



ENERGY

STIEBEL ELTRON

WPL 15 AS compact
duo 2



55 °C

35 °C



A+

A++

50 dB

| | |
|------|------|
| ■ 12 | ■ 11 |
| ■ 8 | ■ 8 |
| ■ 4 | ■ 4 |
| kW | kW |

2019

811/2013

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

| | | WPL 15 AS compact duo 2 |
|---|-------|--------------------------------|
| | | 239111 |
| 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 | 8 |
| Rated heating output in moderate climates for low temperature applications (Prated) | kW | 8 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (η_s) | % | 122 |
| Seasonal room heating efficiency in moderate climates for low temperature applications (η_s) | % | 151 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 5300 |
| Annual energy consumption in moderate climates for low temperature applications (QHE) | kWh/a | 4303 |
| Sound power level external | dB(A) | 50 |
| Rated heating output in colder climates for average temperature applications (Prated) | kW | 12 |
| Rated heating output in colder climates for low temperature applications (Prated) | kW | 11 |
| Rated heating output in warmer climates for average temperature applications (Prated) | kW | 4 |
| Rated heating output in warmer climates for low temperature applications (Prated) | kW | 4 |
| Seasonal room heating efficiency in colder climates for average temperature applications (η_s) | % | 118 |
| Seasonal room heating efficiency in colder climates for low temperature applications (η_s) | % | 137 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (η_s) | % | 120 |
| Seasonal room heating efficiency in warmer climates for low temperature applications (η_s) | % | 153 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 9481 |
| Annual energy consumption in colder climates for low temperature applications (QHE) | kWh/a | 7727 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 1750 |
| Annual energy consumption in warmer climates for low temperature applications (QHE) | kWh/a | 1367 |



ENERGY

STIEBEL ELTRON

WPL 15 AS compact duo 2



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)

| | | WPL 15 AS compact duo 2 |
|---|---|--------------------------------|
| | | 239111 |
| Manufacturer | | STIEBEL ELTRON |
| Seasonal room heating efficiency in moderate climates for average temperature applications (η_s) | % | 122 |
| 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 | % | 126 |
| Room heating energy efficiency of composite system under colder climatic conditions | % | 122 |
| Room heating energy efficiency of composite system under warmer climatic conditions | % | 124 |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 4 |
| 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

| | | WPL 15 AS compact duo 2 |
|---|-------------------|--------------------------------|
| | | 239111 |
| Manufacturer | | STIEBEL ELTRON |
| Heat source | | Outside air |
| Low temperature heat pump | | - |
| Combi boiler with heat pump | | - |
| Rated heating output in colder climates for average temperature applications (Prated) | kW | 12 |
| Rated heating output in moderate climates for average temperature applications (Prated) | kW | 8 |
| Rated heating output in warmer climates for average temperature applications (Prated) | kW | 4 |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 7.1 |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 4.2 |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 4.2 |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 4.0 |
| Tj = dual mode temperature under moderate climatic conditions (Pdh) | kW | 7.4 |
| Tj = operating temperature limit under moderate climatic conditions (Pdh) | kW | 7.0 |
| For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh) | kW | 7.0 |
| Dual mode temperature in moderate climates (Tbiv) | °C | -8 |
| Seasonal room heating efficiency in colder climates for average temperature applications (ηs) | % | 118 |
| Seasonal room heating efficiency in moderate climates for average temperature applications (ηs) | % | 122 |
| Seasonal room heating efficiency in warmer climates for average temperature applications (ηs) | % | 120 |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd) | | 2.18 |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd) | | 3.30 |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd) | | 4.07 |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd) | | 5,14 |
| Tj = dual mode temperature under moderate climatic conditions (COPd) | | 2.13 |
| Tj = operating temperature limit under moderate climatic conditions (COPd) | | 1.97 |
| For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd) | | 1.97 |
| Operating temperature limit in moderate climates (TOL) | °C | -10 |
| Heating water operating temperature limit (WTOL) | °C | 65 |
| Power consumption, OFF state (Poff) | W | 16 |
| Power consumption, thermostat OFF state (PTO) | W | 16 |
| Standby power consumption (PSB) | W | 16 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 43 |
| Booster heater heating output in moderate climate (Psup) | kW | 0 |
| Type of energy supply, booster heater | | electric |
| Power control | | variable |
| Sound power level external | dB(A) | 50 |
| Annual energy consumption in colder climates for average temperature applications (QHE) | kWh/a | 9481 |
| Annual energy consumption in moderate climates for average temperature applications (QHE) | kWh/a | 5300 |
| Annual energy consumption in warmer climates for average temperature applications (QHE) | kWh/a | 1750 |
| Flow rate, heat source side | m ³ /h | 2300 |