



# ENERGY

**STIEBEL ELTRON**

WPL 17 ICS classic  
comfort set



55 °C

35 °C



A++

A++

51 dB

48 dB

|      |      |
|------|------|
| ■ 13 | ■ 13 |
| ■ 7  | ■ 9  |
| ■ 4  | ■ 5  |

kW                      kW

2019

811/2013

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

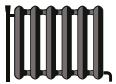
|   |       | <b>WPL 17 ICS classic comfort set</b> |
|---|-------|---------------------------------------|
|   |       | 236731                                |
| Manufacturer  |       | STIEBEL ELTRON                        |
| Energy efficiency class for central heating in moderate climates for medium 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    | 7                                     |
| Rated heating output in moderate climates for low temperature applications (Prated)                     | kW    | 9                                     |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ ) | %     | 129                                   |
| Seasonal room heating efficiency in moderate climates for low temperature applications ( $\eta_s$ )     | %     | 167                                   |
| Annual energy consumption in moderate climates for average temperature applications (QHE)               | kWh/a | 4506                                  |
| Annual energy consumption in moderate climates for low temperature applications (QHE)                   | kWh/a | 4387                                  |
| Sound power level internal  | dB(A) | 51                                    |
| Sound power level external  | dB(A) | 48                                    |
| Rated heating output in colder climates for average temperature applications (Prated)                   | kW    | 13                                    |
| Rated heating output in colder climates for low temperature applications (Prated)                       | kW    | 13                                    |
| Rated heating output in warmer climates for average temperature applications (Prated)                   | kW    | 4                                     |
| Rated heating output in warmer climates for low temperature applications (Prated)                       | kW    | 5                                     |
| Seasonal room heating efficiency in colder climates for average temperature applications ( $\eta_s$ )   | %     | 111                                   |
| Seasonal room heating efficiency in colder climates for low temperature applications ( $\eta_s$ )       | %     | 130                                   |
| Seasonal room heating efficiency in warmer climates for average temperature applications ( $\eta_s$ )   | %     | 145                                   |
| Seasonal room heating efficiency in warmer climates for low temperature applications ( $\eta_s$ )       | %     | 212                                   |
| Annual energy consumption in colder climates for average temperature applications (QHE)                 | kWh/a | 11197                                 |
| Annual energy consumption in colder climates for low temperature applications (QHE)                     | kWh/a | 9919                                  |
| Annual energy consumption in warmer climates for average temperature applications (QHE)                 | kWh/a | 1592                                  |
| Annual energy consumption in warmer climates for low temperature applications (QHE)                     | kWh/a | 1247                                  |



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**STIEBEL ELTRON**

WPL 17 ICS 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 17 ICS classic comfort set</b> |
|---|---|---------------------------------------|
|   |   | 236731                                |
| Manufacturer  |   | STIEBEL ELTRON                        |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ )                                   | % | 129                                   |
| 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   | % | 133                                   |
| Room heating energy efficiency of composite system under colder climatic conditions   | % | 115                                   |
| Room heating energy efficiency of composite system under warmer climatic conditions   | % | 149                                   |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 18                                    |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 16                                    |
| 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 17 ICS classic comfort set</b> |
|---|-------------------|---------------------------------------|
|   |                   | 236731                                |
| 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                | 13                                    |
| Rated heating output in moderate climates for average temperature applications (Prated)         | kW                | 7                                     |
| Rated heating output in warmer climates for average temperature applications (Prated)           | kW                | 4                                     |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW                | 6.39                                  |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW                | 4.81                                  |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW                | 4.25                                  |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW                | 3.18                                  |
| Tj = dual mode temperature under moderate climatic conditions (Pdh)                             | kW                | 6.39                                  |
| Tj = operating temperature limit under moderate climatic conditions (Pdh)                       | kW                | 2.8                                   |
| 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)   | %                 | 111                                   |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | %                 | 129                                   |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)   | %                 | 145                                   |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)                    |                   | 2.17                                  |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)                     |                   | 3.14                                  |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)                     |                   | 4.56                                  |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)                    |                   | 6,33                                  |
| Tj = dual mode temperature under moderate climatic conditions (COPd)                            |                   | 2.17                                  |
| Tj = operating temperature limit under moderate climatic conditions (COPd)                      |                   | 1.83                                  |
| 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                | 4.43                                  |
| Type of energy supply, booster heater   |                   | electric                              |
| Power control   |                   | variable                              |
| Sound power level external  | dB(A)             | 48                                    |
| Sound power level internal  | dB(A)             | 51                                    |
| Annual energy consumption in colder climates for average temperature applications (QHE)         | kWh/a             | 11197                                 |
| Annual energy consumption in moderate climates for average temperature applications (QHE)       | kWh/a             | 4506                                  |
| Annual energy consumption in warmer climates for average temperature applications (QHE)         | kWh/a             | 1592                                  |
| Flow rate, heat source side   | m <sup>3</sup> /h | 1240                                  |