

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

		WPF 7 basic
		230945
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	7
Rated heating output in moderate climates for low temperature applications	kW	8
Energy efficiency for central heating in moderate climates for medium temperature applications	%	122
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	4298
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	3153
Sound power level internal	dB(A)	47
Rated heating output in colder climates for medium temperature applications	kW	9
Rated heating output in colder climates for low temperature applications	kW	
Rated heating output in warmer climates for medium temperature applications	kW	7
Rated heating output in warmer climates for low temperature applications	kW	8
Energy efficiency for central heating in colder climates for medium temperature applications	%	128
Energy efficiency for central heating in colder climates for low temperature applications	%	200
Energy efficiency for central heating in warmer climates for medium temperature applications	%	121
Energy efficiency for central heating in warmer climates for low temperature applications	%	191
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	6253
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	4517
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	2800
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	2052



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STIEBEL ELTRON

WPF 7 basic

























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811/2013

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

		WPF 7 basic
		230945
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	122
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	%	126
Room heating energy efficiency of composite system under colder climatic conditions	%	132
Room heating energy efficiency of composite system under warmer climatic conditions	%	125
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	%	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++

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

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Tj = operating temperature limit under moderate climatic conditions (COPd) For air/water heat pumps:Tj= -15 °C (if TOL< -20 °C) (COPd) Heating water operating temperature limit (WTOL) Power consumption, OFF state (Poff) Power consumption, thermostat OFF state (PTO) Standby power consumption (PSB) Power consumption, operating state, with crankcase heating (PCK) Booster heater heating output (PSUB) Type of energy supply, booster heater Power control Sound power level internal Sound power level internal Energy consumption for central heating under colder climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications			4,11
COPd	Tj = dual mode temperature under moderate climatic conditions (COPd)		2,53
Heating water operating temperature limit (WTOL) Power consumption, OFF state (Poff) Power consumption, thermostat OFF state (PTO) Standby power consumption (PSB) Power consumption, operating state, with crankcase heating (PCK) Booster heater heating output (PSUB) Type of energy supply, booster heater Power control Sound power level internal Energy consumption for central heating under colder climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	, , , , , , , , , , , , , , , , , , , ,		2,53
Power consumption, OFF state (Poff) Power consumption, thermostat OFF state (PTO) Standby power consumption (PSB) Power consumption, operating state, with crankcase heating (PCK) Booster heater heating output (PSUB) Type of energy supply, booster heater Power control Sound power level internal Energy consumption for central heating under colder climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)		2,53
Power consumption, thermostat OFF state (PTO) Standby power consumption (PSB) Power consumption, operating state, with crankcase heating (PCK) Booster heater heating output (PSUB) Type of energy supply, booster heater Power control Sound power level internal Energy consumption for central heating under colder climatic conditions, for medium temperature applications Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, kWh/a Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, kWh/a	Heating water operating temperature limit (WTOL)	°C	60
Standby power consumption (PSB) Power consumption, operating state, with crankcase heating (PCK) Booster heater heating output (PSUB) Type of energy supply, booster heater Power control Sound power level internal Energy consumption for central heating under colder climatic conditions, for medium temperature applications Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption of central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications kWh/a 2800	Power consumption, OFF state (Poff)	W	0,000
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) 47 Energy consumption for central heating under colder climatic conditions, for medium temperature applications kWh/a Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	Power consumption, thermostat OFF state (PTO)	W	78
Booster heater heating output (PSUB) Type of energy supply, booster heater Power control Sound power level internal Energy consumption for central heating under colder climatic conditions, for medium temperature applications Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption for central heating under warmer climatic conditions, kWh/a Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications kWh/a 2800	Standby power consumption (PSB)	W	3,000
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Power control Sound power level internal Energy consumption for central heating under colder climatic conditions, for medium temperature applications Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications kWh/a 2800	Booster heater heating output (PSUB)	kW	0,000
Sound power level internal dB(A) 47 Energy consumption for central heating under colder climatic conditions, for medium temperature applications kWh/a 6253 Energy consumption of central heating in moderate climates for medium temperature applications kWh/a 4298 Energy consumption for central heating under warmer climatic conditions, for medium temperature applications kWh/a 2800	Type of energy supply, booster heater		electric
Energy consumption for central heating under colder climatic conditions, for medium temperature applications Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption for central heating in moderate climates for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications kWh/a 2800	Power control Power control	*	Fixed
for medium temperature applications Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications kWh/a 4298 kWh/a 2800	Sound power level internal	dB(A)	47
temperature applications Energy consumption for central heating under warmer climatic conditions, for medium temperature applications kWh/a 2800	•	kWh/a	6253
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications kWh/a 2800	Energy consumption of central heating in moderate climates for medium	kWh/a	4298
Flow rate, heat source side m³/h 1,9		kWh/a	2800
	Flow rate, heat source side	m ³ /h	1,9