10.7	kW	Bivalent temperature	<i>T_{biv}</i>	-10	°C	Cycling interval capacity for heating	<i>Pcych</i>		kW	Degradation co-efficient ⁽⁴⁾	<i>Cdh</i>		—	Power consumption in modes other than active mode				Off mode	<i>P_{OFF}</i>	0.021	kW	Thermostat-off mode	<i>P_{TO}</i>	0.041	kW	Standby mode	<i>P_{SB}</i>	0.021	kW	Crankcase heater mode	<i>P_{CK}</i>	0.000	kW	Other items				Capacity control	Variable			Sound power level, 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For air-to-water heat pumps: Rated air flow rate, outdoors		—	3,960	m³/h																																																																																																																																																
For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger		—		m³/h																																																																																																																																																
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Declared load profile		XL																																																																																																																																																		
Daily electricity consumption		<i>Q_{elec}</i>	9.300	kWh																																																																																																																																																
Annual electricity consumption		<i>AEC</i>	1,670	kWh																																																																																																																																																
Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium		Daikin Europe N.V.																																																																																																																																																		
Water heating energy efficiency		<i>η_{wh}</i>	100	%																																																																																																																																																
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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.