

| Model(s): EGSAX06DA9W | | | | | | | | |
|---|-------------------------|--------------------|-----------|--|---|-------------------------|-------|--------|
| Air-to-water heat pump: No | | | | | | | | |
| Water-to-water heat pump: Yes | | | | | | | | |
| Brine-to-water heat pump: Yes | | | | | | | | |
| Low-temperature heat pump: No | | | | | | | | |
| Equipped with a supplementary heater: Yes | | | | | | | | |
| 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 | | Item | Symbol | Value | Unit |
| Rated heat output ⁽³⁾ | <i>Prated</i> | 6.2 | kW | | Seasonal space heating energy efficiency | η_s | 143 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = - 7\text{ °C}$ | <i>Pdh</i> | 5.5 | kW | | $T_j = - 7\text{ °C}$ | <i>COPd or PERd</i> | 3.13 | – or % |
| $T_j = + 2\text{ °C}$ | <i>Pdh</i> | 3.3 | kW | | $T_j = + 2\text{ °C}$ | <i>COPd or PERd</i> | 3.81 | – or % |
| $T_j = + 7\text{ °C}$ | <i>Pdh</i> | 2.2 | kW | | $T_j = + 7\text{ °C}$ | <i>COPd or PERd</i> | 4.33 | – or % |
| $T_j = + 12\text{ °C}$ | <i>Pdh</i> | 1.0 | kW | | $T_j = + 12\text{ °C}$ | <i>COPd or PERd</i> | 3.65 | – or % |
| T_j = bivalent temperature | <i>Pdh</i> | 6.4 | kW | | T_j = bivalent temperature | <i>COPd or PERd</i> | 2.90 | – or % |
| T_j = operation limit temperature | <i>Pdh</i> | 6.4 | kW | | T_j = operation limit temperature | <i>COPd or PERd</i> | 2.90 | – or % |
| For air-to-air heat pumps: $T_j = - 15\text{ °C}$ (if $TOL < - 20\text{ °C}$) | <i>Pdh</i> | | kW | | For air-to-air heat pumps: $T_j = - 15\text{ °C}$ (if $TOL < - 20\text{ °C}$) | <i>COPd or PERd</i> | | – or % |
| Bivalent temperature | T_{biv} | -10 | °C | | For air-to-water heat pumps: Operation limit temperature | <i>TOL</i> | -10 | °C |
| Cycling interval capacity for heating | <i>Pcych</i> | | kW | | Cycling interval efficiency | <i>COPcyc or PERcyc</i> | | – or % |
| Degradation co-efficient ⁽⁴⁾ | <i>Cdh</i> | | — | | Heating water operating limit temperature | <i>WTOL</i> | | °C |
| Power consumption in modes other than active mode | | | | | Equipped with a supplementary heater: | | | |
| Off mode | <i>P_{OFF}</i> | 0.015 | kW | | Rated heat output ⁽⁴⁾ | <i>Psup</i> | | kW |
| Thermostat-off mode | <i>P_{TO}</i> | 0.024 | kW | | Type of energy input | | | |
| Standby mode | <i>P_{SB}</i> | 0.015 | kW | | | | | |
| Crankcase heater mode | <i>P_{CK}</i> | 0.000 | kW | | | | | |
| Other items | | | | | | | | |
| Capacity control | | | | | For air-to-water heat pumps: Rated air flow rate, outdoors | — | | m³/h |
| Sound power level, indoor/outdoor | <i>L_{WA}</i> | 39.0 / | dB | | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | — | 1.3 | m³/h |
| Annual energy consumption | <i>Q_{HE}</i> | | kWh or GJ | | | | | |
| For heat pump combination heater: | | | | | | | | |
| Declared load profile | L | | | | Water heating energy efficiency | η_{wh} | 117 | % |
| Daily electricity consumption | <i>Q_{elec}</i> | 4.140 | kWh | | Daily fuel consumption | <i>Q_{fuel}</i> | 0.000 | kWh |
| Annual electricity consumption | <i>AEC</i> | 877 | kWh | | Annual fuel consumption | <i>AFC</i> | 0 | 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.