

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

| | | HPA-O 13 C Premium |
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| | | 238983 |
| Manufacturer | | STIEBEL ELTRON |
| Heat source | | Outside air |
| With booster heater | | x |
| Combi boiler with heat pump | | - |
| Rated heating output in colder climates for average temperature applications (Prated) | kW | 22 |
| Rated heating output in moderate climates for average temperature applications (Prated) | kW | 15 |
| Rated heating output in warmer climates for average temperature applications (Prated) | kW | 8 |
| Tj = -7 °C heating output, partial load range in colder climates (Pdh) | kW | 13.3 |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 13.8 |
| Tj = -7 °C heating output, partial load range in warmer climates (Pdh) | kW | 13.9 |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh) | kW | 8.3 |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 8.4 |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh) | kW | 8.4 |
| Tj = 7 °C heating output, partial load range in colder climates (Pdh) | kW | 7.9 |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 7.8 |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh) | kW | 7.5 |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh) | kW | 6.7 |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 9.0 |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh) | kW | 6.4 |
| Tj = dual mode temperature in colder climates (Pdh) | kW | 12.8 |
| Tj = dual mode temperature under moderate climatic conditions (Pdh) | kW | 12.5 |
| Tj = dual mode temperature in warmer climates (Pdh) | kW | 8.4 |
| Tj = operating temperature limit in colder climates (Pdh) | kW | 21.7 |
| Tj = operating temperature limit under moderate climatic conditions (Pdh) | kW | 13.4 |
| Tj = operating temperature limit in warmer climates (Pdh) | kW | 8.4 |
| For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh) | kW | 13.4 |
| Dual mode temperature in colder climates (Tbiv) | °C | -7 |
| Dual mode temperature in moderate climates (Tbiv) | °C | -5 |
| Dual mode temperature in warmer climates (Tbiv) | °C | 2 |
| Seasonal room heating efficiency in colder climates for average temperature applications (ηs) | % | 125 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | % | 144 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs) | % | 177 |
| Tj = -7 °C COP, partial load range in colder climates (COPd) | | 2.67 |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd) | | 2.48 |
| Tj = -7 °C COP, partial load range in warmer climates (COPd) | | 2.42 |
| Tj = 2 °C COP, partial load range in colder climates (COPd) | | 3.92 |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd) | | 3.51 |
| Tj = 2 °C COP, partial load range in warmer climates (COPd) | | 2.74 |
| Tj = 7 °C COP, partial load range in colder climates (COPd) | | 5.12 |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd) | | 4.61 |
| Tj = 7 °C COP, partial load range in warmer climates (COPd) | | 3.64 |
| Tj = 12 °C COP, partial load range in colder climates (COPd) | | 7.08 |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd) | | 6.66 |
| Tj = 12 °C COP, partial load range in warmer climates (COPd) | | 6.25 |
| Tj = dual mode temperature in colder climates (COPd) | | 2.90 |

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| Tj = dual mode temperature under moderate climatic conditions (COPd) | | 2.59 |
| Tj = dual mode temperature in warmer climates (COPd) | | 2.74 |
| Tj = operating temperature limit in colder climates (COPd) | | 2.28 |
| Tj = operating temperature limit under moderate climatic conditions (COPd) | | 2.28 |
| Tj = operating temperature limit in warmer climates (COPd) | | 2.74 |
| For air/water heat pumps: Tj= -15 °C (if TOL < -20 °C) (COPd) | | 2.28 |
| Operating temperature limit in colder climates (TOL) | °C | -20 |
| 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 | 65 |
| Heating water operating temperature limit (WTOL) | °C | 65 |
| Heating water operating temperature limit in warmer climates (WTOL) | °C | 65 |
| Power consumption, OFF state (Poff) | W | 10 |
| Power consumption, thermostat OFF state (PTO) | W | 10 |
| Standby power consumption (PSB) | W | 10 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 38 |
| Booster heater heating output in colder climates (Psup) | kW | 10.9 |
| Booster heater heating output in moderate climate (Psup) | kW | 1.6 |
| Type of energy supply, booster heater | | electric |
| Power control | | variable |
| Sound power level external | dB(A) | 55 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 16179 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 8444 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 2369 |
| Flow rate, heat source side | m ³ /h | 4000 |
| Special measures | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions | |