

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

|   |       | <b>HPA-O 4 CS Plus compact Set</b>  |
|---|-------|---|
|   |       | 239056  |
| Manufacturer  |       | STIEBEL ELTRON  |
| Load profile  |       | L   |
| 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++   |
| Energy efficiency category for DHW heating under moderate climatic conditions                           |       | A   |
| Rated heating output in moderate climates for average temperature applications (Prated)                 | kW    | 4   |
| Rated heating output in moderate climates for low temperature applications (Prated)                     | kW    | 5   |
| Annual energy consumption in moderate climates for average temperature applications (QHE)               | kWh/a | 2618  |
| Annual energy consumption in moderate climates for low temperature applications (QHE)                   | kWh/a | 2265  |
| Annual power consumption in moderate climates (AEC)   | kWh/a | 905   |
| Seasonal room heating efficiency in moderate climates for average temperature applications ( $\eta_s$ ) | %     | 113   |
| Seasonal room heating efficiency in moderate climates for low temperature applications ( $\eta_s$ )     | %     | 163   |
| Energy efficiency for DHW heating ( $\eta_{wh}$ ) under moderate climatic conditions                    | %     | 113   |
| Sound power level external  | dB(A) | 52  |
| 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    | 5   |
| Rated heating output in colder climates for low temperature applications (Prated)                       | kW    | 4   |
| Rated heating output in warmer climates for average temperature applications (Prated)                   | kW    | 3   |
| Rated heating output in warmer climates for low temperature applications (Prated)                       | kW    | 4   |
| Annual energy consumption in colder climates for average temperature applications (QHE)                 | kWh/a | 4884  |
| Annual energy consumption in colder climates for low temperature applications (QHE)                     | kWh/a | 2757  |
| Annual energy consumption in warmer climates for average temperature applications (QHE)                 | kWh/a | 1467  |
| Annual energy consumption in warmer climates for low temperature applications (QHE)                     | kWh/a | 889   |
| Annual power consumption in colder climates (AEC)   | kWh/a | 949   |
| Annual power consumption in warmer climates (AEC)   | kWh/a | 717   |
| Seasonal room heating efficiency in colder climates for average temperature applications ( $\eta_s$ )   | %     | 105   |
| Seasonal room heating efficiency in colder climates for low temperature applications ( $\eta_s$ )       | %     | 150   |
| Seasonal room heating efficiency in warmer climates for average temperature applications ( $\eta_s$ )   | %     | 139   |
| Seasonal room heating efficiency in warmer climates for low temperature applications ( $\eta_s$ )       | %     | 206   |
| Energy efficiency for DHW heating ( $\eta_{wh}$ ) under colder climatic conditions                      | %     | 102   |
| Energy efficiency for DHW heating ( $\eta_{wh}$ ) under warmer climatic conditions                      | %     | 139   |
| Operation exclusively enabled during low load times   |       | -   |