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**STIEBEL ELTRON**

WPL 24 I flex Set



55 °C

35 °C



A++

A+++

54 dB

49 dB

■ 24	■ 22
■ 16	■ 15
■ 10	■ 9
kW	kW

2019

811/2013

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

		<b>WPL 24 I flex Set</b>
		239101
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	15
Energy efficiency for central heating in moderate climates for medium temperature applications	%	139
Energy efficiency for central heating in moderate climates for low temperature applications	%	180
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	9428
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	6905
Sound power level internal	dB(A)	54
Rated heating output in colder climates for medium temperature applications	kW	24
Rated heating output in colder climates for low temperature applications	kW	22
Rated heating output in warmer climates for medium temperature applications	kW	10
Rated heating output in warmer climates for low temperature applications	kW	9
Energy efficiency for central heating in colder climates for medium temperature applications	%	116
Energy efficiency for central heating in colder climates for low temperature applications	%	145
Energy efficiency for central heating in warmer climates for medium temperature applications	%	169
Energy efficiency for central heating in warmer climates for low temperature applications	%	227
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	19586
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	14942
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	3148
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	2108
Sound power level external	dB(A)	49



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		<b>WPL 24 I flex Set</b>
		239101
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	139
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	%	143
Room heating energy efficiency of composite system under colder climatic conditions	%	120
Room heating energy efficiency of composite system under warmer climatic conditions	%	173
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	23
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	30
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++

		<b>WPL 24 I flex Set</b>
		239101
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	16
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	14,2
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	9,4
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7,7
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7,3
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	14,4
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	11,5
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	0
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2,38
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,44
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,54
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		6,53
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,3
Tj = operating temperature limit under moderate climatic conditions (COPd)		1,82
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (COPd)		0
Dual mode temperature (Tbiv)	°C	-7
Operating temperature limit (Tol)	°C	-10
Heating water operating temperature limit (WTOL)	°C	65
Power consumption, OFF state (Poff)	W	25
Power consumption, thermostat OFF state (PTO)	W	25
Standby power consumption (PSB)	W	25
Power consumption, operating state, with crankcase heating (PCK)	W	0
Booster heater heating output (PSUB)	kW	4,77
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	49
Sound power level internal	dB(A)	54
Flow rate, heat source side	m <sup>3</sup> /h	2300



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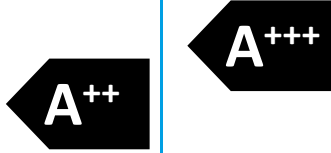
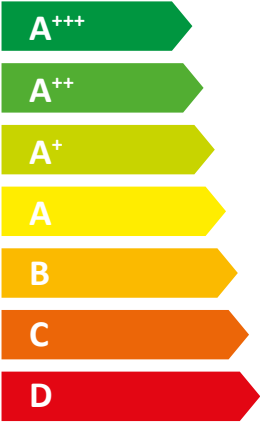
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**STIEBEL ELTRON** WPL 24 I



55 °C

35 °C



**54 dB**

**49 dB**

■ 17	■ 16
■ 12	■ 11
■ 7	■ 7
kW	kW

2019

811/2013

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

		<b>WPL 24 I</b>
		235194
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	%	144
Energy efficiency for central heating in moderate climates for low temperature applications	%	181
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	6707
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	5026
Sound power level internal	dB(A)	54
Rated heating output in colder climates for medium temperature applications	kW	17
Rated heating output in colder climates for low temperature applications	kW	16
Rated heating output in warmer climates for medium temperature applications	kW	7
Rated heating output in warmer climates for low temperature applications	kW	7
Energy efficiency for central heating in colder climates for medium temperature applications	%	121
Energy efficiency for central heating in colder climates for low temperature applications	%	147
Energy efficiency for central heating in warmer climates for medium temperature applications	%	171
Energy efficiency for central heating in warmer climates for low temperature applications	%	220
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	13872
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	10766
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	2227
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	1774
Sound power level external	dB(A)	49



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WPL 24 I



A<sup>++</sup>

A<sup>+++</sup>

A<sup>++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

E

F

G

+		<input type="checkbox"/>
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		<b>WPL 24 I</b>
		235194
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	144
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	%	143
Room heating energy efficiency of composite system under colder climatic conditions	%	120
Room heating energy efficiency of composite system under warmer climatic conditions	%	173
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	23
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	27
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++

		<b>WPL 24 I</b>
		235194
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	9,90
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,80
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,60
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,60
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	9,90
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	7,70
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	0,00
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		3,32
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		4,51
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		6,00
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		7,27
Tj = dual mode temperature under moderate climatic conditions (COPd)		3,32
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,68
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (COPd)		0,00
Dual mode temperature (Tbiv)	°C	-7
Heating water operating temperature limit (WTOL)	°C	65
Power consumption, OFF state (Poff)	W	25,000
Power consumption, thermostat OFF state (PTO)	W	25
Standby power consumption (PSB)	W	25,000
Power consumption, operating state, with crankcase heating (PCK)	W	0,000
Booster heater heating output (PSUB)	kW	3,530
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	49
Sound power level internal	dB(A)	54
Flow rate, heat source side	m <sup>3</sup> /h	2300