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**STIEBEL ELTRON** WPL 25 AC compact set



55 °C

35 °C



A++

A+++

54 dB

|      |      |
|------|------|
| ■ 22 | ■ 21 |
| ■ 15 | ■ 15 |
| ■ 8  | ■ 8  |
| kW   | kW   |

2019

811/2013

**Product datasheet: Room heater to regulation (EU) no. 811/2013**

|   |       | <b>WPL 25 AC compact set</b> |
|---|-------|------------------------------|
|   |       | 239082                       |
| Manufacturer  |       | STIEBEL ELTRON               |
| Energy efficiency class for central heating in moderate climates for medium temperature applications    |       | A++                          |
| Energy efficiency class for central heating in moderate climates for low temperature applications       |       | A+++                         |
| Rated heating output in moderate climates for average temperature applications (Prated)                 | kW    | 15                           |
| Rated heating output in moderate climates for low temperature applications (Prated)                     | kW    | 15                           |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ ) | %     | 144                          |
| Seasonal room heating efficiency in moderate climates for low temperature applications ( $\eta_s$ )     | %     | 187                          |
| Annual energy consumption in moderate climates for average temperature applications (QHE)               | kWh/a | 8444                         |
| Annual energy consumption in moderate climates for low temperature applications (QHE)                   | kWh/a | 6513                         |
| Sound power level external  | dB(A) | 54                           |
| Rated heating output in colder climates for average temperature applications (Prated)                   | kW    | 22                           |
| Rated heating output in colder climates for low temperature applications (Prated)                       | kW    | 21                           |
| Rated heating output in warmer climates for average temperature applications (Prated)                   | kW    | 8                            |
| Rated heating output in warmer climates for low temperature applications (Prated)                       | kW    | 8                            |
| Seasonal room heating efficiency in colder climates for average temperature applications ( $\eta_s$ )   | %     | 131                          |
| Seasonal room heating efficiency in colder climates for low temperature applications ( $\eta_s$ )       | %     | 160                          |
| Seasonal room heating efficiency in warmer climates for average temperature applications ( $\eta_s$ )   | %     | 177                          |
| Seasonal room heating efficiency in warmer climates for low temperature applications ( $\eta_s$ )       | %     | 246                          |
| Annual energy consumption in colder climates for average temperature applications (QHE)                 | kWh/a | 16179                        |
| Annual energy consumption in colder climates for low temperature applications (QHE)                     | kWh/a | 12690                        |
| Annual energy consumption in warmer climates for average temperature applications (QHE)                 | kWh/a | 2369                         |
| Annual energy consumption in warmer climates for low temperature applications (QHE)                     | kWh/a | 1718                         |



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**STIEBEL ELTRON**

WPL 25 AC compact set





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| + |  | <input type="checkbox"/>            |




**Product datasheet: Composite system consisting of room heater and temperature controller to regulation (EU) no. 811/2013**

|   |   | <b>WPL 25 AC compact set</b> |
|---|---|------------------------------|
|   |   | 239082                       |
| Manufacturer  |   | STIEBEL ELTRON               |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ )                                   | % | 144                          |
| Temperature controller class  |   | VI                           |
| Contribution of temperature controller to room heating energy efficiency  | % | 4                            |
| Room heating energy efficiency of composite system under moderate climatic conditions   | % | 148                          |
| Room heating energy efficiency of composite system under colder climatic conditions   | % | 137                          |
| Room heating energy efficiency of composite system under warmer climatic conditions   | % | 183                          |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 11                           |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 35                           |
| Energy efficiency class for central heating in moderate climates for medium temperature applications                                      |   | A++                          |
| Room heating energy efficiency class of composite system under moderate climatic conditions   |   | A++                          |

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

|   |       | <b>WPL 25 AC compact set</b> |
|---|-------|------------------------------|
|   |       | 239082                       |
| 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    | 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 under moderate climatic conditions (Pdh)          | kW    | 13,8                         |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW    | 8,4                          |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW    | 7,8                          |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW    | 9,0                          |
| Tj = dual mode temperature under moderate climatic conditions (Pdh)                             | kW    | 12,5                         |
| Tj = operating temperature limit under moderate climatic conditions (Pdh)                       | kW    | 13,4                         |
| For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)                                     | kW    | 13,4                         |
| Dual mode temperature in moderate climates (Tbiv)   | °C    | -5                           |
| Seasonal room heating efficiency in colder climates for average temperature applications (ηs)   | %     | 131                          |
| 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 under moderate climatic conditions (COPd)                    |       | 2,48                         |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)                     |       | 3,51                         |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)                     |       | 4,61                         |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)                    |       | 6,66                         |
| Tj = dual mode temperature under moderate climatic conditions (COPd)                            |       | 2,59                         |
| Tj = operating temperature limit under moderate climatic conditions (COPd)                      |       | 2,28                         |
| For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)                                      |       | 2,28                         |
| Operating temperature limit (Tol)   | °C    | -10                          |
| Heating water operating temperature limit (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 (PSUB)  | kW    | 0                            |
| Type of energy supply, booster heater   |       | electric                     |
| Power control   |       | variable                     |
| Sound power level external  | dB(A) | 54                           |
| 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   | m³/h  | 4000                         |