



ENERGY

STIEBEL ELTRON

HPA-O 3 CS Plus compact D Set S

Icons representing energy efficiency for heating and hot water. A central black arrow points left with 'A+' written on it. To the left is a boiler icon with three wavy lines. To the right is a radiator icon. Below the central arrow is a hot water tap icon.

Energy efficiency scale for heating. A radiator icon is at the top left. A scale of ten horizontal bars points to the right, labeled A+++ (green), A++ (light green), A+ (yellow-green), A (yellow), B (orange-yellow), C (orange), D (red-orange), E (red), F (dark red), and G (dark red). A black arrow on the right points left with 'A+' written on it.

Energy efficiency icons for various features. Each icon is preceded by a blue plus sign and followed by a square box. From top to bottom: a solar panel icon with a sun, a hot water tank icon, a control panel icon with a hand pointing, and a boiler icon with three wavy lines.

Energy efficiency scale for hot water. A hot water tap icon is at the top left. A scale of ten horizontal bars points to the right, labeled A+++ (green), A++ (light green), A+ (yellow-green), A (yellow), B (orange-yellow), C (orange), D (red-orange), E (red), F (dark red), and G (dark red).

Product datasheet: Composite system consisting of room heater and temperature controller to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)

| | | HPA-O 3 CS Plus compact D Set S |
|---|---|--|
| | | 238996 |
| Manufacturer | | STIEBEL ELTRON |
| Seasonal room heating efficiency in moderate climates for average temperature applications (η_s) | % | 113 |
| Temperature controller class | | VI |
| Contribution of temperature controller to room heating energy efficiency | % | 4 |
| Room heating energy efficiency of composite system under moderate climatic conditions | % | 117 |
| Room heating energy efficiency of composite system under colder climatic conditions | % | 109 |
| Room heating energy efficiency of composite system under warmer climatic conditions | % | 143 |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 8 |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 26 |
| 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

| | | HPA-O 3 CS Plus compact D Set S | |
|---|-------------------|---------------------------------|----------|
| | | 238996 | |
| Manufacturer | | STIEBEL ELTRON | |
| Heat source | | Outside air | |
| Low temperature heat pump | | | - |
| Combi boiler with heat pump | | | x |
| Rated heating output in colder climates for average temperature applications (Prated) | kW | | 4 |
| Rated heating output in moderate climates for average temperature applications (Prated) | kW | | 3 |
| Rated heating output in warmer climates for average temperature applications (Prated) | kW | | 3 |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | | 3.1 |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | | 1.6 |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | | 1.3 |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | | 1.5 |
| Tj = dual mode temperature under moderate climatic conditions (Pdh) | kW | | 2.4 |
| Tj = operating temperature limit under moderate climatic conditions (Pdh) | kW | | 3.1 |
| For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh) | kW | | 0 |
| Dual mode temperature in moderate climates (Tbiv) | °C | | -5 |
| Seasonal room heating efficiency in colder climates for average temperature applications (ηs) | % | | 105 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | % | | 113 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs) | % | | 139 |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd) | | | 2.07 |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd) | | | 2.93 |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd) | | | 4.13 |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd) | | | 5.97 |
| Tj = dual mode temperature under moderate climatic conditions (COPd) | | | 2.17 |
| Tj = operating temperature limit under moderate climatic conditions (COPd) | | | 2.07 |
| For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd) | | | 0 |
| Operating temperature limit in moderate climates (TOL) | °C | | -7 |
| Heating water operating temperature limit (WTOL) | °C | | 60 |
| Power consumption, OFF state (Poff) | W | | 17 |
| Power consumption, thermostat OFF state (PTO) | W | | 30 |
| Standby power consumption (PSB) | W | | 17 |
| Power consumption, operating state, with crankcase heating (PCK) | W | | 5 |
| Booster heater heating output (PSUB) | kW | | 2.93 |
| Type of energy supply, booster heater | | | electric |
| Power control | | | variable |
| Sound power level external | dB(A) | | 52 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | | 4016 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | | 2089 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | | 1187 |
| Flow rate, heat source side | m ³ /h | | 1300 |
| Annual power consumption in colder climates (AEC) | kWh/a | | 949 |
| Annual power consumption in moderate climates (AEC) | kWh/a | | 905 |
| Annual power consumption in warmer climates (AEC) | kWh/a | | 717 |

Energy efficiency for DHW heating (η_{wh}) under moderate climatic conditions

%

113

Special measures

For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions