

Model(s): ETBH16EF6V7 / EPRA16DAV37 / 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: Yes																																																																																																																																																																															
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>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>7,211 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, indoor/outdoor	<i>L_{WA}</i>	44.0 / 54.0	dB	Annual energy consumption	<i>Q_{HE}</i>	7,211 26	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>140</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>2.47 98.8</td><td>— or %</td></tr><tr><td><i>T_j</i> = + 2 °C</td><td><i>COPd or PERd</i></td><td>3.56 142.4</td><td>— or %</td></tr><tr><td><i>T_j</i> = + 7 °C</td><td><i>COPd or PERd</i></td><td>4.44 177.6</td><td>— or %</td></tr><tr><td><i>T_j</i> = + 12 °C</td><td><i>COPd or PERd</i></td><td>5.72 228.8</td><td>— or %</td></tr><tr><td><i>T_j</i> = bivalent temperature</td><td><i>COPd or PERd</i></td><td>2.19 87.6</td><td>— or %</td></tr><tr><td><i>T_j</i> = operation limit temperature</td><td><i>COPd or PERd</i></td><td>2.19 87.6</td><td>— or %</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>COPd or PERd</i></td><td>2.62 104.8</td><td>— or %</td></tr><tr><td>For air-to-water heat pumps: Operation limit temperature</td><td><i>TOL</i></td><td>-10</td><td>°C</td></tr><tr><td>Cycling interval efficiency</td><td><i>COPcyc or PERcyc</i></td><td></td><td>— or %</td></tr><tr><td>Heating water operating limit temperature</td><td><i>WTOL</i></td><td>55</td><td>°C</td></tr><tr><td colspan="4">Equipped with a supplementary heater:</td></tr><tr><td>Rated heat output ⁽⁴⁾</td><td><i>P_{sup}</i></td><td>6.0</td><td>kW</td></tr><tr><td>Type of energy input</td><td></td><td></td><td></td></tr><tr><td colspan="4">For air-to-water heat pumps: Rated air flow rate, outdoors</td></tr><tr><td></td><td>—</td><td>3,918</td><td>m³/h</td></tr><tr><td colspan="4">For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger</td></tr><tr><td></td><td>—</td><td></td><td>m³/h</td></tr></table>				Item	Symbol	Value	Unit	Seasonal space heating energy efficiency	<i>η_s</i>	140	%	Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature <i>T_j</i>				<i>T_j</i> = − 7 °C	<i>COPd or PERd</i>	2.47 98.8	— or %	<i>T_j</i> = + 2 °C	<i>COPd or PERd</i>	3.56 142.4	— or %	<i>T_j</i> = + 7 °C	<i>COPd or PERd</i>	4.44 177.6	— or %	<i>T_j</i> = + 12 °C	<i>COPd or PERd</i>	5.72 228.8	— or %	<i>T_j</i> = bivalent temperature	<i>COPd or PERd</i>	2.19 87.6	— or %	<i>T_j</i> = operation limit temperature	<i>COPd or PERd</i>	2.19 87.6	— or %	For air-to-air heat pumps: <i>T_j</i> = − 15 °C (if <i>TOL</i> < − 20 °C)	<i>COPd or PERd</i>	2.62 104.8	— or %	For air-to-water heat pumps: Operation limit temperature	<i>TOL</i>	-10	°C	Cycling interval efficiency	<i>COPcyc or PERcyc</i>		— or %	Heating water operating limit temperature	<i>WTOL</i>	55	°C	Equipped with a supplementary heater:				Rated heat output ⁽⁴⁾	<i>P_{sup}</i>	6.0	kW	Type of energy input				For air-to-water heat pumps: Rated air flow rate, outdoors					—	3,918	m³/h	For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger					—		m³/h
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, indoor/outdoor	<i>L_{WA}</i>	44.0 / 54.0	dB																																																																																																																																																																												
Annual energy consumption	<i>Q_{HE}</i>	7,211 26	kWh or GJ																																																																																																																																																																												
Item	Symbol	Value	Unit																																																																																																																																																																												
Seasonal space heating energy efficiency	<i>η_s</i>	140	%																																																																																																																																																																												
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature <i>T_j</i>																																																																																																																																																																															
<i>T_j</i> = − 7 °C	<i>COPd or PERd</i>	2.47 98.8	— or %																																																																																																																																																																												
<i>T_j</i> = + 2 °C	<i>COPd or PERd</i>	3.56 142.4	— or %																																																																																																																																																																												
<i>T_j</i> = + 7 °C	<i>COPd or PERd</i>	4.44 177.6	— or %																																																																																																																																																																												
<i>T_j</i> = + 12 °C	<i>COPd or PERd</i>	5.72 228.8	— or %																																																																																																																																																																												
<i>T_j</i> = bivalent temperature	<i>COPd or PERd</i>	2.19 87.6	— or %																																																																																																																																																																												
<i>T_j</i> = operation limit temperature	<i>COPd or PERd</i>	2.19 87.6	— or %																																																																																																																																																																												
For air-to-air heat pumps: <i>T_j</i> = − 15 °C (if <i>TOL</i> < − 20 °C)	<i>COPd or PERd</i>	2.62 104.8	— or %																																																																																																																																																																												
For air-to-water heat pumps: Operation limit temperature	<i>TOL</i>	-10	°C																																																																																																																																																																												
Cycling interval efficiency	<i>COPcyc or PERcyc</i>		— or %																																																																																																																																																																												
Heating water operating limit temperature	<i>WTOL</i>	55	°C																																																																																																																																																																												
Equipped with a supplementary heater:																																																																																																																																																																															
Rated heat output ⁽⁴⁾	<i>P_{sup}</i>	6.0	kW																																																																																																																																																																												
Type of energy input																																																																																																																																																																															
For air-to-water heat pumps: Rated air flow rate, outdoors																																																																																																																																																																															
	—	3,918	m³/h																																																																																																																																																																												
For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger																																																																																																																																																																															
	—		m³/h																																																																																																																																																																												
For heat pump combination heater:																																																																																																																																																																															
<table><tr><td>Declared load profile</td><td>L</td><td></td><td></td></tr><tr><td>Daily electricity consumption</td><td><i>Q_{elec}</i></td><td>4.890</td><td>kWh</td></tr><tr><td>Annual electricity consumption</td><td><i>AEC</i></td><td>1,021</td><td>kWh</td></tr></table>				Declared load profile	L			Daily electricity consumption	<i>Q_{elec}</i>	4.890	kWh	Annual electricity consumption	<i>AEC</i>	1,021	kWh	<table><tr><td>Water heating energy efficiency</td><td><i>η_{wh}</i></td><td>100</td><td>%</td></tr><tr><td>Daily fuel consumption</td><td><i>Q_{fuel}</i></td><td></td><td>kWh</td></tr><tr><td>Annual fuel consumption</td><td><i>AFC</i></td><td></td><td>GJ</td></tr></table>				Water heating energy efficiency	<i>η_{wh}</i>	100	%	Daily fuel consumption	<i>Q_{fuel}</i>		kWh	Annual fuel consumption	<i>AFC</i>		GJ																																																																																																																																																
Declared load profile	L																																																																																																																																																																														
Daily electricity consumption	<i>Q_{elec}</i>	4.890	kWh																																																																																																																																																																												
Annual electricity consumption	<i>AEC</i>	1,021	kWh																																																																																																																																																																												
Water heating energy efficiency	<i>η_{wh}</i>	100	%																																																																																																																																																																												
Daily fuel consumption	<i>Q_{fuel}</i>		kWh																																																																																																																																																																												
Annual fuel consumption	<i>AFC</i>		GJ																																																																																																																																																																												
Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium		Daikin Europe N.V.																																																																																																																																																																													

⁽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.