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STIEBEL ELTRON WPL 20 AC flex Set



55 °C

35 °C



A++

A+++

54 dB

■ 17	■ 15
■ 12	■ 11
■ 8	■ 7
kW	kW

2019

811/2013

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

		WPL 20 AC flex Set
		239077
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	12
Rated heating output in moderate climates for low temperature applications	kW	11
Energy efficiency for central heating in moderate climates for medium temperature applications	%	147
Energy efficiency for central heating in moderate climates for low temperature applications	%	192
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	6625
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	4663
Rated heating output in colder climates for medium temperature applications	kW	17
Rated heating output in colder climates for low temperature applications	kW	15
Rated heating output in warmer climates for medium temperature applications	kW	8
Rated heating output in warmer climates for low temperature applications	kW	7
Energy efficiency for central heating in colder climates for medium temperature applications	%	133
Energy efficiency for central heating in colder climates for low temperature applications	%	167
Energy efficiency for central heating in warmer climates for medium temperature applications	%	177
Energy efficiency for central heating in warmer climates for low temperature applications	%	245
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	12299
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	8698
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	2369
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	1508
Sound power level external	dB(A)	54



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STIEBEL ELTRON

WPL 20 AC flex Set



A⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

+



+



+



+



		WPL 20 AC flex Set
		239077
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	147
Temperature controller class		VI
Contribution of temperature controller to room heating energy efficiency	%	4
Room heating energy efficiency of composite system under moderate climatic conditions	%	142
Room heating energy efficiency of composite system under colder climatic conditions	%	134
Room heating energy efficiency of composite system under warmer climatic conditions	%	157
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	8
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	15
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++

		WPL 20 AC flex Set
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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	12
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	10,6
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	8,4
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7,8
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	9,0
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	9,9
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	9,48
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	9,48
Dual mode temperature (Tbiv)	°C	-5
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2,69
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,51
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,61
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		6,66
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,81
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,29
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (COPd)		2,29
Operating temperature limit (Tol)	°C	-10
Heating water operating temperature limit (WTOL)	°C	65
Power consumption, OFF state (Poff)	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	38
Booster heater heating output (PSUB)	kW	0,69
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	54
Flow rate, heat source side	m ³ /h	4000