

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

		WPE-I 08 HK 230 Premium
		238615
Manufacturer		STIEBEL ELTRON
Heat source		Brine
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	7
Rated heating output in moderate climates for average temperature applications (Prated)	kW	7
Rated heating output in warmer climates for average temperature applications (Prated)	kW	7
Tj = -7 °C heating output, partial load range in colder climates (Pdh)	kW	4.1
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6.1
Tj = 2 °C heating output, partial load range in colder climates (Pdh)	kW	2.5
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3.7
Tj = 2 °C heating output, partial load range in warmer climates (Pdh)	kW	6.9
Tj = 7 °C heating output, partial load range in colder climates (Pdh)	kW	1.6
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	2.3
Tj = 7 °C heating output, partial load range in warmer climates (Pdh)	kW	4.4
Tj = 12 °C heating output, partial load range in colder climates (Pdh)	kW	1.0
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	1.0
Tj = 12 °C heating output, partial load range in warmer climates (Pdh)	kW	1.9
Tj = dual mode temperature in colder climates (Pdh)	kW	6.9
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	6.9
Tj = dual mode temperature in warmer climates (Pdh)	kW	6.9
Tj = operating temperature limit in colder climates (Pdh)	kW	6.9
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	6.9
Tj = operating temperature limit in warmer climates (Pdh)	kW	6.9
Dual mode temperature in colder climates (Tbiv)	°C	-22
Dual mode temperature in moderate climates (Tbiv)	°C	-10
Dual mode temperature in warmer climates (Tbiv)	°C	2
Seasonal room heating efficiency in colder climates for average temperature applications (ηs)	%	163
Seasonal room heating efficiency in moderate climates for average temperature applications (ηs)	%	158
Seasonal room heating efficiency in warmer climates for average temperature applications (ηs)	%	157
Tj = -7 °C COP, partial load range in colder climates (COPd)		4.07
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		3.44
Tj = 2 °C COP, partial load range in colder climates (COPd)		4.60
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		4.21
Tj = 2 °C COP, partial load range in warmer climates (COPd)		3.22
Tj = 7 °C COP, partial load range in colder climates (COPd)		4.90
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4.69
Tj = 7 °C COP, partial load range in warmer climates (COPd)		3.88
Tj = 12 °C COP, partial load range in colder climates (COPd)		4.75
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		4.61
Tj = 12 °C COP, partial load range in warmer climates (COPd)		4.85
Tj = dual mode temperature in colder climates (COPd)		3.22
Tj = dual mode temperature under moderate climatic conditions (COPd)		3.22
Tj = dual mode temperature in warmer climates (COPd)		3.22

T <sub>j</sub> = operating temperature limit in colder climates (COP <sub>d</sub> )		3.22
T <sub>j</sub> = operating temperature limit under moderate climatic conditions (COP <sub>d</sub> )		3.22
T <sub>j</sub> = operating temperature limit in warmer climates (COP <sub>d</sub> )		3.22
Operating temperature limit in moderate climates (TOL)	°C	-10
Heating water operating temperature limit (WTOL)	°C	75
Power consumption, OFF state (P <sub>off</sub> )	W	16
Power consumption, thermostat OFF state (PTO)	W	16
Standby power consumption (PSB)	W	16
Power consumption, operating state, with crankcase heating (PCK)	W	0
Booster heater heating output in colder climates (P <sub>sup</sub> )	kW	0.0
Booster heater heating output in moderate climate (P <sub>sup</sub> )	kW	0.0
Booster heater heating output in warmer climates (P <sub>sup</sub> )	kW	0.0
Type of energy supply, booster heater		electric
Power control		variable
Sound power level internal	dB(A)	40
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	3985
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	3461
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	2243
Flow rate, heat source side	m <sup>3</sup> /h	0,68
Energy efficiency for DHW heating (Γ <sub>wh</sub> ) under moderate climatic conditions	%	-
Special measures	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	