

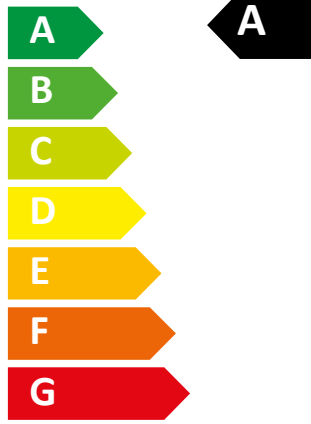


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STIEBEL ELTRON WPC 10 S



A++



A

54 dB



- 13 kW
- 10 kW
- 10 kW

2015

811/2013

		WPC 10 S
		232939
Manufacturer		STIEBEL ELTRON
Load profile		XL
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++
Energy efficiency category for DHW heating under moderate climatic conditions		A
Rated heating output in moderate climates for medium temperature applications	kW	9
Rated heating output in moderate climates for low temperature applications	kW	10
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	5358
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	4091
Energy consumption for DHW heating under moderate climatic conditions	kWh/a	1529
Energy efficiency for central heating in moderate climates for medium temperature applications	%	136
Energy efficiency for central heating in moderate climates for low temperature applications	%	200
Energy efficiency for DHW heating (η_{wh}) under moderate climatic conditions	%	110
Sound power level internal	dB(A)	54
{Spezielle Vorsichtsmaßnahmen}		Alle spezifischen Vorkehrungen bei Montage, Installation und Wartung sind in der Bedienungs- und Installationsanleitung beschrieben.
Rated heating output in colder climates for medium temperature applications	kW	12
Rated heating output in colder climates for low temperature applications	kW	13
Rated heating output in warmer climates for medium temperature applications	kW	9
Rated heating output in warmer climates for low temperature applications	kW	10
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	7799
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	5895
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	3488
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	2660
Energy consumption for DHW heating under colder climatic conditions	kWh/a	1529
Energy consumption for DHW heating under warmer climatic conditions	kWh/a	1529
Energy efficiency for central heating in colder climates for medium temperature applications	%	141
Energy efficiency for central heating in colder climates for low temperature applications	%	206
Energy efficiency for central heating in warmer climates for medium temperature applications	%	135
Energy efficiency for central heating in warmer climates for low temperature applications	%	199
Energy efficiency for DHW heating (η_{wh}) under colder climatic conditions	%	110
Energy efficiency for DHW heating (η_{wh}) under warmer climatic conditions	%	110



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


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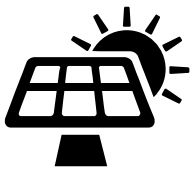







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STIEBEL ELTRON

WPC 10 S




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

		WPC 10 S
		232939
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	136
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	%	139,5
Room heating energy efficiency of composite system under colder climatic conditions	%	144,5
Room heating energy efficiency of composite system under warmer climatic conditions	%	138,5
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	5
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	1
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++
Energy efficiency category for DHW heating under moderate climatic conditions		A
Load profile		XL

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Manufacturer		STIEBEL ELTRON
Heat source		Brine
Low temperature heat pump		-
With booster heater		x
Combi boiler with heat pump		x
Rated heating output in moderate climates for medium temperature applications	kW	9
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	9,5
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	9,8
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	10
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	10,2
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	9,4
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	9,4
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	9,4
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		3,03
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)		3,95
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		4,43
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,9
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,9
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (COPd)		2,9
Dual mode temperature (Tbiv)	°C	-10
Operating temperature limit (Tol)	°C	-10
Heating water operating temperature limit (WTOL)	°C	60
Power consumption, OFF state (Poff)	W	0
Power consumption, thermostat OFF state (PTO)	W	85
Standby power consumption (PSB)	W	10
Power consumption, operating state, with crankcase heating (PCK)	W	0
Booster heater heating output (PSUB)	kW	0
Type of energy supply, booster heater		electric
Power control		Fixed
Sound power level internal	dB(A)	54
Flow rate, heat source side	m ³ /h	2,54
Load profile		XL
Energy efficiency for DHW heating (η _{wh}) under moderate climatic conditions	%	110
Daily power consumption (Q _{elec})	kWh	7,01