



ENERGY

STIEBEL ELTRON

WPF 13 S



55 °C

35 °C



A⁺⁺

A⁺⁺⁺



49 dB



■ 15
■ 12
■ 12
kW

■ 16
■ 13
■ 13
kW



2019

811/2013

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

| | | WPF 13 S |
|---|---|-----------------|
| | | 232925 |
| 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 | 13 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (η_s) | % | 138 |
| Seasonal room heating efficiency in moderate climates for low temperature applications (η_s) | % | 199 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 6571 |
| Annual energy consumption in moderate climates for low temperature applications (QHE) | kWh/a | 5195 |
| Sound power level internal | dB(A) | 49 |
| 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 | 15 |
| 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 | 12 |
| Rated heating output in warmer climates for low temperature applications (Prated) | kW | 13 |
| Seasonal room heating efficiency in colder climates for average temperature applications (η_s) | % | 143 |
| Seasonal room heating efficiency in colder climates for low temperature applications (η_s) | % | 204 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (η_s) | % | 137 |
| Seasonal room heating efficiency in warmer climates for low temperature applications (η_s) | % | 199 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 9642 |
| Annual energy consumption in colder climates for low temperature applications (QHE) | kWh/a | 7530 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 4267 |
| Annual energy consumption in warmer climates for low temperature applications (QHE) | kWh/a | 3366 |



ENERGY

STIEBEL ELTRON

WPF 13 S



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)

| | | WPF 13 S |
|---|---|-----------------|
| | | 232925 |
| Manufacturer | | STIEBEL ELTRON |
| Seasonal room heating efficiency in moderate climates for average temperature applications (η_s) | % | 138 |
| Temperature controller class | | VII |
| Contribution of temperature controller to room heating energy efficiency | % | 3 |
| Room heating energy efficiency of composite system under moderate climatic conditions | % | 142 |
| Room heating energy efficiency of composite system under colder climatic conditions | % | 147 |
| Room heating energy efficiency of composite system under warmer climatic conditions | % | 141 |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 5 |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 1 |
| 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

| | | WPF 13 S |
|---|----|-----------------|
| | | 232925 |
| Manufacturer | | STIEBEL ELTRON |
| Heat source | | Brine |
| With booster heater | | x |
| Combi boiler with heat pump | | - |
| Rated heating output in colder climates for average temperature applications (Prated) | kW | 15 |
| 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 | 12 |
| Tj = -7 °C heating output, partial load range in colder climates (Pdh) | kW | 12.2 |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 11.7 |
| Tj = -7 °C heating output, partial load range in warmer climates (Pdh) | kW | 11.6 |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh) | kW | 12.5 |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 12.2 |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh) | kW | 11.6 |
| Tj = 7 °C heating output, partial load range in colder climates (Pdh) | kW | 12.8 |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 12.5 |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh) | kW | 12.0 |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh) | kW | 12.9 |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 12.8 |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh) | kW | 12.6 |
| Tj = dual mode temperature in colder climates (Pdh) | kW | 12.0 |
| Tj = dual mode temperature under moderate climatic conditions (Pdh) | kW | 11.6 |
| Tj = dual mode temperature in warmer climates (Pdh) | kW | 11.6 |
| Tj = operating temperature limit in colder climates (Pdh) | kW | 11.6 |
| Tj = operating temperature limit under moderate climatic conditions (Pdh) | kW | 11.6 |
| Tj = operating temperature limit in warmer climates (Pdh) | kW | 11.6 |
| For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh) | kW | 11.6 |
| Dual mode temperature in colder climates (Tbiv) | °C | -15 |
| 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) | % | 143 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | % | 138 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs) | % | 137 |
| Tj = -7 °C COP, partial load range in colder climates (COPd) | | 3.57 |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd) | | 3.07 |
| Tj = -7 °C COP, partial load range in warmer climates (COPd) | | 2.94 |
| Tj = 2 °C COP, partial load range in colder climates (COPd) | | 3.97 |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd) | | 3.58 |
| Tj = 2 °C COP, partial load range in warmer climates (COPd) | | 2.94 |
| Tj = 7 °C COP, partial load range in colder climates (COPd) | | 4.34 |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd) | | 3.97 |
| Tj = 7 °C COP, partial load range in warmer climates (COPd) | | 3.34 |
| Tj = 12 °C COP, partial load range in colder climates (COPd) | | 4.64 |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd) | | 4.43 |
| Tj = 12 °C COP, partial load range in warmer climates (COPd) | | 4.12 |
| Tj = dual mode temperature in colder climates (COPd) | | 3.35 |

| | | |
|---|---|----------|
| Tj = dual mode temperature under moderate climatic conditions (COPd) | | 2.94 |
| Tj = dual mode temperature in warmer climates (COPd) | | 2.91 |
| Tj = operating temperature limit in colder climates (COPd) | | 2.94 |
| Tj = operating temperature limit under moderate climatic conditions (COPd) | | 2.94 |
| Tj = operating temperature limit in warmer climates (COPd) | | 2.94 |
| For air/water heat pumps: Tj= -15 °C (if TOL < -20 °C) (COPd) | | 2.94 |
| Heating water operating temperature limit (WTOL) | °C | 60 |
| Power consumption, OFF state (Poff) | W | 0.000 |
| Power consumption, thermostat OFF state (PTO) | W | 85 |
| Standby power consumption (PSB) | W | 10 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 0 |
| Booster heater heating output in moderate climate (Psup) | kW | 3.2 |
| Type of energy supply, booster heater | | electric |
| Power control | | Fixed |
| Sound power level internal | dB(A) | 49 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 9642 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 6571 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 4267 |
| Flow rate, heat source side | m³/h | 3.13 |
| Special measures | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions | |