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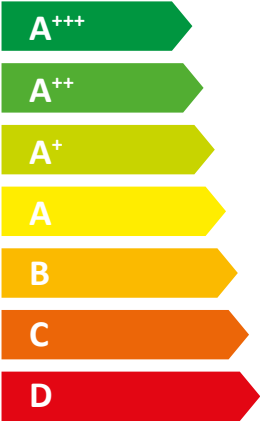


STIEBEL ELTRON WPL 13 ACS classic



55 °C

35 °C



A+

A+++

57 dB

■ 7	■ 6
■ 6	■ 7
■ 7	■ 6
kW	kW

2019

811/2013

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

		WPL 13 ACS classic
		239044
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	6
Rated heating output in moderate climates for low temperature applications	kW	7
Energy efficiency for central heating in moderate climates for medium temperature applications	%	124
Energy efficiency for central heating in moderate climates for low temperature applications	%	182
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	4917
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	3038
Rated heating output in colder climates for medium temperature applications	kW	7
Rated heating output in colder climates for low temperature applications	kW	6
Rated heating output in warmer climates for medium temperature applications	kW	7
Rated heating output in warmer climates for low temperature applications	kW	6
Energy efficiency for central heating in colder climates for medium temperature applications	%	112
Energy efficiency for central heating in colder climates for low temperature applications	%	153
Energy efficiency for central heating in warmer climates for medium temperature applications	%	160
Energy efficiency for central heating in warmer climates for low temperature applications	%	217
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	5564
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	3675
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	2128
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	1533
Sound power level external	dB(A)	57



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STIEBEL ELTRON

WPL 13 ACS classic





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		WPL 13 ACS classic
		239044
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	124
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	%	128
Room heating energy efficiency of composite system under colder climatic conditions	%	116
Room heating energy efficiency of composite system under warmer climatic conditions	%	164
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	12
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	36
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 13 ACS classic
		239044
Manufacturer		STIEBEL ELTRON
Heat source		Outside air
Low temperature heat pump		-
With booster heater		-
Combi boiler with heat pump		-
Rated heating output in moderate climates for medium temperature applications	kW	6
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	5,10
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	4,10
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	2,60
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3,30
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	6,10
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	5,10
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	0,00
Dual mode temperature (Tbiv)	°C	-10
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		1,97
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,18
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,56
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		5,98
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,28
Tj = operating temperature limit under moderate climatic conditions (COPd)		1,97
For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)		0,00
Heating water operating temperature limit (WTOL)	°C	60
Power consumption, OFF state (Poff)	W	17,000
Power consumption, thermostat OFF state (PTO)	W	30
Standby power consumption (PSB)	W	17,000
Power consumption, operating state, with crankcase heating (PCK)	W	5,000
Booster heater heating output (PSUB)	kW	7,550
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	57
Flow rate, heat source side	m ³ /h	2200



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WPL 13 ACS classic flex set S

A+

A+++
A++
A+
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A++

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

		WPL 13 ACS classic flex set S
		239045
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	124
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	%	128
Room heating energy efficiency of composite system under colder climatic conditions	%	116
Room heating energy efficiency of composite system under warmer climatic conditions	%	164
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	12
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	36
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 13 ACS classic flex set S
		239045
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	6
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	5,1
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	4,1
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	2,6
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3,3
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	6,1
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	5,1
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	0
Dual mode temperature (Tbiv)	°C	-10
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		1,97
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,18
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,56
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		5,98
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,28
Tj = operating temperature limit under moderate climatic conditions (COPd)		1,97
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (COPd)		0
Operating temperature limit (Tol)	°C	-7
Heating water operating temperature limit (WTOL)	°C	60
Power consumption, OFF state (Poff)	W	17
Power consumption, thermostat OFF state (PTO)	W	30
Standby power consumption (PSB)	W	17
Power consumption, operating state, with crankcase heating (PCK)	W	5
Booster heater heating output (PSUB)	kW	7,55
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	57
Flow rate, heat source side	m ³ /h	2200