

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

		WPL 09 ACS classic compact plus Set S
		236633
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 _j = operating temperature limit in colder climates (COP _d)		2.28
T _j = operating temperature limit under moderate climatic conditions (COP _d)		2.05
T _j = operating temperature limit in warmer climates (COP _d)		2.13
For air/water heat pumps: T _j = -15 °C (if TOL < -20 °C) (COP _d)		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 _{off})	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 _{sup})	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 ³ /h	1300
Load profile		L
Daily power consumption (Q _{elec})	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 _{wh}) 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	