

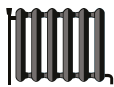


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**STIEBEL ELTRON**

WPF 10



55 °C

35 °C

A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

A<sup>++</sup>

A<sup>+++</sup>



48 dB



12

9

9

kW

13

10

10

kW



2019

811/2013

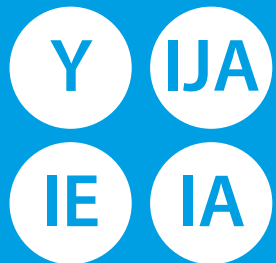
**Product datasheet: Room heater to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)**

|   |   | <b>WPF 10</b>         |
|---|---|-----------------------|
|   |   | <b>232912</b>         |
| Manufacturer  |   | <b>STIEBEL ELTRON</b> |
| Energy efficiency class for central heating in moderate climates for medium temperature applications    |   | <b>A++</b>            |
| Energy efficiency class for central heating in moderate climates for low temperature applications       |   | <b>A+++</b>           |
| Rated heating output in moderate climates for average temperature applications (Prated)                 | <b>kW</b>   | <b>9</b>              |
| Rated heating output in moderate climates for low temperature applications (Prated)                     | <b>kW</b>   | <b>10</b>             |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ ) | <b>%</b>  | <b>137</b>            |
| Seasonal room heating efficiency in moderate climates for low temperature applications ( $\eta_s$ )     | <b>%</b>  | <b>216</b>            |
| Annual energy consumption in moderate climates for average temperature applications (QHE)               | <b>kWh/a</b>  | <b>5176</b>           |
| Annual energy consumption in moderate climates for low temperature applications (QHE)                   | <b>kWh/a</b>  | <b>3799</b>           |
| Sound power level internal  | <b>dB(A)</b>  | <b>48</b>             |
| Special measures  | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions |                       |
| Rated heating output in colder climates for average temperature applications (Prated)                   | <b>kW</b>   | <b>12</b>             |
| Rated heating output in colder climates for low temperature applications (Prated)                       | <b>kW</b>   | <b>13</b>             |
| Rated heating output in warmer climates for average temperature applications (Prated)                   | <b>kW</b>   | <b>9</b>              |
| Rated heating output in warmer climates for low temperature applications (Prated)                       | <b>kW</b>   | <b>10</b>             |
| Seasonal room heating efficiency in colder climates for average temperature applications ( $\eta_s$ )   | <b>%</b>  | <b>144</b>            |
| Seasonal room heating efficiency in colder climates for low temperature applications ( $\eta_s$ )       | <b>%</b>  | <b>224</b>            |
| Seasonal room heating efficiency in warmer climates for average temperature applications ( $\eta_s$ )   | <b>%</b>  | <b>136</b>            |
| Seasonal room heating efficiency in warmer climates for low temperature applications ( $\eta_s$ )       | <b>%</b>  | <b>215</b>            |
| Annual energy consumption in colder climates for average temperature applications (QHE)                 | <b>kWh/a</b>  | <b>7549</b>           |
| Annual energy consumption in colder climates for low temperature applications (QHE)                     | <b>kWh/a</b>  | <b>5457</b>           |
| Annual energy consumption in warmer climates for average temperature applications (QHE)                 | <b>kWh/a</b>  | <b>3367</b>           |
| Annual energy consumption in warmer climates for low temperature applications (QHE)                     | <b>kWh/a</b>  | <b>2466</b>           |



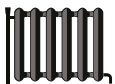
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**STIEBEL ELTRON**

WPF 10



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

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

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

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

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

**A**

**B**

**C**

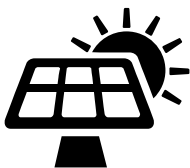
**D**

**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>WPF 10</b>  |
|---|---|----------------|
|   |   | 232912         |
| Manufacturer  |   | STIEBEL ELTRON |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ )                                   | % | 137            |
| Temperature controller class  |   | VII            |
| Contribution of temperature controller to room heating energy efficiency  | % | 3.50           |
| Room heating energy efficiency of composite system under moderate climatic conditions   | % | 141            |
| Room heating energy efficiency of composite system under colder climatic conditions   | % | 148            |
| 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 | % | 7              |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 1              |
| 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>WPF 10</b>  |
|---|----|----------------|
|   |    | 232912         |
| Manufacturer  |    | STIEBEL ELTRON |
| Heat source   |    | Brine          |
| With booster heater   |    | x              |
| Combi boiler with heat pump   |    | -              |
| Rated heating output in colder climates for average temperature applications (Prated)           | kW | 12             |
| Rated heating output in moderate climates for average temperature applications (Prated)         | kW | 9              |
| Rated heating output in warmer climates for average temperature applications (Prated)           | kW | 9              |
| Tj = -7 °C heating output, partial load range in colder climates (Pdh)                          | kW | 9.6            |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 9.20           |
| Tj = -7 °C heating output, partial load range in warmer climates (Pdh)                          | kW | 9.1            |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh)                           | kW | 9.9            |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 9.60           |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 9.1            |
| Tj = 7 °C heating output, partial load range in colder climates (Pdh)                           | kW | 10.1           |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 9.90           |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 9.5            |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh)                          | kW | 10.3           |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 10.10          |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh)                          | kW | 10             |
| Tj = dual mode temperature in colder climates (Pdh)   | kW | 9.5            |
| Tj = dual mode temperature under moderate climatic conditions (Pdh)                             | kW | 9.10           |
| Tj = dual mode temperature in warmer climates (Pdh)   | kW | 9.1            |
| Tj = operating temperature limit in colder climates (Pdh)                                       | kW | 9.1            |
| Tj = operating temperature limit under moderate climatic conditions (Pdh)                       | kW | 9.10           |
| Tj = operating temperature limit in warmer climates (Pdh)                                       | kW | 9.1            |
| For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)                                   | kW | 9.10           |
| Dual mode temperature in colder climates (Tbiv)   | °C | -15            |
| Dual mode temperature in moderate climates (Tbiv)   | °C | -10            |
| Dual mode temperature in warmer climates (Tbiv)   | °C | 2              |
| Seasonal room heating efficiency in colder climates for average temperature applications (ηs)   | %  | 144            |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | %  | 137            |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)   | %  | 136            |
| Tj = -7 °C COP, partial load range in colder climates (COPd)                                    |    | 3.55           |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 2.97           |
| Tj = -7 °C COP, partial load range in warmer climates (COPd)                                    |    | 2.83           |
| Tj = 2 °C COP, partial load range in colder climates (COPd)                                     |    | 4.03           |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 3.56           |
| Tj = 2 °C COP, partial load range in warmer climates (COPd)                                     |    | 2.83           |
| Tj = 7 °C COP, partial load range in colder climates (COPd)                                     |    | 4.48           |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 4.03           |
| Tj = 7 °C COP, partial load range in warmer climates (COPd)                                     |    | 3.28           |
| Tj = 12 °C COP, partial load range in colder climates (COPd)                                    |    | 4.87           |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 4.6            |
| Tj = 12 °C COP, partial load range in warmer climates (COPd)                                    |    | 4.21           |
| Tj = dual mode temperature in colder climates (COPd)  |    | 3.3            |

|   |   |          |
|---|---|----------|
| Tj = dual mode temperature under moderate climatic conditions (COPd)                      |   | 2.83     |
| Tj = dual mode temperature in warmer climates (COPd)                                      |   | 2.83     |
| Tj = operating temperature limit in colder climates (COPd)                                |   | 2.83     |
| Tj = operating temperature limit under moderate climatic conditions (COPd)                |   | 2.83     |
| Tj = operating temperature limit in warmer climates (COPd)                                |   | 2.83     |
| For air/water heat pumps: Tj= -15 °C (if TOL < -20 °C) (COPd)                             |   | 2.83     |
| Heating water operating temperature limit (WTOL)  | °C  | 65       |
| Power consumption, OFF state (Poff)   | W   | 0.000    |
| Power consumption, thermostat OFF state (PTO)   | W   | 84       |
| Standby power consumption (PSB)   | W   | 9.000    |
| Power consumption, operating state, with crankcase heating (PCK)                          | W   | 0.000    |
| Booster heater heating output (PSUB)  | kW  | 0.000    |
| Type of energy supply, booster heater   |   | electric |
| Power control   |   | Fixed    |
| Sound power level internal  | dB(A)   | 48       |
| Annual energy consumption in colder climates for average temperature applications (QHE)   | kWh/a   | 7549     |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a   | 5176     |
| Annual energy consumption in warmer climates for average temperature applications (QHE)   | kWh/a   | 3367     |
| Flow rate, heat source side   | m <sup>3</sup> /h   | 2.61     |
| Special measures  | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions |          |