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**STIEBEL ELTRON** WPL 10 ACS



55 °C

35 °C



A+

A+

59 dB

■ 5	■ 7
■ 5	■ 7
■ 5	■ 7
kW	kW

2015

811/2013

**Product datasheet: Room heater to regulation (EU) no. 811/2013**

		<b>WPL 10 ACS</b>
		227995
Manufacturer		STIEBEL ELTRON
Energy efficiency class for central heating in moderate climates for medium temperature applications		A+
Energy efficiency class for central heating in moderate climates for low temperature applications		A+
Rated heating output in moderate climates for medium temperature applications	kW	5
Rated heating output in moderate climates for low temperature applications	kW	7
Energy efficiency for central heating in moderate climates for medium temperature applications	%	114
Energy efficiency for central heating in moderate climates for low temperature applications	%	138
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	3861
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	3916
Rated heating output in colder climates for medium temperature applications	kW	5
Rated heating output in colder climates for low temperature applications	kW	7
Rated heating output in warmer climates for medium temperature applications	kW	5
Rated heating output in warmer climates for low temperature applications	kW	7
Energy efficiency for central heating in colder climates for medium temperature applications	%	102
Energy efficiency for central heating in colder climates for low temperature applications	%	121
Energy efficiency for central heating in warmer climates for medium temperature applications	%	139
Energy efficiency for central heating in warmer climates for low temperature applications	%	157
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	5096
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	5400
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	2030
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	2182
Sound power level external	dB(A)	59



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**STIEBEL ELTRON**

WPL 10 ACS






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**Product datasheet: Composite system consisting of room heater and temperature controller to regulation (EU) no. 811/2013**

		<b>WPL 10 ACS</b>
		227995
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	114
Temperature controller class		VII
Contribution of temperature controller to room heating energy efficiency	%	3,5
Room heating energy efficiency of composite system under moderate climatic conditions	%	117,5
Room heating energy efficiency of composite system under colder climatic conditions	%	105,5
Room heating energy efficiency of composite system under warmer climatic conditions	%	142,5
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	12
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	25
Energy efficiency class for central heating in moderate climates for medium temperature applications		A+
Room heating energy efficiency class of composite system under moderate climatic conditions		A+

**Product datasheet: Temperature controller to regulation (EU) no. 811/2013**

		<b>WPL 10 ACS</b>
		227995
Manufacturer		STIEBEL ELTRON
With booster heater		x
Combi boiler with heat pump		-
Rated heating output in moderate climates for medium temperature applications	kW	5
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	5
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,7
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	8
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	10,1
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	5,4
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	4,4
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	3,4
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2,89
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,55
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,06
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		4,74
Tj = dual mode temperature under moderate climatic conditions (COPd)		3,06
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,66
For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)		2,25
Dual mode temperature (Tbiv)	°C	-5
Heating water operating temperature limit (WTOL)	°C	60
Power consumption, OFF state (Poff)	W	5
Power consumption, thermostat OFF state (PTO)	W	5
Standby power consumption (PSB)	W	5
Power consumption, operating state, with crankcase heating (PCK)	W	12
Booster heater heating output (PSUB)	kW	2,28
Type of energy supply, booster heater		electric
Power control		Fixed
Sound power level external	dB(A)	59
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	3861
Flow rate, heat source side	m <sup>3</sup> /h	2300