# ENERGY

STIEBEL ELTRON

WPW-I 22 H 400 Premium

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

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

49 dB

| | | |
|---|---|---|
| ■ | 19 | 22 |
| ■ | **19** | **22** |
| ■ | 19 | 22 |
| | kW | kW |

2019

811/2013

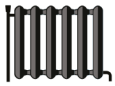
**Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)**

| | | **WPW-I 22 H 400 Premium** |
|---|---|---|
| | | 201562 |
| Manufacturer | | STIEBEL ELTRON |
| Space heating energy efficiency class under average climate conditions, medium-temperature applications | | A+++ |
| Energy efficiency class, space heating under average climate conditions, low-temperature applications | | A+++ |
| Rated heating output under average climate conditions for medium-temperature applications (P rated) | kW | 19 |
| Rated heating output under average climate conditions for low-temperature applications (P rated) | kW | 22 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs) | % | 162 |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs) | % | 256 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 9259 |
| Annual energy consumption under average climate conditions for low-temperature applications (QHE) | kWh/a | 6911 |
| Sound power level, indoor | dB(A) | 49 |
| Option for operation only at off-peak times | | - |
| 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 under colder climate conditions for medium-temperature applications (P rated) | kW | 19 |
| Rated heating output under colder climate conditions for low-temperature applications (P rated) | kW | 22 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 19 |
| Rated heating output under warmer climate conditions for low-temperature applications (P rated) | kW | 22 |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs) | % | 168 |
| Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ɳs) | % | 266 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs) | % | 163 |
| Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ɳs) | % | 258 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 10717 |
| Annual energy consumption under colder climate conditions for low-temperature applications (QHE) | kWh/a | 7944 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 5980 |
| Annual energy consumption under warmer climate conditions for low-temperature applications (QHE) | kWh/a | 4443 |

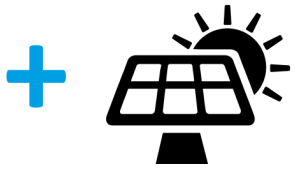
# ENERGY

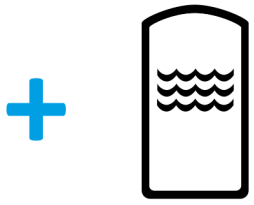
WPW-I 22 H 400 Premium

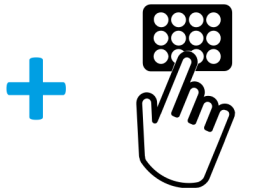
**STIEBEL ELTRON**

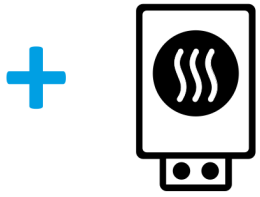


A+++









A+++

A++

A+

A

B

C

D

E

F

G

A+++

2015

811/2013

**Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)**

| | | **WPW-I 22 H 400 Premium** |
|---|---|---|
| | | 201562 |
| Manufacturer | | STIEBEL ELTRON |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs) | % | 256 |
| Temperature control class | | VII |
| Contribution of temperature control to space heating energy efficiency | % | 4 |
| Space heating energy efficiency of package under average climate conditions | % | 166 |
| Space heating energy efficiency of package under colder climate conditions | % | 172 |
| Space heating energy efficiency of package under warmer climate conditions | % | 167 |
| Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions | % | 6 |
| Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions | % | 1 |
| Energy efficiency class, space heating under average climate conditions, low-temperature applications | | A+++ |
| Space heating energy efficiency class of package under average climate conditions | | A+++ |

**Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)**

| | | **WPW-I 22 H 400 Premium** |
|---|---|---|
| | | 201562 |
| Manufacturer | | STIEBEL ELTRON |
| Heat source | | Wasser |
| Low temperature heat pump | | - |
| With auxiliary heater | | x |
| Combination heater with heat pump | | - |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated) | kW | 19 |
| Rated heating output under average climate conditions for medium-temperature applications (P rated) | kW | 19 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 19 |
| Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 20,2 |
| Tj = -7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 19,4 |
| Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 20,9 |
| Tj = 2 °C heating output, partial load range under average climate conditions (Pdh) | kW | 20,4 |
| Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 19,1 |
| Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 21,5 |
| Tj = 7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 21,0 |
| Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 20,0 |
| Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 21,9 |
| Tj = 12 °C heating output, partial load range under average climate conditions (Pdh) | kW | 21,7 |
| Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 21,3 |
| Tj = dual mode temperature under colder climate conditions (Pdh) | kW | 19,1 |
| Tj = dual mode temperature under average climate conditions (Pdh) | kW | 19,1 |
| Tj = dual mode temperature under warmer climate conditions (Pdh) | kW | 19,1 |
| Tj = operating temperature limit under colder climate conditions (Pdh) | kW | 19,1 |
| Tj = operating temperature limit under average climate conditions (Pdh) | kW | 19,1 |
| Tj = operating temperature limit under warmer climate conditions (Pdh) | kW | 19,1 |
| For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (Pdh) | kW | 19,1 |
| Dual mode temperature under colder climate conditions (Tbiv) | °C | -22 |
| Dual mode temperature under average climate conditions (Tbiv) | °C | -10 |
| Dual mode temperature under warmer climate conditions (Tbiv) | °C | 2 |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs) | % | 168 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs) | % | 162 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs) | % | 163 |
| Tj = -7 °C COP, partial load range under colder climate conditions (COPd) | | 4,05 |
| Tj = -7 °C COP, partial load range under average climate conditions (COPd) | | 3,49 |
| Tj = 2 °C COP, partial load range under colder climate conditions (COPd) | | 4,65 |
| Tj = 2 °C COP, partial load range under average climate conditions (COPd) | | 4,21 |
| Tj = 2 °C COP, partial load range under warmer climate conditions (COPd) | | 3,32 |
| Tj = 7 °C COP, partial load range under colder climate conditions (COPd) | | 5,21 |
| Tj = 7 °C COP, partial load range under average climate conditions (COPd) | | 4,76 |

| | | |
|---|---|---|
| Tj = 7 °C COP, partial load range under warmer climate conditions (COPd) | | 3,87 |
| Tj = 12 °C COP, partial load range under colder climate conditions (COPd) | | 5,71 |
| Tj = 12 °C COP, partial load range under average climate conditions (COPd) | | 543,00 |
| Tj = 12 °C COP, partial load range under warmer climate conditions (COPd) | | 4,97 |
| Tj = dual mode temperature under colder climate conditions (COPd) | | 3,32 |
| Tj = dual mode temperature under average climate conditions (COPd) | | 3,32 |
| Tj = dual mode temperature under warmer climate conditions (COPd) | | 3,32 |
| Tj = operating temperature limit under colder climate conditions (COPd) | | 3,32 |
| Tj = operating temperature limit under average climate conditions (COPd) | | 3,32 |
| Tj = operating temperature limit under warmer climate conditions (COPd) | | 3,32 |
| For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (COPd) | | 3,32 |
| Operating temperature limit under colder climate conditions (TOL) | °C | -22 |
| Operating temperature limit under average climate conditions (TOL) | °C | -10 |
| Operating temperature limit under warmer climate conditions (TOL) | °C | 0 |
| Operating temperature limit of heating water under colder climate conditions (WTOL) | °C | 68 |
| Operating temperature limit of heating water under average climate conditions (WTOL) | °C | 65 |
| Operating temperature limit of heating water under warmer climate conditions (WTOL) | °C | 68 |
| Power consumption, off-mode (Poff) | W | 20 |
| Power consumption, thermostat off-mode (PTO) | W | 20 |
| Power consumption, standby state (PSB) | W | 20 |
| Power consumption, operating state, with crankcase heating (PCK) | W | 20 |
| Rated heating output of auxiliary heater under colder climate conditions (PSUP) | kW | 0,0 |
| Rated heating output of auxiliary heater under average climate conditions (PSUP) | kW | 0,0 |
| Rated heating output of auxiliary heater under warmer climate conditions (PSUP) | kW | 0,0 |
| Type of energy supply, auxiliary heater | | elektrisch |
| Output control | | fest |
| Sound power level, indoor | dB(A) | 49 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 10717 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 9259 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 5980 |
| Flow rate on heat source side | m³/h | 39 |
| Special measures | | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions |