



# ENERGY

HPA-O 07.2 W Plus HC 230

**STIEBEL ELTRON**



55 °C

35 °C



**A+++**

**A+++**



**0** dB



**47** dB

■ 8  
■ 8  
■ 4

kW

■ 8  
■ 8  
■ 4

kW



2019

811/2013

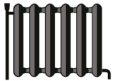
|                                                                                                                            |       | HPA-O 07.2 W Plus HC 230 |
|----------------------------------------------------------------------------------------------------------------------------|-------|--------------------------|
|                                                                                                                            |       | 208432                   |
| Manufacturer                                                                                                               |       | STIEBEL ELTRON           |
| Space heating energy efficiency class under average climate conditions, medium-temperature applications                    |       | A+++                     |
| Energy efficiency class, space heating under average climate conditions, low-temperature applications                      |       | A+++                     |
| Rated heating output under average climate conditions for medium-temperature applications (P rated)                        | kW    | 8                        |
| Rated heating output under average climate conditions for low-temperature applications (P rated)                           | kW    | 8                        |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications ( $\eta_s$ ) | %     | 158                      |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )    | %     | 200                      |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE)                       | kWh/a | 4133                     |
| Annual energy consumption under average climate conditions for low-temperature applications (QHE)                          | kWh/a | 3310                     |
| Sound power level, indoor                                                                                                  | dB(A) | 0                        |
| Option for operation only at off-peak times                                                                                |       | -                        |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated)                         | kW    | 8                        |
| Rated heating output under colder climate conditions for low-temperature applications (P rated)                            | kW    | 8                        |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated)                         | kW    | 4                        |
| Rated heating output under warmer climate conditions for low-temperature applications (P rated)                            | kW    | 4                        |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications ( $\eta_s$ )  | %     | 144                      |
| Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications ( $\eta_s$ )     | %     | 182                      |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications ( $\eta_s$ )  | %     | 180                      |
| Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications ( $\eta_s$ )     | %     | 253                      |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)                        | kWh/a | 5120                     |
| Annual energy consumption under colder climate conditions for low-temperature applications (QHE)                           | kWh/a | 4154                     |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)                        | kWh/a | 1292                     |
| Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)                           | kWh/a | 899                      |
| Sound power level, outdoor                                                                                                 | dB(A) | 47                       |



# ENERGY

HPA-O 07.2 W Plus HC 230

**STIEBEL ELTRON**



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

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

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

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

**A**

**B**

**C**

**D**

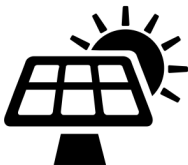
**E**

**F**

**G**

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

+



+



+



+



**Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)**

|                                                                                                                                         |   | <b>HPA-O 07.2 W Plus HC 230</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------|
|                                                                                                                                         |   | 208432                          |
| Manufacturer                                                                                                                            |   | STIEBEL ELTRON                  |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )                 | % | 200                             |
| Temperature control class                                                                                                               |   | VI                              |
| Contribution of temperature control to space heating energy efficiency                                                                  | % | 4                               |
| Space heating energy efficiency of package under average climate conditions                                                             | % | 162                             |
| Space heating energy efficiency of package under colder climate conditions                                                              | % | 148                             |
| Space heating energy efficiency of package under warmer climate conditions                                                              | % | 184                             |
| Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions | % | 14                              |
| Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions | % | 22                              |
| Energy efficiency class, space heating under average climate conditions, low-temperature applications                                   |   | A+++                            |
| Space heating energy efficiency class of package under average climate conditions                                                       |   | A+++                            |

**Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)**

|                                                                                                                    |    | <b>HPA-O 07.2 W Plus HC 230</b> |
|--------------------------------------------------------------------------------------------------------------------|----|---------------------------------|
|                                                                                                                    |    | 208432                          |
| Manufacturer                                                                                                       |    | STIEBEL ELTRON                  |
| Heat source                                                                                                        |    | Luft                            |
| Low temperature heat pump                                                                                          |    | -                               |
| With auxiliary heater                                                                                              |    | -                               |
| Combination heater with heat pump                                                                                  |    | -                               |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated)                 | kW | 8                               |
| Rated heating output under average climate conditions for medium-temperature applications (P rated)                | kW | 8                               |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated)                 | kW | 4                               |
| Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)                                | kW | 4,6                             |
| Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)                               | kW | 7,1                             |
| Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)                                 | kW | 2,8                             |
| Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)                                | kW | 4,3                             |
| Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)                                 | kW | 4,4                             |
| Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)                                 | kW | 2,8                             |
| Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)                                | kW | 2,8                             |
| Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)                                 | kW | 2,9                             |
| Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)                                | kW | 3,3                             |
| Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)                               | kW | 3,2                             |
| Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)                                | kW | 3,2                             |
| Tj = dual mode temperature under colder climate conditions (Pdh)                                                   | kW | 6,2                             |
| Tj = dual mode temperature under average climate conditions (Pdh)                                                  | kW | 7,1                             |
| Tj = dual mode temperature under warmer climate conditions (Pdh)                                                   | kW | 4,4                             |
| Tj = operating temperature limit under colder climate conditions (Pdh)                                             | kW | 4,8                             |
| Tj = operating temperature limit under average climate conditions (Pdh)                                            | kW | 7,0                             |
| Tj = operating temperature limit under warmer climate conditions (Pdh)                                             | kW | 4,4                             |
| Dual mode temperature under colder climate conditions (Tbiv)                                                       | °C | -15                             |
| Dual mode temperature under average climate conditions (Tbiv)                                                      | °C | -7                              |
| Dual mode temperature under warmer climate conditions (Tbiv)                                                       | °C | 2                               |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  | %  | 144                             |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs) | %  | 158                             |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)  | %  | 180                             |
| Tj = -7 °C COP, partial load range under colder climate conditions (COPd)                                          |    | 3,15                            |
| Tj = -7 °C COP, partial load range under average climate conditions (COPd)                                         |    | 2,68                            |
| Tj = 2 °C COP, partial load range under colder climate conditions (COPd)                                           |    | 4,23                            |
| Tj = 2 °C COP, partial load range under average climate conditions (COPd)                                          |    | 3,79                            |
| Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)                                           |    | 2,84                            |
| Tj = 7 °C COP, partial load range under colder climate conditions (COPd)                                           |    | 5,62                            |
| Tj = 7 °C COP, partial load range under average climate conditions (COPd)                                          |    | 5,42                            |
| Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)                                           |    | 4,07                            |

|                                                                                                      |       |              |
|------------------------------------------------------------------------------------------------------|-------|--------------|
| Tj = 12 °C COP, partial load range under colder climate conditions (COPd)                            |       | 6,76         |
| Tj = 12 °C COP, partial load range under average climate conditions (COPd)                           |       | 6,58         |
| Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)                            |       | 5,82         |
| Tj = dual mode temperature under colder climate conditions (COPd)                                    |       | 2,50         |
| Tj = dual mode temperature under average climate conditions (COPd)                                   |       | 2,68         |
| Tj = dual mode temperature under warmer climate conditions (COPd)                                    |       | 2,84         |
| Tj = operating temperature limit under colder climate conditions (COPd)                              |       | 2,00         |
| Tj = operating temperature limit under average climate conditions (COPd)                             |       | 2,52         |
| Tj = operating temperature limit under warmer climate conditions (COPd)                              |       | 2,84         |
| Operating temperature limit under colder climate conditions (TOL)                                    | °C    | -22          |
| Operating temperature limit under average climate conditions (TOL)                                   | °C    | -10          |
| Operating temperature limit under warmer climate conditions (TOL)                                    | °C    | 2            |
| Operating temperature limit of heating water under colder climate conditions (WTOL)                  | °C    | 75           |
| Operating temperature limit of heating water under average climate conditions (WTOL)                 | °C    | 75           |
| Operating temperature limit of heating water under warmer climate conditions (WTOL)                  | °C    | 75           |
| Power consumption, off-mode (Poff)                                                                   | W     | 9            |
| Power consumption, thermostat off-mode (PTO)                                                         | W     | 18           |
| Power consumption, standby state (PSB)                                                               | W     | 9            |
| Power consumption, operating state, with crankcase heating (PCK)                                     | W     | 0            |
| Rated heating output of auxiliary heater under colder climate conditions (PSUP)                      | kW    | 2,8          |
| Rated heating output of auxiliary heater under average climate conditions (PSUP)                     | kW    | 1,1          |
| Rated heating output of auxiliary heater under warmer climate conditions (PSUP)                      | kW    | 0,0          |
| Type of energy supply, auxiliary heater                                                              |       | elektrisch   |
| Output control                                                                                       |       | veränderlich |
| Sound power level, outdoor                                                                           | dB(A) | 47           |
| Sound power level, indoor                                                                            | dB(A) | 0            |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)  | kWh/a | 5120         |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 4133         |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)  | kWh/a | 1292         |