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STIEBEL ELTRON WPF 13 M



55 °C

35 °C



53 dB

0 dB

| | |
|------|------|
| ■ 15 | ■ 16 |
| ■ 12 | ■ 13 |
| ■ 12 | ■ 13 |
| kW | kW |

2019

811/2013

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

| | | WPF 13 M |
|---|-------|---|
| | | 182135 |
| 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) | % | 126 |
| Seasonal room heating efficiency in moderate climates for low temperature applications (η_s) | % | 197 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 7384 |
| Annual energy consumption in moderate climates for low temperature applications (QHE) | kWh/a | 5233 |
| Sound power level internal | dB(A) | 53 |
| Sound power level external | dB(A) | 0 |
| 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) | % | 132 |
| 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) | % | 128 |
| Seasonal room heating efficiency in warmer climates for low temperature applications (η_s) | % | 201 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 10639 |
| Annual energy consumption in colder climates for low temperature applications (QHE) | kWh/a | 7468 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 4727 |
| Annual energy consumption in warmer climates for low temperature applications (QHE) | kWh/a | 3324 |



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STIEBEL ELTRON

WPF 13 M



A⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

Boiler icon with A⁺⁺ label

+ Solar panel icon
 + Water tank icon
 + Control panel icon
 + Boiler icon

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 M |
|---|---|-----------------|
| | | 182135 |
| Manufacturer | | STIEBEL ELTRON |
| Seasonal room heating efficiency in moderate climates for average temperature applications (η_s) | % | 126 |
| Temperature controller class | | VII |
| Contribution of temperature controller to room heating energy efficiency | % | 3.50 |
| Room heating energy efficiency of composite system under moderate climatic conditions | % | 130 |
| Room heating energy efficiency of composite system under colder climatic conditions | % | 136 |
| Room heating energy efficiency of composite system under warmer climatic conditions | % | 132 |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 6 |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 2 |
| 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 M |
|---|----|----------------|
| | | 182135 |
| Manufacturer | | STIEBEL ELTRON |
| Heat source | | Brine |
| With booster heater | | - |
| 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 | 12.4 |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 12.10 |
| Tj = -7 °C heating output, partial load range in warmer climates (Pdh) | kW | 12 |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh) | kW | 12.6 |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 12.40 |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh) | kW | 12 |
| 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 | 12.60 |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh) | kW | 12.3 |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh) | kW | 13 |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 12.90 |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh) | kW | 12.7 |
| Tj = dual mode temperature in colder climates (Pdh) | kW | 12.3 |
| Tj = dual mode temperature under moderate climatic conditions (Pdh) | kW | 12.00 |
| Tj = dual mode temperature in warmer climates (Pdh) | kW | 12 |
| Tj = operating temperature limit in colder climates (Pdh) | kW | 12 |
| Tj = operating temperature limit under moderate climatic conditions (Pdh) | kW | 12.00 |
| Tj = operating temperature limit in warmer climates (Pdh) | kW | 12 |
| For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh) | kW | 12.00 |
| 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) | % | 132 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | % | 126 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs) | % | 128 |
| Tj = -7 °C COP, partial load range in colder climates (COPd) | | 3.26 |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd) | | 2.75 |
| Tj = -7 °C COP, partial load range in warmer climates (COPd) | | 2.62 |
| Tj = 2 °C COP, partial load range in colder climates (COPd) | | 3.69 |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd) | | 3.28 |
| Tj = 2 °C COP, partial load range in warmer climates (COPd) | | 2.62 |
| Tj = 7 °C COP, partial load range in colder climates (COPd) | | 4.12 |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd) | | 3.70 |
| Tj = 7 °C COP, partial load range in warmer climates (COPd) | | 3.03 |
| Tj = 12 °C COP, partial load range in colder climates (COPd) | | 4.48 |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd) | | 4.23 |
| Tj = 12 °C COP, partial load range in warmer climates (COPd) | | 3.87 |
| Tj = dual mode temperature in colder climates (COPd) | | 3.03 |

| | | |
|---|---|----------|
| Tj = dual mode temperature under moderate climatic conditions (COPd) | | 2.62 |
| Tj = dual mode temperature in warmer climates (COPd) | | 3.87 |
| Tj = operating temperature limit in colder climates (COPd) | | 2.62 |
| Tj = operating temperature limit under moderate climatic conditions (COPd) | | 2.62 |
| Tj = operating temperature limit in warmer climates (COPd) | | 2.62 |
| For air/water heat pumps: Tj= -15 °C (if TOL < -20 °C) (COPd) | | 2.62 |
| Heating water operating temperature limit (WTOL) | °C | 60 |
| Power consumption, OFF state (Poff) | W | 0 |
| Power consumption, thermostat OFF state (PTO) | W | 3 |
| Standby power consumption (PSB) | W | 3 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 0 |
| Booster heater heating output (PSUB) | kW | 0.00 |
| Type of energy supply, booster heater | | electric |
| Power control | | Fixed |
| Sound power level external | dB(A) | 0 |
| Sound power level internal | dB(A) | 53 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 10639 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 7384 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 4727 |
| Flow rate, heat source side | m ³ /h | 3.1 |
| Special measures | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions | |

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

| | | | WPM |
|---|--|---|----------------|
| | | | 234727 |
| Manufacturer | | | STIEBEL ELTRON |
| Temperature controller class (in inverter heat pump) | | | VI |
| Temperature controller class (in ON/OFF heat pump) | | | VII |
| Contribution of temperature controller to seasonal room heating energy efficiency (in inverter heat pump) | | % | 4 |
| Contribution of temperature controller to seasonal room heating energy efficiency (in ON/OFF heat pump) | | % | 3.50 |