



# ENERGY

**STIEBEL ELTRON**

WPL 09 IKCS classic  
comfort set



55 °C

35 °C



A++

A+++

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)**

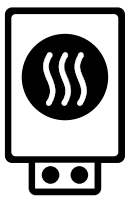
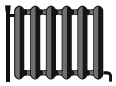
|   |       | <b>WPL 09 IKCS classic comfort set</b> |
|---|-------|--|
|   |       | 236734                                 |
| Manufacturer  |       | STIEBEL ELTRON                         |
| Energy efficiency class for central heating in moderate climates for medium temperature applications    |       | 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                                    |



# ENERGY

**STIEBEL ELTRON**

WPL 09 IKCS classic comfort set



**A<sup>++</sup>**

**A<sup>+++</sup>**

**A<sup>++</sup>**

**A<sup>++</sup>**

**A<sup>+</sup>**

**A**

**B**

**C**

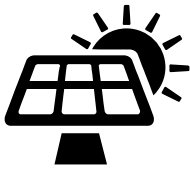
**D**

**E**

**F**

**G**

+



+



+



+



**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 comfort set</b> |
|---|---|--|
|   |   | 236734                                 |
| 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

|   |                   | WPL 09 IKCS classic comfort set |
|---|-------------------|---------------------------------|
|   |                   | 236734                          |
| 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 in moderate climate (Psup)  | 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                            |