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STIEBEL ELTRON WPL 13 cool



55 °C

35 °C



A+

A+

56 dB

64 dB

9 kW 9 kW

9 9

8 8

kW kW

2019

811/2013

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

		WPL 13 cool
		223400
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	9
Rated heating output in moderate climates for low temperature applications	kW	9
Energy efficiency for central heating in moderate climates for medium temperature applications	%	116
Energy efficiency for central heating in moderate climates for low temperature applications	%	147
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	6085
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	4709
Sound power level internal	dB(A)	56
Rated heating output in colder climates for medium temperature applications	kW	9
Rated heating output in colder climates for low temperature applications	kW	9
Rated heating output in warmer climates for medium temperature applications	kW	8
Rated heating output in warmer climates for low temperature applications	kW	8
Energy efficiency for central heating in colder climates for medium temperature applications	%	107
Energy efficiency for central heating in colder climates for low temperature applications	%	130
Energy efficiency for central heating in warmer climates for medium temperature applications	%	124
Energy efficiency for central heating in warmer climates for low temperature applications	%	177
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	8373
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	6504
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	3279
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	2386
Sound power level external	dB(A)	64



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STIEBEL ELTRON

WPL 13 cool





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A+++

A++

A+ 

A

B

C

D

E

F

G

		WPL 13 cool
		223400
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	116
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	%	120,00
Room heating energy efficiency of composite system under colder climatic conditions	%	111,00
Room heating energy efficiency of composite system under warmer climatic conditions	%	128,00
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	9
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	8
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	9
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,90
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7,90
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	8,80
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	9,50
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	7,10
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	6,60
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	6,30
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)		2,93
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		3,42
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		4,03
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,47
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,13
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (COPd)		1,86
Dual mode temperature (Tbiv)	°C	-5
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	2,130
Type of energy supply, booster heater		electric
Power control		Fixed
Sound power level external	dB(A)	64
Sound power level internal	dB(A)	56
Flow rate, heat source side	m ³ /h	3500