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STIEBEL ELTRON WPL 23 E



55 °C

35 °C



A+

A+



58 dB



65 dB

■ 20
■ 18
■ 16
kW

■ 18
■ 17
■ 16
kW



2019

811/2013

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

		WPL 23 E
		227758
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	18
Rated heating output in moderate climates for low temperature applications	kW	17
Energy efficiency for central heating in moderate climates for medium temperature applications	%	115
Energy efficiency for central heating in moderate climates for low temperature applications	%	148
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	12656
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	9268
Sound power level internal	dB(A)	58
Rated heating output in colder climates for medium temperature applications	kW	20
Rated heating output in colder climates for low temperature applications	kW	18
Rated heating output in warmer climates for medium temperature applications	kW	16
Rated heating output in warmer climates for low temperature applications	kW	16
Energy efficiency for central heating in colder climates for medium temperature applications	%	109
Energy efficiency for central heating in colder climates for low temperature applications	%	137
Energy efficiency for central heating in warmer climates for medium temperature applications	%	120
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	17275
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	12373
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	6955
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	5239
Sound power level external	dB(A)	65



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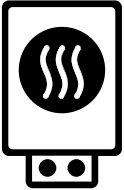

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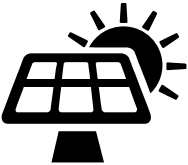
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STIEBEL ELTRON

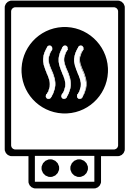
WPL 23 E

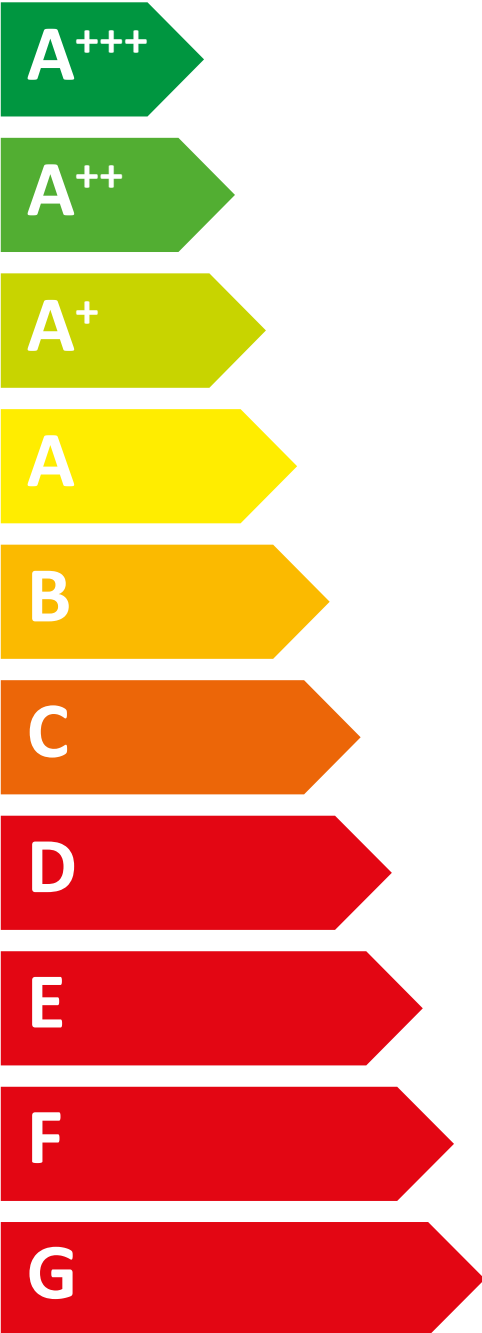




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A+++

A++

A+ 

A

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		WPL 23 E
		227758
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	115
Temperature controller class		VII
Contribution of temperature controller to room heating energy efficiency	%	3,50
Room heating energy efficiency of composite system under moderate climatic conditions	%	119,00
Room heating energy efficiency of composite system under colder climatic conditions	%	113,00
Room heating energy efficiency of composite system under warmer climatic conditions	%	124,00
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	6
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	5
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+

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Manufacturer		STIEBEL ELTRON
Heat source		Outside air
Low temperature heat pump		-
With booster heater		x
Combi boiler with heat pump		-
Rated heating output in moderate climates for medium temperature applications	kW	18
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	14,40
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	15,90
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	16,40
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	17,10
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	14,60
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	14,20
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	14,00
Dual mode temperature (Tbiv)	°C	-5
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2,32
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,00
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		3,53
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		3,79
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,48
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,12
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (COPd)		1,84
Heating water operating temperature limit (WTOL)	°C	60
Power consumption, OFF state (Poff)	W	7,000
Power consumption, thermostat OFF state (PTO)	W	7
Standby power consumption (PSB)	W	7,000
Power consumption, operating state, with crankcase heating (PCK)	W	62,000
Booster heater heating output (PSUB)	kW	3,960
Type of energy supply, booster heater		electric
Power control		Fixed
Sound power level external	dB(A)	65
Sound power level internal	dB(A)	58
Flow rate, heat source side	m ³ /h	3500