

|   |          |               |              |
|---|----------|---------------|--------------|
| Model(s): EHBX08EA6V / ERGA08EAV3 / EKHWSU300D3V3   |          |               |              |
| 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.   |          |               |              |
| Item  | Symbol   | Value         | Unit         |
| Rated heat output <sup>(3)</sup>  | 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 <sup>(4)</sup>   | 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      | 4,939<br>17.8 | kWh or<br>GJ |
| For heat pump combination heater:   |          |               |              |
| Declared load profile   | XL       |               |              |
| Daily electricity consumption   | Qelec    | 6.13          | kWh          |
| Annual electricity consumption  | AEC      | 1,318         | kWh          |
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|  |                  |             |        |
|--|------------------|-------------|--------|
| Item   | Symbol           | Value       | Unit   |
| Seasonal space heating energy efficiency   | ηs               | 131         | %      |
| 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<br>78  | — or % |
| Tj = + 2 °C  | COPd or PERd     | 3.20<br>128 | — or % |
| Tj = + 7 °C  | COPd or PERd     | 4.64<br>186 | — or % |
| Tj = + 12 °C   | COPd or PERd     | 6.22<br>249 | — or % |
| Tj = bivalent temperature  | COPd or PERd     | 1.90<br>76  | — or % |
| Tj = operation limit temperature   | COPd or PERd     | 1.64<br>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 <sup>(4)</sup>   | 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   |

|                                 |       |     |     |
|---------------------------------|-------|-----|-----|
| Water heating energy efficiency | ηwh   | 128 | %   |
| Daily fuel consumption          | Qfuel |     | kWh |
| Annual fuel consumption         | AFC   |     | GJ  |

<sup>(3)</sup> ) 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)'.  
<sup>(4)</sup> If 'Cdh' is not determined by measurement then the default degradation coefficient is 'Cdh' = 0.9.