# ENERGY

**STIEBEL ELTRON** WPF 07 cool

| | 55 °C | 35 °C |
|---|---|---|
| | A++ | A+++ |

A+++
A++
A+
A
B
C
D

**47** dB

| | | |
|---|---|---|
| 9 | **7** | 7 kW |
| 9 | **8** | 8 kW |

**2019** **811/2013**

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

| | | **WPF 07 cool** |
|---|---|---|
| | | 232917 |
| 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 | 7 |
| Rated heating output in moderate climates for low temperature applications (Prated) | kW | 8 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs) | % | 139 |
| Seasonal room heating efficiency in moderate climates for low temperature applications (Ƞs) | % | 205 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 3891 |
| Annual energy consumption in moderate climates for low temperature applications (QHE) | kWh/a | 2912 |
| Sound power level internal | dB(A) | 47 |
| 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 | 9 |
| Rated heating output in colder climates for low temperature applications (Prated) | kW | 9 |
| 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 | 8 |
| Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs) | % | 144 |
| Seasonal room heating efficiency in colder climates for low temperature applications (Ƞs) | % | 211 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs) | % | 138 |
| Seasonal room heating efficiency in warmer climates for low temperature applications (Ƞs) | % | 204 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 5638 |
| Annual energy consumption in colder climates for low temperature applications (QHE) | kWh/a | 4184 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 2527 |
| Annual energy consumption in warmer climates for low temperature applications (QHE) | kWh/a | 1888 |

# ENERGY

**STIEBEL ELTRON**

WPF 07 cool

A++

| | |
|---|---|
| + | ☐ |
| + | ☐ |
| + | ☒ |
| + | ☐ |

A+++
A++
A+
A
B
C
D
E
F
G

A++

2015

811/2013

**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 07 cool** |
|---|---|---|
| | | 232917 |
| Manufacturer | | STIEBEL ELTRON |
| Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs) | % | 139 |
| 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 | % | 143 |
| Room heating energy efficiency of composite system under colder climatic conditions | % | 148 |
| Room heating energy efficiency of composite system under warmer climatic conditions | % | 142 |
| 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 07 cool** |
|---|---|---|
| | | 232917 |
| 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 | 9 |
| Rated heating output in moderate climates for average temperature applications (Prated) | kW | 7 |
| 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 | 7.2 |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 7.00 |
| Tj = -7 °C heating output, partial load range in warmer climates (Pdh) | kW | 6.9 |
| Tj = 2 °C heating output, partial load range in colder climates (Pdh) | kW | 7.3 |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 7.20 |
| Tj = 2 °C heating output, partial load range in warmer climates (Pdh) | kW | 6.9 |
| Tj = 7 °C heating output, partial load range in colder climates (Pdh) | kW | 7.4 |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 7.30 |
| Tj = 7 °C heating output, partial load range in warmer climates (Pdh) | kW | 7.1 |
| Tj = 12 °C heating output, partial load range in colder climates (Pdh) | kW | 7.5 |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 7.40 |
| Tj = 12 °C heating output, partial load range in warmer climates (Pdh) | kW | 7.3 |
| Tj = dual mode temperature in colder climates (Pdh) | kW | 7.1 |
| Tj = dual mode temperature under moderate climatic conditions (Pdh) | kW | 6.90 |
| Tj = dual mode temperature in warmer climates (Pdh) | kW | 6.9 |
| Tj = operating temperature limit in colder climates (Pdh) | kW | 6.9 |
| Tj = operating temperature limit under moderate climatic conditions (Pdh) | kW | 6.90 |
| Tj = operating temperature limit in warmer climates (Pdh) | kW | 6.9 |
| For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh) | kW | 6.90 |
| 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 (Ƞs) | % | 144 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs) | % | 139 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs) | % | 138 |
| Tj = -7 °C COP, partial load range in colder climates (COPd) | | 3.59 |
| 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) | | 4.01 |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd) | | 3.61 |
| Tj = 2 °C COP, partial load range in warmer climates (COPd) | | 2.94 |
| Tj = 7 °C COP, partial load range in colder climates (COPd) | | 4.41 |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd) | | 4.02 |
| Tj = 7 °C COP, partial load range in warmer climates (COPd) | | 3.35 |
| Tj = 12 °C COP, partial load range in colder climates (COPd) | | 4.75 |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd) | | 4.52 |
| Tj = 12 °C COP, partial load range in warmer climates (COPd) | | 4.18 |
| Tj = dual mode temperature in colder climates (COPd) | | 3.36 |

| | | |
|---|---|---|
| Tj = dual mode temperature under moderate climatic conditions (COPd) | | 2.94 |
| Tj = dual mode temperature in warmer climates (COPd) | | 2.94 |
| 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 | 65 |
| Power consumption, OFF state (Poff) | W | 0 |
| Power consumption, thermostat OFF state (PTO) | W | 54 |
| Standby power consumption (PSB) | W | 9 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 0 |
| Booster heater heating output in moderate climate (Psup) | kW | 0.00 |
| Type of energy supply, booster heater | | electric |
| Power control | | Fixed |
| Sound power level internal | dB(A) | 47 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 5638 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 3891 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 2527 |
| Flow rate, heat source side | $m^3/h$ | 1.82 |
| Special measures | | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions |