

Required details about room heater and combi heater with heat pump to regulation (EU) no. 813/2013 & 811/2013

		WPL 09 ACS classic UK compact plus Set S	
		238626	
Manufacturer		STIEBEL ELTRON	
Heat source		Outside air	
With booster heater			x
Combi boiler with heat pump			x
Rated heating output in colder climates for average temperature applications (Prated)	kW		5
Rated heating output in moderate climates for average temperature applications (Prated)	kW		4
Rated heating output in warmer climates for average temperature applications (Prated)	kW		4
Tj = -7 °C heating output, partial load range in colder climates (Pdh)	kW		3.24
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW		3.4
Tj = 2 °C heating output, partial load range in colder climates (Pdh)	kW		1.9
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW		2.0
Tj = 2 °C heating output, partial load range in warmer climates (Pdh)	kW		3.9
Tj = 7 °C heating output, partial load range in colder climates (Pdh)	kW		2.4
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW		1.3
Tj = 7 °C heating output, partial load range in warmer climates (Pdh)	kW		1.2
Tj = 12 °C heating output, partial load range in colder climates (Pdh)	kW		1.5
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW		1.5
Tj = 12 °C heating output, partial load range in warmer climates (Pdh)	kW		1.5
Tj = dual mode temperature in colder climates (Pdh)	kW		3.8
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW		3.0
Tj = dual mode temperature in warmer climates (Pdh)	kW		4.0
Tj = operating temperature limit in colder climates (Pdh)	kW		3.2
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW		3.4
Tj = operating temperature limit in warmer climates (Pdh)	kW		3.9
For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW		0.0
Dual mode temperature in colder climates (Tbiv)	°C		-10
Dual mode temperature in moderate climates (Tbiv)	°C		-5
Dual mode temperature in warmer climates (Tbiv)	°C		2
Seasonal room heating efficiency in colder climates for average temperature applications (ηs)	%		105
Seasonal room heating efficiency in moderate climates for average temperature applications (ηs)	%		116
Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)	%		139
Tj = -7 °C COP, partial load range in colder climates (COPd)			2.28
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)			2.05
Tj = 2 °C COP, partial load range in colder climates (COPd)			3.40
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)			2.94
Tj = 2 °C COP, partial load range in warmer climates (COPd)			2.13
Tj = 7 °C COP, partial load range in colder climates (COPd)			4.66
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)			4.13
Tj = 7 °C COP, partial load range in warmer climates (COPd)			3.25
Tj = 12 °C COP, partial load range in colder climates (COPd)			6.65
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)			5.97
Tj = 12 °C COP, partial load range in warmer climates (COPd)			5.15
Tj = dual mode temperature in colder climates (COPd)			2.09
Tj = dual mode temperature under moderate climatic conditions (COPd)			2.15
Tj = dual mode temperature in warmer climates (COPd)			2.13

T <sub>j</sub> = operating temperature limit in colder climates (COP <sub>d</sub> )		2.28
T <sub>j</sub> = operating temperature limit under moderate climatic conditions (COP <sub>d</sub> )		2.05
T <sub>j</sub> = operating temperature limit in warmer climates (COP <sub>d</sub> )		2.13
For air/water heat pumps: T <sub>j</sub> = -15 °C (if TOL < -20 °C) (COP <sub>d</sub> )		0.00
Operating temperature limit in colder climates (TOL)	°C	-15
Operating temperature limit in moderate climates (TOL)	°C	-5
Operating temperature limit in warmer climates (TOL)	°C	2
Heating water operating temperature limit (WTOL)	°C	60
Power consumption, OFF state (P <sub>off</sub> )	W	17
Power consumption, thermostat OFF state (PTO)	W	30
Standby power consumption (PSB)	W	17
Power consumption, operating state, with crankcase heating (PCK)	W	5
Booster heater heating output in moderate climate (P <sub>sup</sub> )	kW	3.6
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	52
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	4884
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	2618
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	1467
Flow rate, heat source side	m <sup>3</sup> /h	1300
Load profile		L
Daily power consumption (Q <sub>elec</sub> )	kWh	4.45
Annual power consumption in colder climates (AEC)	kWh/a	1663
Annual power consumption in moderate climates (AEC)	kWh/a	1535
Annual power consumption in warmer climates (AEC)	kWh/a	1253
Energy efficiency for DHW heating (Γ <sub>wh</sub> ) under moderate climatic conditions	%	109
Special measures	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	