

Model(s): EBBH16DF6V / ERLA16DAV3 / EKHWSU200D3V3																																																																																																																																																																														
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><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>12</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>9.4</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>4.4</td><td>kW</td></tr><tr><td><i>T_j</i> = + 12 °C</td><td><i>Pdh</i></td><td>5.3</td><td>kW</td></tr><tr><td><i>T_j</i> = bivalent temperature</td><td><i>Pdh</i></td><td>10.1</td><td>kW</td></tr><tr><td><i>T_j</i> = operation limit temperature</td><td><i>Pdh</i></td><td>6.0</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></td><td>kW</td></tr><tr><td>Bivalent temperature</td><td><i>T_{biv}</i></td><td>-5</td><td>°C</td></tr><tr><td>Cycling interval capacity for heating</td><td><i>Pcyc</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>0.023</td><td>kW</td></tr><tr><td>Thermostat-off mode</td><td><i>P_{TO}</i></td><td>0.023</td><td>kW</td></tr><tr><td>Standby mode</td><td><i>P_{SB}</i></td><td>0.023</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 colspan="3">Variable</td></tr><tr><td>Sound power level, indoor/outdoor</td><td><i>L_{WA}</i></td><td>/</td><td>dB</td></tr><tr><td>Annual energy consumption</td><td><i>Q_{HE}</i></td><td>7,477 27</td><td>kWh or GJ</td></tr></table>				Item	Symbol	Value	Unit	Rated heat output ⁽³⁾	<i>Prated</i>	12	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>	9.4	kW	<i>T_j</i> = + 2 °C	<i>Pdh</i>	6.9	kW	<i>T_j</i> = + 7 °C	<i>Pdh</i>	4.4	kW	<i>T_j</i> = + 12 °C	<i>Pdh</i>	5.3	kW	<i>T_j</i> = bivalent temperature	<i>Pdh</i>	10.1	kW	<i>T_j</i> = operation limit temperature	<i>Pdh</i>	6.0	kW	For air-to-air heat pumps: <i>T_j</i> = − 15 °C (if <i>TOL</i> < − 20 °C)	<i>Pdh</i>		kW	Bivalent temperature	<i>T_{biv}</i>	-5	°C	Cycling interval capacity for heating	<i>Pcyc</i>		kW	Degradation co-efficient ⁽⁴⁾	<i>Cdh</i>		—	Power consumption in modes other than active mode				Off mode	<i>P_{OFF}</i>	0.023	kW	Thermostat-off mode	<i>P_{TO}</i>	0.023	kW	Standby mode	<i>P_{SB}</i>	0.023	kW	Crankcase heater mode	<i>P_{CK}</i>	0.000	kW	Other items				Capacity control	Variable			Sound power level, indoor/outdoor	<i>L_{WA}</i>	/	dB	Annual energy consumption	<i>Q_{HE}</i>	7,477 27	kWh or GJ		<table><tr><th>Item</th><th>Symbol</th><th>Value</th><th>Unit</th></tr><tr><td>Seasonal space heating energy efficiency</td><td><i>η_s</i></td><td>130</td><td>%</td></tr><tr><td colspan="4">Declared coefficient of performance or primary energy ratio 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>COPd or PERd</i></td><td>1.95 78.0</td><td>– or %</td></tr><tr><td><i>T_j</i> = + 2 °C</td><td><i>COPd or PERd</i></td><td>3.27 130.8</td><td>– or %</td></tr><tr><td><i>T_j</i> = + 7 °C</td><td><i>COPd or PERd</i></td><td>4.93 197.2</td><td>– or %</td></tr><tr><td><i>T_j</i> = + 12 °C</td><td><i>COPd or PERd</i></td><td>6.60 264.0</td><td>– or %</td></tr><tr><td><i>T_j</i> = bivalent temperature</td><td><i>COPd or PERd</i></td><td>2.13 85.2</td><td>– or %</td></tr><tr><td><i>T_j</i> = operation limit temperature</td><td><i>COPd or PERd</i></td><td>1.50 60.0</td><td>– or %</td></tr><tr><td>For air-to-air heat 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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.