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**STIEBEL ELTRON** WPL 18 E

| | 55 °C | 35 °C |
|---|---|---|
| $A^{+++}$ | | |
| $A^{++}$ | | $A^{++}$ |
| $A^{+}$ | $A^{+}$ | |
| A | | |
| B | | |
| C | | |
| D | | |

**57** dB

**65** dB

| 55 °C | 35 °C |
|---|---|
| 14 | 13 |
| **13** | **12** |
| 12 | 11 |
| kW | kW |

2019 811/2013

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

| | | **WPL 18 E** |
|---|---|---|
| | | 227757 |
| 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 medium temperature applications | kW | 13 |
| Rated heating output in moderate climates for low temperature applications | kW | 12 |
| Energy efficiency for central heating in moderate climates for medium temperature applications | % | 121 |
| Energy efficiency for central heating in moderate climates for low temperature applications | % | 157 |
| Energy consumption of central heating in moderate climates for medium temperature applications | kWh/a | 8684 |
| Energy consumption for central heating under moderate climatic conditions, for low temperature applications | kWh/a | 6404 |
| Sound power level internal | dB(A) | 57 |
| Rated heating output in colder climates for medium temperature applications | kW | 14 |
| Rated heating output in colder climates for low temperature applications | kW | 13 |
| Rated heating output in warmer climates for medium temperature applications | kW | 12 |
| Rated heating output in warmer climates for low temperature applications | kW | 11 |
| Energy efficiency for central heating in colder climates for medium temperature applications | % | 111 |
| Energy efficiency for central heating in colder climates for low temperature applications | % | 143 |
| Energy efficiency for central heating in warmer climates for medium temperature applications | % | 137 |
| Energy efficiency for central heating in warmer climates for low temperature applications | % | 180 |
| Energy consumption for central heating under colder climatic conditions, for medium temperature applications | kWh/a | 11972 |
| Energy consumption for central heating under colder climatic conditions, for low temperature applications | kWh/a | 8929 |
| Energy consumption for central heating under warmer climatic conditions, for medium temperature applications | kWh/a | 4592 |
| Energy consumption for central heating under warmer climatic conditions, for low temperature applications | kWh/a | 3294 |
| Sound power level external | dB(A) | 65 |

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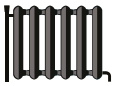
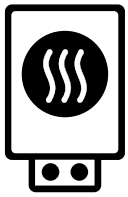
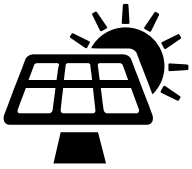
STIEBEL ELTRON

WPL 18 E



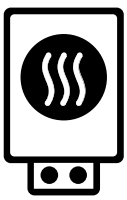


A+

+  ☐

+  ☐

+  ☒

+  ☐

A+++

A++

A+

A

B

C

D

E

F

G

A+

2015

811/2013

| | | **WPL 18 E** |
|---|---|---|
| | | 227757 |
| Manufacturer | | STIEBEL ELTRON |
| Energy efficiency for central heating in moderate climates for medium temperature applications | % | 121 |
| 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 | % | 125,00 |
| Room heating energy efficiency of composite system under colder climatic conditions | % | 115,00 |
| Room heating energy efficiency of composite system under warmer climatic conditions | % | 141,00 |
| Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions | % | 10 |
| Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions | % | 16 |
| 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+ |

| | | WPL 18 E |
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| Manufacturer | | STIEBEL ELTRON |
| Heat source | | Outside air |
| Low temperature heat pump | | - |
| With booster heater | | x |
| Combi boiler with heat pump | | - |
| Rated heating output in moderate climates for medium temperature applications | kW | 13 |
| Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 10,20 |
| Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 11,70 |
| Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 12,50 |
| Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh) | kW | 13,10 |
| Tj = dual mode temperature under moderate climatic conditions (Pdh) | kW | 10,50 |
| Tj = operating temperature limit under moderate climatic conditions (Pdh) | kW | 9,70 |
| For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh) | kW | 8,90 |
| Dual mode temperature (Tbiv) | °C | -5 |
| Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd) | | 2,37 |
| Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd) | | 3,09 |
| Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd) | | 3,85 |
| Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd) | | 4,73 |
| Tj = dual mode temperature under moderate climatic conditions (COPd) | | 2,54 |
| Tj = operating temperature limit under moderate climatic conditions (COPd) | | 2,13 |
| For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd) | | 1,78 |
| Heating water operating temperature limit (WTOL) | °C | 0 |
| Power consumption, OFF state (Poff) | W | 7,000 |
| Power consumption, thermostat OFF state (PTO) | W | 7 |
| Standby power consumption (PSB) | W | 7,000 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 62,000 |
| Booster heater heating output (PSUB) | kW | 3,310 |
| Type of energy supply, booster heater | | electric |
| Power control | | Fixed |
| Sound power level external | dB(A) | 65 |
| Sound power level internal | dB(A) | 57 |
| Flow rate, heat source side | $m^3/h$ | 3500 |