



ENERG Y IJA
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STIEBEL ELTRON WPL 24 IK




55 °C


35 °C



A++


A+++


54 dB


51 dB

| | |
|------|------|
| ■ 17 | ■ 16 |
| ■ 12 | ■ 11 |
| ■ 7 | ■ 7 |

kW kW



2019

811/2013

Product datasheet: Room heater to regulation (EU) no. 811/2013

| | | WPL 24 IK |
|---|-------|---|
| | | 235879 |
| 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 | 12 |
| Rated heating output in moderate climates for low temperature applications (Prated) | kW | 11 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (η_s) | % | 144 |
| Seasonal room heating efficiency in moderate climates for low temperature applications (η_s) | % | 181 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 6707 |
| Annual energy consumption in moderate climates for low temperature applications (QHE) | kWh/a | 5026 |
| Sound power level internal | dB(A) | 54 |
| Sound power level external | dB(A) | 51 |
| 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 | 17 |
| Rated heating output in colder climates for low temperature applications (Prated) | kW | 16 |
| 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 | 7 |
| Seasonal room heating efficiency in colder climates for average temperature applications (η_s) | % | 121 |
| Seasonal room heating efficiency in colder climates for low temperature applications (η_s) | % | 147 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (η_s) | % | 171 |
| Seasonal room heating efficiency in warmer climates for low temperature applications (η_s) | % | 220 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 13872 |
| Annual energy consumption in colder climates for low temperature applications (QHE) | kWh/a | 10766 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 2227 |
| Annual energy consumption in warmer climates for low temperature applications (QHE) | kWh/a | 1774 |



ENERG

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STIEBEL ELTRON

WPL 24 IK



A⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

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

Product datasheet: Composite system consisting of room heater and temperature controller to regulation (EU) no. 811/2013

| | | WPL 24 IK |
|---|---|------------------|
| | | 235879 |
| Manufacturer | | STIEBEL ELTRON |
| Seasonal room heating efficiency in moderate climates for average temperature applications (η_s) | % | 144 |
| 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 | % | 143 |
| Room heating energy efficiency of composite system under colder climatic conditions | % | 120 |
| Room heating energy efficiency of composite system under warmer climatic conditions | % | 173 |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 23 |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 27 |
| 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

| | | WPL 24 IK |
|---|----|----------------|
| | | 235879 |
| Manufacturer | | STIEBEL ELTRON |
| Heat source | | Outside air |
| 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 | 17 |
| Rated heating output in moderate climates for average temperature applications (Prated) | kW | 12 |
| 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 | 13,9 |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 14,2 |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh) | kW | 9,2 |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 9,4 |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh) | kW | 10,1 |
| Tj = 7 °C heating output, partial load range in colder climates (Pdh) | kW | 7,6 |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 7,7 |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh) | kW | 9,1 |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh) | kW | 7,3 |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 7,3 |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh) | kW | 7,4 |
| Tj = dual mode temperature in colder climates (Pdh) | kW | 14,4 |
| Tj = dual mode temperature under moderate climatic conditions (Pdh) | kW | 14,4 |
| Tj = dual mode temperature in warmer climates (Pdh) | kW | 10,1 |
| Tj = operating temperature limit in colder climates (Pdh) | kW | 11,5 |
| Tj = operating temperature limit under moderate climatic conditions (Pdh) | kW | 11,5 |
| Tj = operating temperature limit in warmer climates (Pdh) | kW | 10,1 |
| For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh) | kW | 0 |
| Dual mode temperature in colder climates (Tbiv) | °C | -7 |
| Dual mode temperature in moderate climates (Tbiv) | °C | -7 |
| Dual mode temperature in warmer climates (Tbiv) | °C | 2 |
| Seasonal room heating efficiency in colder climates for average temperature applications (ηs) | % | 121 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | % | 144 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs) | % | 171 |
| Tj = -7 °C COP, partial load range in colder climates (COPd) | | 2,63 |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd) | | 2,38 |
| Tj = 2 °C COP, partial load range in colder climates (COPd) | | 3,88 |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd) | | 3,44 |
| Tj = 2 °C COP, partial load range in warmer climates (COPd) | | 2,83 |
| Tj = 7 °C COP, partial load range in colder climates (COPd) | | 5,09 |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd) | | 4,54 |
| Tj = 7 °C COP, partial load range in warmer climates (COPd) | | 3,63 |
| Tj = 12 °C COP, partial load range in colder climates (COPd) | | 6,95 |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd) | | 6,53 |
| Tj = 12 °C COP, partial load range in warmer climates (COPd) | | 5,82 |
| Tj = dual mode temperature in colder climates (COPd) | | 1,82 |
| Tj = dual mode temperature under moderate climatic conditions (COPd) | | 1,82 |

| | | |
|---|---|----------|
| Tj = dual mode temperature in warmer climates (COPd) | | 2,83 |
| Tj = operating temperature limit in colder climates (COPd) | | 2,3 |
| Tj = operating temperature limit under moderate climatic conditions (COPd) | | 1,82 |
| For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd) | | 0 |
| Heating water operating temperature limit (WTOL) | °C | 65 |
| Power consumption, OFF state (Poff) | W | 25 |
| Power consumption, thermostat OFF state (PTO) | W | 25 |
| Standby power consumption (PSB) | W | 25 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 0 |
| Booster heater heating output (PSUB) | kW | 3,53 |
| Type of energy supply, booster heater | | electric |
| Power control | | variable |
| Sound power level external | dB(A) | 51 |
| Sound power level internal | dB(A) | 54 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 13872 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 6707 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 2227 |
| Flow rate, heat source side | m ³ /h | 2300 |
| Special measures | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions | |