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|---|----------|---------------|--------------|
| Model(s): EHVH08S18EA6V / ERGA08EAV3 | | | |
| 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: Yes | | | |
| 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. | | | |
| Item | Symbol | Value | Unit |
| Rated heat output ⁽³⁾ | Prated | 8.0 | kW |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = - 7 °C | Pdh | 6.9 | kW |
| Tj = + 2 °C | Pdh | 4.4 | kW |
| Tj = + 7 °C | Pdh | 3.3 | kW |
| Tj = + 12 °C | Pdh | 4.1 | kW |
| Tj = bivalent temperature | Pdh | 7.5 | kW |
| Tj = operation limit temperature | Pdh | 7.1 | kW |
| For air-to-air heat pumps: Tj = - 15 °C (if TOL < - 20 °C) | Pdh | | kW |
| Bivalent temperature | Tbiv | -8 | °C |
| Cycling interval capacity for heating | Pcych | | kW |
| Degradation co-efficient ⁽⁴⁾ | Cdh | | — |
| Power consumption in modes other than active mode | | | |
| Off mode | POFF | 0.010 | kW |
| Thermostat-off mode | PTO | 0.010 | kW |
| Standby mode | PSB | 0.010 | kW |
| Crankcase heater mode | PCK | 0.000 | kW |
| Other items | | | |
| Capacity control | Variable | | |
| Sound power level, indoor/outdoor | LWA | 42 / 62 | dB |
| Annual energy consumption | QHE | 4,975 17.9 | kWh or GJ |
| For heat pump combination heater: | | | |
| Declared load profile | L | | |
| Daily electricity consumption | Qelec | 3.870 | kWh |
| Annual electricity consumption | AEC | 820 | kWh |
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|--|------------------|-------------|--------|
| Item | Symbol | Value | Unit |
| Seasonal space heating energy efficiency | ηs | 130 | % |
| Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = - 7 °C | COPd or PERd | 1.96 78 | — or % |
| Tj = + 2 °C | COPd or PERd | 3.20 128 | — or % |
| Tj = + 7 °C | COPd or PERd | 4.64 186 | — or % |
| Tj = + 12 °C | COPd or PERd | 6.22 249 | — or % |
| Tj = bivalent temperature | COPd or PERd | 1.90 76 | — or % |
| Tj = operation limit temperature | COPd or PERd | 1.64 66 | — or % |
| For air-to-air heat pumps: Tj = - 15 °C (if TOL < - 20 °C) | COPd or PERd | | — or % |
| For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval efficiency | COPcyc or PERcyc | | — or % |
| Heating water operating limit temperature | WTOL | 55 | °C |
| Equipped with a supplementary heater: | | | |
| Rated heat output ⁽⁴⁾ | Psup | 6.0 | kW |
| Type of energy input | | | |
| | | | |
| For air-to-water heat pumps: Rated air flow rate, outdoors | — | 2,770.0 | 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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|---------------------------------|-------|-----|-----|
| Water heating energy efficiency | ηwh | 125 | % |
| Daily fuel consumption | Qfuel | | kWh |
| Annual fuel consumption | AFC | | GJ |

⁽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.