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**STIEBEL ELTRON** HPG-I 15 CS Premium



55 °C

35 °C



**A+++**

**A+++**

**39 dB**

|      |      |
|------|------|
| ■ 13 | ■ 14 |
| ■ 13 | ■ 14 |
| ■ 13 | ■ 14 |
| kW   | kW   |

2019

811/2013

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

|                                                                                                         |                                                                                                                                         | <b>HPG-I 15 CS Premium</b> |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
|                                                                                                         |                                                                                                                                         | 202631                     |
| 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                                                                                                                                      | 13                         |
| Rated heating output in moderate climates for low temperature applications (Prated)                     | kW                                                                                                                                      | 14                         |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ ) | %                                                                                                                                       | 168                        |
| Seasonal room heating efficiency in moderate climates for low temperature applications ( $\eta_s$ )     | %                                                                                                                                       | 210                        |
| Annual energy consumption in moderate climates for average temperature applications (QHE)               | kWh/a                                                                                                                                   | 6476                       |
| Annual energy consumption in moderate climates for low temperature applications (QHE)                   | kWh/a                                                                                                                                   | 5489                       |
| Sound power level internal                                                                              | dB(A)                                                                                                                                   | 39                         |
| 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)                   | kW                                                                                                                                      | 13                         |
| Rated heating output in colder climates for low temperature applications (Prated)                       | kW                                                                                                                                      | 14                         |
| Rated heating output in warmer climates for average temperature applications (Prated)                   | kW                                                                                                                                      | 13                         |
| Rated heating output in warmer climates for low temperature applications (Prated)                       | kW                                                                                                                                      | 14                         |
| Seasonal room heating efficiency in colder climates for average temperature applications ( $\eta_s$ )   | %                                                                                                                                       | 174                        |
| Seasonal room heating efficiency in colder climates for low temperature applications ( $\eta_s$ )       | %                                                                                                                                       | 218                        |
| Seasonal room heating efficiency in warmer climates for average temperature applications ( $\eta_s$ )   | %                                                                                                                                       | 167                        |
| Seasonal room heating efficiency in warmer climates for low temperature applications ( $\eta_s$ )       | %                                                                                                                                       | 208                        |
| Annual energy consumption in colder climates for average temperature applications (QHE)                 | kWh/a                                                                                                                                   | 7451                       |
| Annual energy consumption in colder climates for low temperature applications (QHE)                     | kWh/a                                                                                                                                   | 6298                       |
| Annual energy consumption in warmer climates for average temperature applications (QHE)                 | kWh/a                                                                                                                                   | 4211                       |
| Annual energy consumption in warmer climates for low temperature applications (QHE)                     | kWh/a                                                                                                                                   | 3573                       |



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**STIEBEL ELTRON**

HPG-I 15 CS Premium





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

A++

A+

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>HPG-I 15 CS Premium</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------|
|                                                                                                                                           |   | 202631                     |
| Manufacturer                                                                                                                              |   | STIEBEL ELTRON             |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ )                                   | % | 168                        |
| Temperature controller class                                                                                                              |   | VII                        |
| Contribution of temperature controller to room heating energy efficiency                                                                  | % | 3                          |
| Room heating energy efficiency of composite system under moderate climatic conditions                                                     | % | 171                        |
| Room heating energy efficiency of composite system under colder climatic conditions                                                       | % | 178                        |
| Room heating energy efficiency of composite system under warmer climatic conditions                                                       | % | 170                        |
| 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

|                                                                                                 |    | HPG-I 15 CS Premium |
|-------------------------------------------------------------------------------------------------|----|---------------------|
|                                                                                                 |    | 202631              |
| Manufacturer                                                                                    |    | STIEBEL ELTRON      |
| Heat source                                                                                     |    | Brine               |
| 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 | 13                  |
| Rated heating output in moderate climates for average temperature applications (Prated)         | kW | 13                  |
| Rated heating output in warmer climates for average temperature applications (Prated)           | kW | 13                  |
| Tj = -7 °C heating output, partial load range in colder climates (Pdh)                          | kW | 8.3                 |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 12.2                |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh)                           | kW | 5.1                 |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 7.4                 |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 13.8                |
| Tj = 7 °C heating output, partial load range in colder climates (Pdh)                           | kW | 3.2                 |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 4.8                 |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 8.8                 |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh)                          | kW | 2.2                 |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 2.2                 |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh)                          | kW | 3.9                 |
| Tj = dual mode temperature in colder climates (Pdh)                                             | kW | 13.8                |
| Tj = dual mode temperature under moderate climatic conditions (Pdh)                             | kW | 13.8                |
| Tj = dual mode temperature in warmer climates (Pdh)                                             | kW | 13.8                |
| Tj = operating temperature limit in colder climates (Pdh)                                       | kW | 13.8                |
| Tj = operating temperature limit under moderate climatic conditions (Pdh)                       | kW | 13.8                |
| Tj = operating temperature limit in warmer climates (Pdh)                                       | kW | 13.8                |
| Dual mode temperature in colder climates (Tbiv)                                                 | °C | -22                 |
| 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)   | %  | 174                 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | %  | 168                 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)   | %  | 167                 |
| Tj = -7 °C COP, partial load range in colder climates (COPd)                                    |    | 4.24                |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 3.40                |
| Tj = 2 °C COP, partial load range in colder climates (COPd)                                     |    | 4.94                |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 4.44                |
| Tj = 2 °C COP, partial load range in warmer climates (COPd)                                     |    | 3.26                |
| Tj = 7 °C COP, partial load range in colder climates (COPd)                                     |    | 5.24                |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 5.03                |
| Tj = 7 °C COP, partial load range in warmer climates (COPd)                                     |    | 3.99                |
| Tj = 12 °C COP, partial load range in colder climates (COPd)                                    |    | 5.44                |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 5.31                |
| Tj = 12 °C COP, partial load range in warmer climates (COPd)                                    |    | 5.16                |
| Tj = dual mode temperature in colder climates (COPd)                                            |    | 3.26                |
| Tj = dual mode temperature under moderate climatic conditions (COPd)                            |    | 3.26                |
| Tj = dual mode temperature in warmer climates (COPd)                                            |    | 3.26                |

|                                                                                           |                                                                                                                                         |          |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------|
| Tj = operating temperature limit in colder climates (COPd)                                |                                                                                                                                         | 3.26     |
| Tj = operating temperature limit under moderate climatic conditions (COPd)                |                                                                                                                                         | 3.26     |
| Tj = operating temperature limit in warmer climates (COPd)                                |                                                                                                                                         | 3.26     |
| Operating temperature limit in moderate climates (TOL)                                    | °C                                                                                                                                      | -10      |
| Heating water operating temperature limit (WTOL)                                          | °C                                                                                                                                      | 75       |
| Power consumption, OFF state (Poff)                                                       | W                                                                                                                                       | 19       |
| Power consumption, thermostat OFF state (PTO)                                             | W                                                                                                                                       | 19       |
| Standby power consumption (PSB)                                                           | W                                                                                                                                       | 19       |
| Power consumption, operating state, with crankcase heating (PCK)                          | W                                                                                                                                       | 0        |
| Booster heater heating output in colder climates (Psup)                                   | kW                                                                                                                                      | 0.0      |
| Booster heater heating output in moderate climate (Psup)                                  | kW                                                                                                                                      | 0.0      |
| Booster heater heating output in warmer climates (Psup)                                   | kW                                                                                                                                      | 0.0      |
| Type of energy supply, booster heater                                                     |                                                                                                                                         | electric |
| Power control                                                                             |                                                                                                                                         | variable |
| Sound power level internal                                                                | dB(A)                                                                                                                                   | 39       |
| Annual energy consumption in colder climates for average temperature applications (QHE)   | kWh/a                                                                                                                                   | 7451     |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a                                                                                                                                   | 6476     |
| Annual energy consumption in warmer climates for average temperature applications (QHE)   | kWh/a                                                                                                                                   | 4211     |
| Flow rate, heat source side                                                               | m <sup>3</sup> /h                                                                                                                       | 1,31     |
| Energy efficiency for DHW heating ( $\Gamma_{wh}$ ) under moderate climatic conditions    | %                                                                                                                                       | -        |
| Special measures                                                                          | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions |          |