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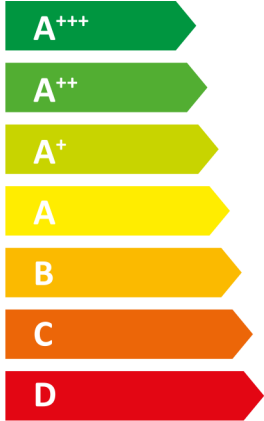
HPA-O 10.2 W Plus HC 230

STIEBEL ELTRON



55 °C

35 °C



- dB

46 dB

| | |
|------|------|
| ■ 11 | ■ 11 |
| ■ 12 | ■ 12 |
| ■ 6 | ■ 6 |
| kW | kW |

2019

811/2013

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

| | | HPA-O 10.2 W Plus HC 230 |
|--|---|---------------------------------|
| | | 208433 |
| Manufacturer | | STIEBEL ELTRON |
| Space heating energy efficiency class under average climate conditions, medium-temperature applications (A+++ -> D) | | A+++ |
| Energy efficiency class, space heating under average climate conditions, low-temperature applications (A+++ -> D) | | A+++ |
| Rated heating output under average climate conditions for medium-temperature applications (P rated) | kW | 12 |
| Rated heating output under average climate conditions for low-temperature applications (P rated) | kW | 12 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s) | % | 157 |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s) | % | 195 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 5951 |
| Annual energy consumption under average climate conditions for low-temperature applications (QHE) | kWh/a | 4855 |
| Sound power level, indoor | | - |
| Option for operation only at off-peak times | | - |
| Special measures | Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung | |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated) | kW | 11 |
| Rated heating output under colder climate conditions for low-temperature applications (P rated) | kW | 11 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 6 |
| Rated heating output under warmer climate conditions for low-temperature applications (P rated) | kW | 6 |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s) | % | 143 |
| Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s) | % | 175 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s) | % | 180 |
| Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s) | % | 248 |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 7499 |
| Annual energy consumption under colder climate conditions for low-temperature applications (QHE) | kWh/a | 6274 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 1792 |
| Annual energy consumption under warmer climate conditions for low-temperature applications (QHE) | kWh/a | 1262 |
| Sound power level, outdoor | dB(A) | 46 |





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HPA-O 10.2 W Plus HC 230

STIEBEL ELTRON

| | | |
|---|---|-------------------------------------|
| + |  | <input type="checkbox"/> |
| + |  | <input type="checkbox"/> |
| + |  | <input checked="" type="checkbox"/> |
| + |  | <input type="checkbox"/> |



Energy scale from A+++ (green) to G (red). A black arrow on the right points to the A+++ class.

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

| | | HPA-O 10.2 W Plus HC 230 |
|---|---|---------------------------------|
| | | 208433 |
| Manufacturer | | STIEBEL ELTRON |
| Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s) | % | 195 |
| Temperature control class | | VI |
| Contribution of temperature control to space heating energy efficiency | % | 4 |
| Space heating energy efficiency of package under average climate conditions | % | 161 |
| Space heating energy efficiency of package under colder climate conditions | % | 147 |
| Space heating energy efficiency of package under warmer climate conditions | % | 184 |
| Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions | % | 14 |
| Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions | % | 23 |
| Energy efficiency class, space heating under average climate conditions, low-temperature applications (A+++ -> D) | | A+++ |
| Space heating energy efficiency class of package under average climate conditions (A+++ -> D) | | A+++ |

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

| | | HPA-O 10.2 W Plus HC 230 |
|--|--------|---------------------------------|
| | | 208433 |
| Manufacturer | | STIEBEL ELTRON |
| Heat source | | Luft |
| Low temperature heat pump | | - |
| With auxiliary heater | | - |
| Combination heater with heat pump | | - |
| Rated heating output under colder climate conditions for medium-temperature applications (P rated) | kW | 11 |
| Rated heating output under average climate conditions for medium-temperature applications (P rated) | kW | 12 |
| Rated heating output under warmer climate conditions for medium-temperature applications (P rated) | kW | 6 |
| Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 6.8 |
| Tj = -7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 10.2 |
| Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 4.1 |
| Tj = 2 °C heating output, partial load range under average climate conditions (Pdh) | kW | 6.2 |
| Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 6.1 |
| Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 3.8 |
| Tj = 7 °C heating output, partial load range under average climate conditions (Pdh) | kW | 3.9 |
| Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 3.9 |
| Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh) | kW | 4.4 |
| Tj = 12 °C heating output, partial load range under average climate conditions (Pdh) | kW | 4.4 |
| Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh) | kW | 4.3 |
| Tj = dual mode temperature under colder climate conditions (Pdh) | kW | 9.1 |
| Tj = dual mode temperature under average climate conditions (Pdh) | kW | 10.2 |
| Tj = dual mode temperature under warmer climate conditions (Pdh) | kW | 6.1 |
| Tj = operating temperature limit under colder climate conditions (Pdh) | kW | 6.7 |
| Tj = operating temperature limit under average climate conditions (Pdh) | kW | 9.5 |
| Tj = operating temperature limit under warmer climate conditions (Pdh) | kW | 6.1 |
| For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh) | kW | 9.1 |
| Dual mode temperature under colder climate conditions (Tbiv) | Grad C | -15 |
| Dual mode temperature under average climate conditions (Tbiv) | Grad C | -7 |
| Dual mode temperature under warmer climate conditions (Tbiv) | Grad C | 2 |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs) | % | 143 |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs) | % | 157 |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs) | % | 180 |
| Tj = -7 °C COP, partial load range under colder climate conditions (COPd) | | 3.1 |
| Tj = -7 °C COP, partial load range under average climate conditions (COPd) | | 2.6 |
| Tj = 2 °C COP, partial load range under colder climate conditions (COPd) | | 4.2 |
| Tj = 2 °C COP, partial load range under average climate conditions (COPd) | | 3.8 |
| Tj = 2 °C COP, partial load range under warmer climate conditions (COPd) | | 2.9 |
| Tj = 7 °C COP, partial load range under colder climate conditions (COPd) | | 5.6 |
| Tj = 7 °C COP, partial load range under average climate conditions (COPd) | | 5.3 |

| | | |
|--|--|--------------|
| Tj = 7 °C COP, partial load range under warmer climate conditions (COPd) | | 4 |
| Tj = 12 °C COP, partial load range under colder climate conditions (COPd) | | 6.8 |
| Tj = 12 °C COP, partial load range under average climate conditions (COPd) | | 6.6 |
| Tj = 12 °C COP, partial load range under warmer climate conditions (COPd) | | 5.7 |
| Tj = dual mode temperature under colder climate conditions (COPd) | | 2.5 |
| Tj = dual mode temperature under average climate conditions (COPd) | | 2.6 |
| Tj = dual mode temperature under warmer climate conditions (COPd) | | 2.9 |
| Tj = operating temperature limit under colder climate conditions (COPd) | | 2 |
| Tj = operating temperature limit under average climate conditions (COPd) | | 2.4 |
| Tj = operating temperature limit under warmer climate conditions (COPd) | | 2.9 |
| For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd) | | 2.5 |
| Operating temperature limit under colder climate conditions (TOL) | Grad C | -22 |
| Operating temperature limit under average climate conditions (TOL) | Grad C | -10 |
| Operating temperature limit under warmer climate conditions (TOL) | Grad C | 2 |
| Operating temperature limit of heating water under colder climate conditions (WTOL) | Grad C | 75 |
| Operating temperature limit of heating water under average climate conditions (WTOL) | Grad C | 75 |
| Operating temperature limit of heating water under warmer climate conditions (WTOL) | Grad C | 75 |
| Power consumption, off-mode (Poff) | Watt | 13 |
| Power consumption, thermostat off-mode (PTO) | Watt | 17 |
| Power consumption, standby state (PSB) | Watt | 13 |
| Power consumption, operating state, with crankcase heating (PCK) | Watt | 0 |
| Rated heating output of auxiliary heater under colder climate conditions (PSUP) | kW | 4.5 |
| Rated heating output of auxiliary heater under average climate conditions (PSUP) | kW | 2 |
| Rated heating output of auxiliary heater under warmer climate conditions (PSUP) | kW | 0 |
| Type of energy supply, auxiliary heater | | elektrisch |
| Output control | | veränderlich |
| Sound power level, outdoor | dB(A) | 46 |
| Sound power level, indoor | | - |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE) | kWh/a | 7499 |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a | 5951 |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE) | kWh/a | 1792 |
| Flow rate on heat source side | m ³ /h | 4600 |
| Special measures | Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung | |