



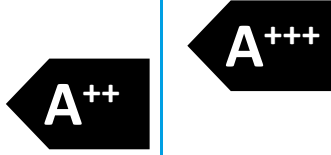
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**STIEBEL ELTRON** WPL 09 IKCS classic compact plus set




55 °C

35 °C




  
45 dB

  
32 dB

|     |     |
|-----|-----|
| ■ 7 | ■ 7 |
| ■ 4 | ■ 5 |
| ■ 2 | ■ 3 |

kW                      kW



2019

811/2013

**Product datasheet: Room heater to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)**

|   |       | <b>WPL 09 IKCS classic compact plus set</b> |
|---|-------|---|
|   |       | 236732                                      |
| 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    | 4   |
| Rated heating output in moderate climates for low temperature applications (Prated)                     | kW    | 5   |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ ) | %     | 128   |
| Seasonal room heating efficiency in moderate climates for low temperature applications ( $\eta_s$ )     | %     | 175   |
| Annual energy consumption in moderate climates for average temperature applications (QHE)               | kWh/a | 2837  |
| Annual energy consumption in moderate climates for low temperature applications (QHE)                   | kWh/a | 2178  |
| Sound power level internal  | dB(A) | 45  |
| Sound power level external  | dB(A) | 32  |
| Rated heating output in colder climates for average temperature applications (Prated)                   | kW    | 7   |
| Rated heating output in colder climates for low temperature applications (Prated)                       | kW    | 7   |
| Rated heating output in warmer climates for average temperature applications (Prated)                   | kW    | 2   |
| Rated heating output in warmer climates for low temperature applications (Prated)                       | kW    | 3   |
| Seasonal room heating efficiency in colder climates for average temperature applications ( $\eta_s$ )   | %     | 116   |
| Seasonal room heating efficiency in colder climates for low temperature applications ( $\eta_s$ )       | %     | 150   |
| Seasonal room heating efficiency in warmer climates for average temperature applications ( $\eta_s$ )   | %     | 136   |
| Seasonal room heating efficiency in warmer climates for low temperature applications ( $\eta_s$ )       | %     | 198   |
| Annual energy consumption in colder climates for average temperature applications (QHE)                 | kWh/a | 5547  |
| Annual energy consumption in colder climates for low temperature applications (QHE)                     | kWh/a | 4382  |
| Annual energy consumption in warmer climates for average temperature applications (QHE)                 | kWh/a | 923   |
| Annual energy consumption in warmer climates for low temperature applications (QHE)                     | kWh/a | 698   |



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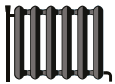
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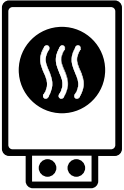

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**STIEBEL ELTRON**

WPL 09 IKCS classic compact plus set



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**Product datasheet: Composite system consisting of room heater and temperature controller to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)**

|   |   | <b>WPL 09 IKCS classic compact plus set</b> |
|---|---|---|
|   |   | 236732                                      |
| Manufacturer  |   | STIEBEL ELTRON                              |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ )                                   | % | 128   |
| 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   | % | 132   |
| Room heating energy efficiency of composite system under colder climatic conditions   | % | 120   |
| Room heating energy efficiency of composite system under warmer climatic conditions   | % | 140   |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 12  |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 8   |
| 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 09 IKCS classic compact plus set</b> |
|---|-------------------|---|
|   |                   | 236732                                      |
| Manufacturer  |                   | STIEBEL ELTRON                              |
| Heat source   |                   | Outside air                                 |
| Low temperature heat pump   |                   | -   |
| Combi boiler with heat pump   |                   | x   |
| Rated heating output in colder climates for average temperature applications (Prated)           | kW                | 7   |
| Rated heating output in moderate climates for average temperature applications (Prated)         | kW                | 4   |
| Rated heating output in warmer climates for average temperature applications (Prated)           | kW                | 2   |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW                | 3.9   |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW                | 2.5   |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW                | 2   |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW                | 2   |
| Tj = dual mode temperature under moderate climatic conditions (Pdh)                             | kW                | 3.9   |
| Tj = operating temperature limit under moderate climatic conditions (Pdh)                       | kW                | 3.9   |
| For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)                                     | kW                | 0   |
| Dual mode temperature in moderate climates (Tbiv)   | °C                | -7  |
| Seasonal room heating efficiency in colder climates for average temperature applications (ηs)   | %                 | 116   |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | %                 | 128   |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)   | %                 | 136   |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)                    |                   | 2.22  |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)                     |                   | 3.1   |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)                     |                   | 4.53  |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)                    |                   | 6,44  |
| Tj = dual mode temperature under moderate climatic conditions (COPd)                            |                   | 2.22  |
| Tj = operating temperature limit under moderate climatic conditions (COPd)                      |                   | 2.22  |
| For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)                                      |                   | 0   |
| Operating temperature limit in moderate climates (TOL)  | °C                | -7  |
| Heating water operating temperature limit (WTOL)  | °C                | 60  |
| Power consumption, OFF state (Poff)   | W                 | 21  |
| Power consumption, thermostat OFF state (PTO)   | W                 | 56  |
| Standby power consumption (PSB)   | W                 | 56  |
| Power consumption, operating state, with crankcase heating (PCK)                                | W                 | 26  |
| Booster heater heating output (PSUB)  | kW                | 1.54  |
| Type of energy supply, booster heater   |                   | electric                                    |
| Power control   |                   | variable                                    |
| Sound power level external  | dB(A)             | 32  |
| Sound power level internal  | dB(A)             | 45  |
| Annual energy consumption in colder climates for average temperature applications (QHE)         | kWh/a             | 5547  |
| Annual energy consumption in moderate climates for average temperature applications (QHE)       | kWh/a             | 2837  |
| Annual energy consumption in warmer climates for average temperature applications (QHE)         | kWh/a             | 923   |
| Flow rate, heat source side   | m <sup>3</sup> /h | 1240  |