

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

|                                                                                                                    |    | <b>WPL-A 05.2 Plus HK 230</b> |
|--------------------------------------------------------------------------------------------------------------------|----|-------------------------------|
|                                                                                                                    |    | 206121                        |
| 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 | 5                             |
| Rated heating output under average climate conditions for medium-temperature applications (P rated)                | kW | 6                             |
| 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 | 3,0                           |
| Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)                               | kW | 5,2                           |
| Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)                                 | kW | 2,3                           |
| Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)                                | kW | 3,2                           |
| Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)                                 | kW | 5,6                           |
| Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)                                 | kW | 2,8                           |
| Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)                                | kW | 2,8                           |
| Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)                                 | kW | 3,6                           |
| Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)                                | kW | 3,3                           |
| Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)                               | kW | 3,2                           |
| Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)                                | kW | 3,2                           |
| Tj = dual mode temperature under colder climate conditions (Pdh)                                                   | kW | 4,1                           |
| Tj = dual mode temperature under average climate conditions (Pdh)                                                  | kW | 5,2                           |
| Tj = dual mode temperature under warmer climate conditions (Pdh)                                                   | kW | 5,6                           |
| Tj = operating temperature limit under colder climate conditions (Pdh)                                             | kW | 3,0                           |
| Tj = operating temperature limit under average climate conditions (Pdh)                                            | kW | 4,6                           |
| Tj = operating temperature limit under warmer climate conditions (Pdh)                                             | kW | 5,6                           |
| For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)                                                     | kW | 4,1                           |
| Dual mode temperature under colder climate conditions (Tbiv)                                                       | °C | -15                           |
| Dual mode temperature under average climate conditions (Tbiv)                                                      | °C | -7                            |
| Dual mode temperature under warmer climate conditions (Tbiv)                                                       | °C | 2                             |
| Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  | %  | 140                           |
| Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs) | %  | 160                           |
| Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)  | %  | 188                           |
| Tj = -7 °C COP, partial load range under colder climate conditions (COPd)                                          |    | 3,10                          |
| Tj = -7 °C COP, partial load range under average climate conditions (COPd)                                         |    | 2,76                          |
| Tj = 2 °C COP, partial load range under colder climate conditions (COPd)                                           |    | 4,21                          |
| Tj = 2 °C COP, partial load range under average climate conditions (COPd)                                          |    | 4,06                          |
| Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)                                           |    | 2,92                          |
| Tj = 7 °C COP, partial load range under colder climate conditions (COPd)                                           |    | 5,33                          |
| Tj = 7 °C COP, partial load range under average climate conditions (COPd)                                          |    | 5,11                          |

|                                                                                                      |                                                                                                                                         |              |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)                             |                                                                                                                                         | 4,24         |
| Tj = 12 °C COP, partial load range under colder climate conditions (COPd)                            |                                                                                                                                         | 6,68         |
| Tj = 12 °C COP, partial load range under average climate conditions (COPd)                           |                                                                                                                                         | 6,49         |
| Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)                            |                                                                                                                                         | 5,98         |
| Tj = dual mode temperature under colder climate conditions (COPd)                                    |                                                                                                                                         | 2,44         |
| Tj = dual mode temperature under average climate conditions (COPd)                                   |                                                                                                                                         | 2,76         |
| Tj = dual mode temperature under warmer climate conditions (COPd)                                    |                                                                                                                                         | 2,92         |
| Tj = operating temperature limit under colder climate conditions (COPd)                              |                                                                                                                                         | 1,83         |
| Tj = operating temperature limit under average climate conditions (COPd)                             |                                                                                                                                         | 2,46         |
| Tj = operating temperature limit under warmer climate conditions (COPd)                              |                                                                                                                                         | 2,92         |
| For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)                                      |                                                                                                                                         | 2,44         |
| 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                                                                                                                                      | 2            |
| Operating temperature limit of heating water under colder climate conditions (WTOL)                  | °C                                                                                                                                      | 75           |
| Operating temperature limit of heating water under average climate conditions (WTOL)                 | °C                                                                                                                                      | 75           |
| Operating temperature limit of heating water under warmer climate conditions (WTOL)                  | °C                                                                                                                                      | 75           |
| Power consumption, off-mode (Poff)                                                                   | W                                                                                                                                       | 9            |
| Power consumption, thermostat off-mode (PTO)                                                         | W                                                                                                                                       | 18           |
| Power consumption, standby state (PSB)                                                               | W                                                                                                                                       | 9            |
| Power consumption, operating state, with crankcase heating (PCK)                                     | W                                                                                                                                       | 0            |
| Rated heating output of auxiliary heater under colder climate conditions (PSUP)                      | kW                                                                                                                                      | 2,0          |
| Rated heating output of auxiliary heater under average climate conditions (PSUP)                     | kW                                                                                                                                      | 1,2          |
| Rated heating output of auxiliary heater under warmer climate conditions (PSUP)                      | kW                                                                                                                                      | 0,0          |
| Type of energy supply, auxiliary heater                                                              |                                                                                                                                         | elektrisch   |
| Output control                                                                                       |                                                                                                                                         | veränderlich |
| Sound power level, outdoor                                                                           | dB(A)                                                                                                                                   | 43           |
| Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)  | kWh/a                                                                                                                                   | 3436         |
| Annual energy consumption under average climate conditions for medium-temperature applications (QHE) | kWh/a                                                                                                                                   | 2976         |
| Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)  | kWh/a                                                                                                                                   | 1558         |
| Flow rate on heat source side                                                                        | m³/h                                                                                                                                    | 2740         |
| Special measures                                                                                     | For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions |              |