



ENERG Y IJA
 енергия · ενέργεια IE IA

STIEBEL ELTRON WPL 09 ACS classic flex
 set S



55 °C

35 °C



A+

A++

52 dB

■ 5	■ 4
■ 4	■ 5
■ 3	■ 4
kW	kW

2019

811/2013

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

		WPL 09 ACS classic flex set S
		236631
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	4
Rated heating output in moderate climates for low temperature applications	kW	5
Energy efficiency for central heating in moderate climates for medium temperature applications	%	113
Energy efficiency for central heating in moderate climates for low temperature applications	%	163
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	2618
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	2265
Rated heating output in colder climates for medium temperature applications	kW	5
Rated heating output in colder climates for low temperature applications	kW	4
Rated heating output in warmer climates for medium temperature applications	kW	3
Rated heating output in warmer climates for low temperature applications	kW	4
Energy efficiency for central heating in colder climates for medium temperature applications	%	105
Energy efficiency for central heating in colder climates for low temperature applications	%	150
Energy efficiency for central heating in warmer climates for medium temperature applications	%	139
Energy efficiency for central heating in warmer climates for low temperature applications	%	206
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	4884
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	2757
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	1467
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	889
Sound power level external	dB(A)	52



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236631

Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	113
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	%	117
Room heating energy efficiency of composite system under colder climatic conditions	%	109
Room heating energy efficiency of composite system under warmer climatic conditions	%	143
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	%	26
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+

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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	4
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3,4
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	2
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	1,3
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	1,5
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	3
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	3,4
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)		2,05
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		2,94
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,13
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		5,97
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,15
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,05
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (COPd)		0
Dual mode temperature (Tbiv)	°C	-5
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	3,69
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	52
Flow rate, heat source side	m ³ /h	1300



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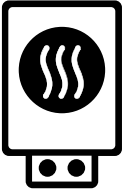

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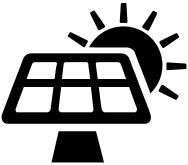
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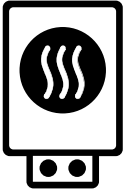


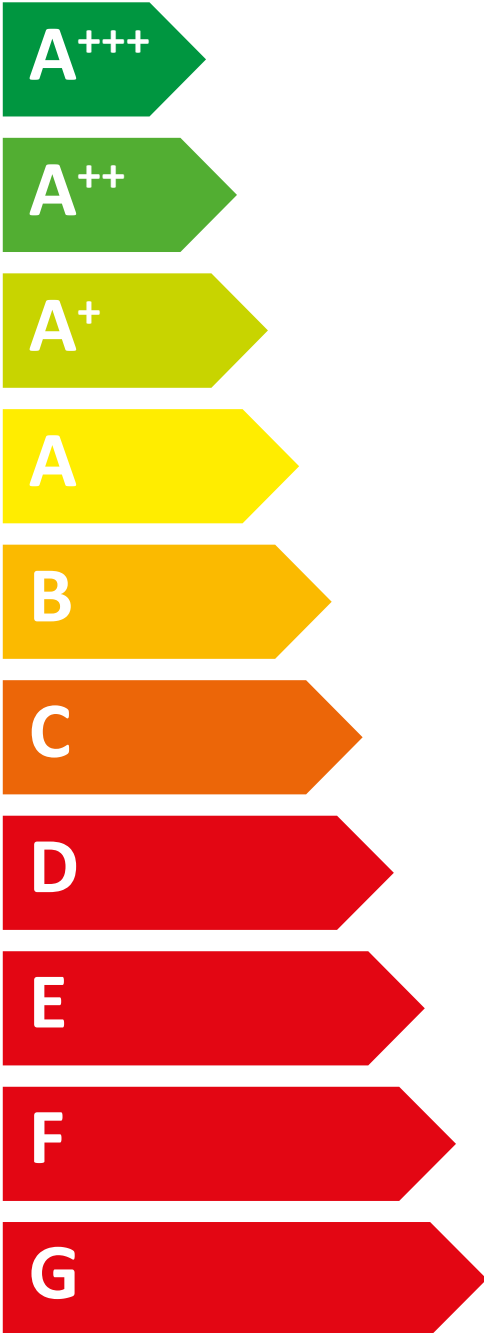
 


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Energy efficiency class for central heating in moderate climates for medium temperature applications		A+
Room heating energy efficiency class of composite system under moderate climatic conditions		A+

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Manufacturer		STIEBEL ELTRON
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Low temperature heat pump		-
With booster heater		-
Combi boiler with heat pump		-
Rated heating output in moderate climates for medium temperature applications	kW	4
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Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	2,00
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	1,30
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	1,50
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	3,00
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	3,40
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)		2,05
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For air/water heat pumps:Tj= -15 °C (if TOL< -20 °C) (COPd)		0,00
Dual mode temperature (Tbiv)	°C	-5
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	3,690
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	52
Flow rate, heat source side	m ³ /h	1300