

Required details about room heater and combi heater with heat pump to regulation (EU) no. 813/2013 & 811/2013

|                                                                                                 |    | HPA-O 07.1 CS Premium |
|-------------------------------------------------------------------------------------------------|----|-----------------------|
|                                                                                                 |    | 202668                |
| Manufacturer                                                                                    |    | STIEBEL ELTRON        |
| Heat source                                                                                     |    | Outside air           |
| Low temperature heat pump                                                                       |    | -                     |
| With booster heater                                                                             |    | x                     |
| Combi boiler with heat pump                                                                     |    | -                     |
| Rated heating output in colder climates for average temperature applications (Prated)           | kW | 12                    |
| Rated heating output in moderate climates for average temperature applications (Prated)         | kW | 8                     |
| Rated heating output in warmer climates for average temperature applications (Prated)           | kW | 4                     |
| Tj = -7 °C heating output, partial load range in colder climates (Pdh)                          | kW | 7.2                   |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 7.0                   |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh)                           | kW | 4.4                   |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 4.3                   |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 4.3                   |
| Tj = 7 °C heating output, partial load range in colder climates (Pdh)                           | kW | 3.1                   |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 3.0                   |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 2.8                   |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh)                          | kW | 3.7                   |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 3.6                   |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh)                          | kW | 3.5                   |
| Tj = dual mode temperature in colder climates (Pdh)                                             | kW | 7.2                   |
| Tj = dual mode temperature under moderate climatic conditions (Pdh)                             | kW | 7.0                   |
| Tj = dual mode temperature in warmer climates (Pdh)                                             | kW | 4.3                   |
| Tj = operating temperature limit in colder climates (Pdh)                                       | kW | 5.0                   |
| Tj = operating temperature limit under moderate climatic conditions (Pdh)                       | kW | 6.5                   |
| Tj = operating temperature limit in warmer climates (Pdh)                                       | kW | 4.3                   |
| For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)                                   | kW | 6.3                   |
| Dual mode temperature in colder climates (Tbiv)                                                 | °C | -7                    |
| Dual mode temperature in moderate climates (Tbiv)                                               | °C | -7                    |
| Dual mode temperature in warmer climates (Tbiv)                                                 | °C | 2                     |
| Seasonal room heating efficiency in colder climates for average temperature applications (ηs)   | %  | 128                   |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | %  | 153                   |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)   | %  | 163                   |
| Tj = -7 °C COP, partial load range in colder climates (COPd)                                    |    | 2.70                  |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 2.43                  |
| Tj = 2 °C COP, partial load range in colder climates (COPd)                                     |    | 4.31                  |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 3.79                  |
| Tj = 2 °C COP, partial load range in warmer climates (COPd)                                     |    | 2.93                  |
| Tj = 7 °C COP, partial load range in colder climates (COPd)                                     |    | 5.99                  |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 5.22                  |
| Tj = 7 °C COP, partial load range in warmer climates (COPd)                                     |    | 3.90                  |
| Tj = 12 °C COP, partial load range in colder climates (COPd)                                    |    | 6.88                  |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 6.33                  |
| Tj = 12 °C COP, partial load range in warmer climates (COPd)                                    |    | 5.53                  |
| Tj = dual mode temperature in colder climates (COPd)                                            |    | 2.70                  |
| Tj = dual mode temperature under moderate climatic conditions (COPd)                            |    | 2.43                  |

|                                                                                           |                   |          |
|-------------------------------------------------------------------------------------------|-------------------|----------|
| Tj = dual mode temperature in warmer climates (COPd)                                      |                   | 2.93     |
| Tj = operating temperature limit in colder climates (COPd)                                |                   | 1.78     |
| Tj = operating temperature limit under moderate climatic conditions (COPd)                |                   | 2.14     |
| Tj = operating temperature limit in warmer climates (COPd)                                |                   | 2.93     |
| For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)                            |                   | 2.22     |
| Operating temperature limit in colder climates (TOL)                                      | °C                | -22      |
| Operating temperature limit in moderate climates (TOL)                                    | °C                | -10      |
| Operating temperature limit in warmer climates (TOL)                                      | °C                | 2        |
| Heating water operating temperature limit in colder climates (WTOL)                       | °C                | 75       |
| Heating water operating temperature limit (WTOL)                                          | °C                | 75       |
| Heating water operating temperature limit in warmer climates (WTOL)                       | °C                | 75       |
| Power consumption, OFF state (Poff)                                                       | W                 | 12       |
| Power consumption, thermostat OFF state (PTO)                                             | W                 | 10       |
| Standby power consumption (PSB)                                                           | W                 | 12       |
| Power consumption, operating state, with crankcase heating (PCK)                          | W                 | 10       |
| Booster heater heating output in colder climates (Psup)                                   | kW                | 6.9      |
| Booster heater heating output in moderate climate (Psup)                                  | kW                | 1.4      |
| Booster heater heating output in warmer climates (Psup)                                   | kW                | 0.0      |
| Type of energy supply, booster heater                                                     |                   | electric |
| Power control                                                                             |                   | variable |
| Sound power level external                                                                | dB(A)             | 48       |
| Annual energy consumption in colder climates for average temperature applications (QHE)   | kWh/a             | 9005     |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a             | 4219     |
| Annual energy consumption in warmer climates for average temperature applications (QHE)   | kWh/a             | 1388     |
| Flow rate, heat source side                                                               | m <sup>3</sup> /h | 2250     |

Special measures

For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions