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**STIEBEL ELTRON** WPF 16 basic




55 °C

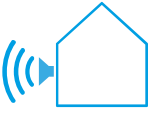
35 °C




**A+**

**A+++**

  
**53 dB**



■ 20	■ 21
■ 16	■ 17
■ 16	■ 17
kW	kW



2019

811/2013

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

		<b>WPF 16 basic</b>
		230948
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	16
Rated heating output in moderate climates for low temperature applications	kW	17
Energy efficiency for central heating in moderate climates for medium temperature applications	%	117
Energy efficiency for central heating in moderate climates for low temperature applications	%	177
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	10353
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	7440
Sound power level internal	dB(A)	53
Rated heating output in colder climates for medium temperature applications	kW	20
Rated heating output in colder climates for low temperature applications	kW	21
Rated heating output in warmer climates for medium temperature applications	kW	16
Rated heating output in warmer climates for low temperature applications	kW	17
Energy efficiency for central heating in colder climates for medium temperature applications	%	122
Energy efficiency for central heating in colder climates for low temperature applications	%	183
Energy efficiency for central heating in warmer climates for medium temperature applications	%	117
Energy efficiency for central heating in warmer climates for low temperature applications	%	178
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	14861
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	10600
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	6678
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	4778



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**STIEBEL ELTRON**

WPF 16 basic






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

		<b>WPF 16 basic</b>
		230948
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	117
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	%	121
Room heating energy efficiency of composite system under colder climatic conditions	%	126
Room heating energy efficiency of composite system under warmer climatic conditions	%	121
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	%	0
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+

Required details about room heater and combi heater with heat pump to regulation (EU) no. 813/2013

		WPF 16 basic
		230948
Manufacturer		STIEBEL ELTRON
Heat source		Brine
Low temperature heat pump		-
With booster heater		x
Combi boiler with heat pump		-
Rated heating output in colder climates for medium temperature applications	kW	20
Rated heating output in moderate climates for medium temperature applications	kW	16
Rated heating output in warmer climates for medium temperature applications	kW	16
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	15,70
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	16,10
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	16,30
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	16,50
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	15,60
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	15,60
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh) {Bivalenttemperatur bei durchschnittlichen Klimaverhältnissen (Tbiv)}	kW	15,60
	°C	-10
Energy efficiency for central heating in colder climates for medium temperature applications	%	122
Energy efficiency for central heating in moderate climates for medium temperature applications	%	117
Energy efficiency for central heating in warmer climates for medium temperature applications	%	117
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2,59
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,06
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		3,43
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		3,88
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,48
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,48
For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)		2,48
Heating water operating temperature limit (WTOL)	°C	60
Power consumption, OFF state (Poff)	W	0,000
Power consumption, thermostat OFF state (PTO)	W	78
Standby power consumption (PSB)	W	3,000
Power consumption, operating state, with crankcase heating (PCK)	W	0,000
Booster heater heating output (PSUB)	kW	0,000
Type of energy supply, booster heater		electric
Power control		Fixed
Sound power level internal	dB(A)	53
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	14861
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	10353
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	6678
Flow rate, heat source side	m <sup>3</sup> /h	3,8