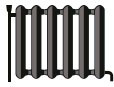




# ENERGY

**STIEBEL ELTRON**

HPG-I 08 CS Premium



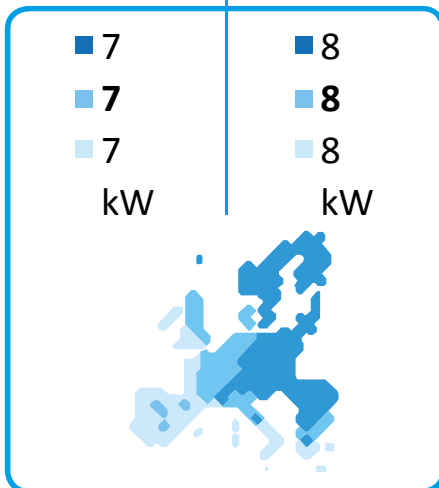
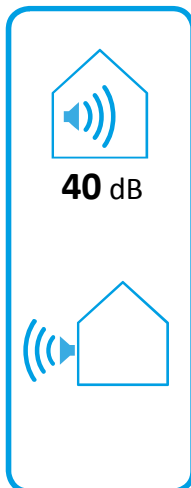
55 °C

35 °C



A+++

A+++



2019

811/2013

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

|   |   | <b>HPG-I 08 CS Premium</b> |
|---|---|----------------------------|
|   |   | 202629                     |
| 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  | 8                          |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ ) | %   | 158                        |
| Seasonal room heating efficiency in moderate climates for low temperature applications ( $\eta_s$ )     | %   | 197                        |
| Annual energy consumption in moderate climates for average temperature applications (QHE)               | kWh/a   | 3461                       |
| Annual energy consumption in moderate climates for low temperature applications (QHE)                   | kWh/a   | 3094                       |
| Sound power level internal  | dB(A)   | 40                         |
| 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  | 7                          |
| Rated heating output in colder climates for low temperature applications (Prated)                       | kW  | 8                          |
| Rated heating output in warmer climates for average temperature applications (Prated)                   | kW  | 7                          |
| Rated heating output in warmer climates for low temperature applications (Prated)                       | kW  | 8                          |
| Seasonal room heating efficiency in colder climates for average temperature applications ( $\eta_s$ )   | %   | 163                        |
| Seasonal room heating efficiency in colder climates for low temperature applications ( $\eta_s$ )       | %   | 203                        |
| Seasonal room heating efficiency in warmer climates for average temperature applications ( $\eta_s$ )   | %   | 157                        |
| Seasonal room heating efficiency in warmer climates for low temperature applications ( $\eta_s$ )       | %   | 197                        |
| Annual energy consumption in colder climates for average temperature applications (QHE)                 | kWh/a   | 3985                       |
| Annual energy consumption in colder climates for low temperature applications (QHE)                     | kWh/a   | 3570                       |
| Annual energy consumption in warmer climates for average temperature applications (QHE)                 | kWh/a   | 2243                       |
| Annual energy consumption in warmer climates for low temperature applications (QHE)                     | kWh/a   | 1997                       |



# ENERGY

**STIEBEL ELTRON**

HPG-I 08 CS Premium



**A+++**

**A+++**

**A+++**

**A++**

**A+**

**A**

**B**

**C**

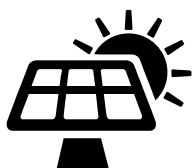
**D**

**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 08 CS Premium</b> |
|---|---|----------------------------|
|   |   | 202629                     |
| Manufacturer  |   | STIEBEL ELTRON             |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ )                                   | % | 158                        |
| Contribution of temperature controller to room heating energy efficiency  | % | 4                          |
| Room heating energy efficiency of composite system under moderate climatic conditions   | % | 161                        |
| Room heating energy efficiency of composite system under colder climatic conditions   | % | 166                        |
| Room heating energy efficiency of composite system under warmer climatic conditions   | % | 160                        |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 6                          |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 0                          |
| 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>HPG-I 08 CS Premium</b> |
|---|----|----------------------------|
|   |    | 202629                     |
| 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 | 7                          |
| 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 | 7                          |
| Tj = -7 °C heating output, partial load range in colder climates (Pdh)                          | kW | 4.1                        |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 6.1                        |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh)                           | kW | 2.5                        |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 3.7                        |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 6.9                        |
| Tj = 7 °C heating output, partial load range in colder climates (Pdh)                           | kW | 1.6                        |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)           | kW | 2.3                        |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh)                           | kW | 4.4                        |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh)                          | kW | 1.0                        |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)          | kW | 1.0                        |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh)                          | kW | 1.9                        |
| Tj = dual mode temperature in colder climates (Pdh)   | kW | 6.9                        |
| Tj = dual mode temperature under moderate climatic conditions (Pdh)                             | kW | 6.9                        |
| Tj = dual mode temperature in warmer climates (Pdh)   | kW | 6.9                        |
| Tj = operating temperature limit in colder climates (Pdh)                                       | kW | 6.9                        |
| Tj = operating temperature limit under moderate climatic conditions (Pdh)                       | kW | 6.9                        |
| Tj = operating temperature limit in warmer climates (Pdh)                                       | kW | 6.9                        |
| 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)   | %  | 163                        |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | %  | 158                        |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)   | %  | 157                        |
| Tj = -7 °C COP, partial load range in colder climates (COPd)                                    |    | 4.07                       |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 3.44                       |
| Tj = 2 °C COP, partial load range in colder climates (COPd)                                     |    | 4.60                       |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 4.21                       |
| Tj = 2 °C COP, partial load range in warmer climates (COPd)                                     |    | 3.22                       |
| Tj = 7 °C COP, partial load range in colder climates (COPd)                                     |    | 4.90                       |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)                     |    | 4.69                       |
| Tj = 7 °C COP, partial load range in warmer climates (COPd)                                     |    | 3.88                       |
| Tj = 12 °C COP, partial load range in colder climates (COPd)                                    |    | 4.75                       |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)                    |    | 4.61                       |
| Tj = 12 °C COP, partial load range in warmer climates (COPd)                                    |    | 4.85                       |
| Tj = dual mode temperature in colder climates (COPd)  |    | 3.22                       |
| Tj = dual mode temperature under moderate climatic conditions (COPd)                            |    | 3.22                       |
| Tj = dual mode temperature in warmer climates (COPd)  |    | 3.22                       |

|   |   |          |
|---|---|----------|
| Tj = operating temperature limit in colder climates (COPd)                                |   | 3.22     |
| Tj = operating temperature limit under moderate climatic conditions (COPd)                |   | 3.22     |
| Tj = operating temperature limit in warmer climates (COPd)                                |   | 3.22     |
| Operating temperature limit in moderate climates (TOL)                                    | °C  | -10      |
| Heating water operating temperature limit (WTOL)  | °C  | 75       |
| Power consumption, OFF state (Poff)   | W   | 16       |
| Power consumption, thermostat OFF state (PTO)   | W   | 16       |
| Standby power consumption (PSB)   | W   | 16       |
| 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)   | 40       |
| Annual energy consumption in colder climates for average temperature applications (QHE)   | kWh/a   | 3985     |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a   | 3461     |
| Annual energy consumption in warmer climates for average temperature applications (QHE)   | kWh/a   | 2243     |
| Flow rate, heat source side   | m <sup>3</sup> /h   | 0,68     |
| Energy efficiency for DHW heating ( $\eta_{wh}$ ) 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 |          |