

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

		WPL-A 07 HK 230 Premium
		200123
Manufacturer		STIEBEL ELTRON
Heat source		Outside air
Low temperature heat pump		-
With booster heater		x
Combi boiler with heat pump		-
Rated heating output in colder climates for average temperature applications (Prated)	kW	12
Rated heating output in moderate climates for average temperature applications (Prated)	kW	8
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	7.2
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7.00
Tj = 2 °C heating output, partial load range in colder climates (Pdh)	kW	4.4
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	4.30
Tj = 2 °C heating output, partial load range in warmer climates (Pdh)	kW	4.3
Tj = 7 °C heating output, partial load range in colder climates (Pdh)	kW	3.1
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3.00
Tj = 7 °C heating output, partial load range in warmer climates (Pdh)	kW	2.8
Tj = 12 °C heating output, partial load range in colder climates (Pdh)	kW	3.7
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3.60
Tj = 12 °C heating output, partial load range in warmer climates (Pdh)	kW	3.5
Tj = dual mode temperature in colder climates (Pdh)	kW	7.2
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	7.00
Tj = dual mode temperature in warmer climates (Pdh)	kW	4.3
Tj = operating temperature limit in colder climates (Pdh)	kW	5
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	6.50
Tj = operating temperature limit in warmer climates (Pdh)	kW	4.3
For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	6.30
Dual mode temperature in colder climates (Tbiv)	°C	-7
Dual mode temperature in moderate climates (Tbiv)	°C	-7
Dual mode temperature in warmer climates (Tbiv)	°C	2
Seasonal room heating efficiency in colder climates for average temperature applications (ηs)	%	128
Seasonal room heating efficiency in moderate climates for average temperature applications (ηs)	%	153
Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)	%	163
Tj = -7 °C COP, partial load range in colder climates (COPd)		2.7
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2.43
Tj = 2 °C COP, partial load range in colder climates (COPd)		4.31
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3.79
Tj = 2 °C COP, partial load range in warmer climates (COPd)		2.93
Tj = 7 °C COP, partial load range in colder climates (COPd)		5.99
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		5.22
Tj = 7 °C COP, partial load range in warmer climates (COPd)		3.9
Tj = 12 °C COP, partial load range in colder climates (COPd)		6.88
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		6.33
Tj = 12 °C COP, partial load range in warmer climates (COPd)		5.53
Tj = dual mode temperature in colder climates (COPd)		2.7
Tj = dual mode temperature under moderate climatic conditions (COPd)		2.43

Tj = dual mode temperature in warmer climates (COPd)		2.93
Tj = operating temperature limit in colder climates (COPd)		1.78
Tj = operating temperature limit under moderate climatic conditions (COPd)		2.14
Tj = operating temperature limit in warmer climates (COPd)		2.93
For air/water heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		2.22
Operating temperature limit in colder climates (TOL)	°C	-22
Operating temperature limit in moderate climates (TOL)	°C	-10
Operating temperature limit in warmer climates (TOL)	°C	2
Heating water operating temperature limit in colder climates (WTOL)	°C	75
Heating water operating temperature limit (WTOL)	°C	75
Heating water operating temperature limit in warmer climates (WTOL)	°C	75
Power consumption, OFF state (Poff)	W	12
Power consumption, thermostat OFF state (PTO)	W	10
Standby power consumption (PSB)	W	12
Power consumption, operating state, with crankcase heating (PCK)	W	10
Booster heater heating output in colder climates (Psup)	kW	6.9
Booster heater heating output (PSUB)	kW	1.40
Booster heater heating output in warmer climates (Psup)	kW	0
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	48
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	9005
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	4219
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	1388
Flow rate, heat source side	m <sup>3</sup> /h	2250

Special measures

For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions