

**Condens Hybrid 7000i AW**

CS7001iAW 17 0 TH

7736606982

To the extent applicable to the product, the following data are based on the requirements of Regulations (EU) 811/2013 and (EU) 813/2013.

| Productdata  | Symbol    | Unit | 7736606982 |
|--|-----------|------|------------|
| Energy Efficiency Class  |           |      | A++        |
| Energy efficiency class (low temperature application)  |           |      | A++        |
| Rated heat output (average climate conditions)   | Prated    | kW   | 14         |
| Rated heat output (low temperature application, average climate conditions)  | Prated    | kW   | 15         |
| Seasonal space heating energy efficiency (average climate conditions)  | $\eta_s$  | %    | 131        |
| Seasonal space heating energy efficiency (low temperature application, average climate conditions)                               | $\eta_s$  | %    | 172        |
| Annual energy consumption (average climate conditions)   | $Q_{HE}$  | kWh  | 8513       |
| Annual energy consumption (low temperature application, average climate conditions)  | $Q_{HE}$  | kWh  | 6880       |
| Annual energy consumption  | $Q_{HE}$  | GJ   | -          |
| Sound power level, indoors   | $L_{WA}$  | dB   | 37         |
| Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents |           |      |            |
| Rated heat output (colder climate conditions)  | Prated    | kW   | 9          |
| Rated heat output (low temperature application, colder climate conditions)   | Prated    | kW   | 10         |
| Rated heat output (warmer climate conditions)  | Prated    | kW   | 12         |
| Rated heat output (low temperature application, warmer climate conditions)   | Prated    | kW   | 14         |
| Seasonal space heating energy efficiency (colder climate conditions)   | $\eta_s$  | %    | 119        |
| Seasonal space heating energy efficiency (low temperature application, colder climate conditions)                                | $\eta_s$  | %    | 152        |
| Seasonal space heating energy efficiency (warmer climate conditions)   | $\eta_s$  | %    | 136        |
| Seasonal space heating energy efficiency (low temperature application, warmer climate conditions)                                | $\eta_s$  | %    | 202        |
| Annual energy consumption (colder climate conditions)  | $Q_{HE}$  | kWh  | 7367       |
| Annual energy consumption (colder climate)   | $Q_{HE}$  | GJ   | -          |
| Annual energy consumption (warmer climate conditions)  | $Q_{HE}$  | kWh  | 4817       |
| Annual energy consumption (low temperature application, colder climate conditions)   | $Q_{HE}$  | kWh  | 6360       |
| Annual energy consumption (warmer climate)   | $Q_{HE}$  | GJ   | -          |
| Annual energy consumption (low temperature application, warmer climate conditions)   | $Q_{HE}$  | kWh  | 3726       |
| Sound power level, outdoors  | $L_{WA}$  | dB   | 53         |
| 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   |           |      | No         |
| <b>Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj</b>                        |           |      |            |
| Tj = - 7 °C (average climate conditions)   | Pdh       | kW   | 12,1       |
| Tj = + 2 °C (average climate conditions)   | Pdh       | kW   | 7,6        |
| Tj = + 7 °C (average climate conditions)   | Pdh       | kW   | 5,1        |
| Tj = + 12 °C (average climate conditions)  | Pdh       | kW   | 6,0        |
| Tj = bivalent temperature (average climate conditions)   | Pdh       | kW   | 4,9        |
| Tj = operation limit temperature (average climate conditions)  | Pdh       | kW   | 9,8        |
| For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) (colder climate conditions)   | Pdh       | kW   | 7,1        |
| Bivalent temperature (average climate conditions)  | $T_{biv}$ | °C   | -7         |
| Cycling interval capacity for heating (average climate conditions)   | Pcych     | kW   | -          |
| Degradation coefficient  |           |      | -          |

Data at the time of printing. Latest version available on the Internet.

**Condens Hybrid 7000i AW**

CS7001iAW 17 0 TH

7736606982

| Productdata  | Symbol           | Unit              | 7736606982 |
|--|------------------|-------------------|------------|
| Degradation co-efficient (average climate conditions)  | Cdh              |                   | 1,0        |
| <b>Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj/</b> |                  |                   |            |
| Tj = - 7 °C (average climate conditions)   | COPd             |                   | 1,97       |
| Tj = - 7 °C (average climate conditions)   | PERd             | %                 | -          |
| Tj = + 2 °C (average climate conditions)   | COPd             |                   | 3,41       |
| Tj = + 2 °C (average climate conditions)   | PERd             | %                 | -          |
| Tj = + 7 °C (average climate conditions)   | COPd             |                   | 4,83       |
| Tj = + 7 °C (average climate conditions)   | PERd             | %                 | -          |
| Tj = + 12 °C (average climate conditions)  | COPd             |                   | 5,87       |
| Tj = + 12 °C (average climate conditions)  | PERd             | %                 | -          |
| Tj = bivalent temperature (average climate conditions)   | COPd             |                   | 1,91       |
| Tj = bivalent temperature (average climate conditions)   | PERd             | %                 | -          |
| Tj = operation limit temperature (average climate conditions)  | COPd             |                   | 1,79       |
| Tj = operation limit temperature (average climate conditions)  | PERd             | %                 | -          |
| For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) (colder climate conditions)   | COPd             |                   | 1,88       |
| For air-to-water heat pumps: Tj = - 15 °C (if TOL < - 20 °C) (colder climate conditions)   | PERd             | %                 | -          |
| For air-to-water heat pumps: Operation limit temperature   | TOL              | °C                | -18        |
| Cycling interval efficiency (average climate conditions)   | COPcyc           |                   | -          |
| Cycling interval efficiency  | PERcyc           | %                 | -          |
| Heating water operating limit temperature  | WTOL             | °C                | 60         |
| <b>Power consumption in modes other than active mode</b>   |                  |                   |            |
| Off mode   | P <sub>OFF</sub> | kW                | 0,010      |
| Thermostat-off mode  | P <sub>TO</sub>  | kW                | 0,021      |
| In standby mode  | P <sub>SB</sub>  | kW                | 0,021      |
| Crankcase heater mode  | P <sub>CK</sub>  | kW                | 0,069      |
| <b>Supplementary heater</b>  |                  |                   |            |
| Rated heat output supplementary heater   | P <sub>sup</sub> | kW                | 4,0        |
| Type of energy input   |                  |                   | Electric   |
| <b>Other items</b>   |                  |                   |            |
| Capacity control   |                  |                   | variable   |
| Emissions of nitrogen oxides (only gas- or oil fired)  | NO <sub>x</sub>  | mg/kWh            | -          |
| For air-to-water heat pumps: Rated air flow rate, outdoors   |                  | m <sup>3</sup> /h | 5600       |
| For brine-to-water heat pumps: Rated brine flow rate, outdoor heat exchanger   |                  | m <sup>3</sup> /h | -          |

Further important information for installation, maintenance as well as recycling and/or disposal are provided within the installation and operating manuals. Read and follow the installation and operating manuals.