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STIEBEL ELTRON WPL 15 ACS flex Set

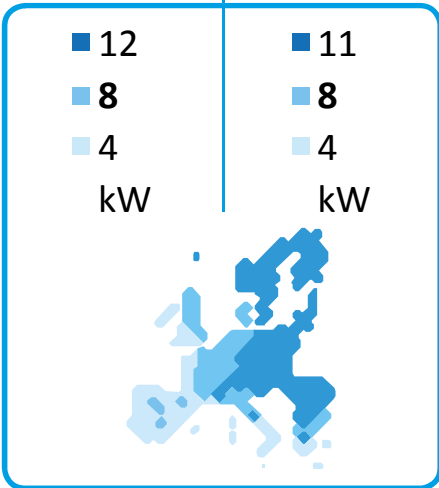


55 °C

35 °C



50 dB



2019

811/2013

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

		WPL 15 ACS flex Set
		239073
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	8
Rated heating output in moderate climates for low temperature applications	kW	8
Energy efficiency for central heating in moderate climates for medium temperature applications	%	127
Energy efficiency for central heating in moderate climates for low temperature applications	%	159
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	5084
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	4086
Rated heating output in colder climates for medium temperature applications	kW	12
Rated heating output in colder climates for low temperature applications	kW	11
Rated heating output in warmer climates for medium temperature applications	kW	4
Rated heating output in warmer climates for low temperature applications	kW	4
Energy efficiency for central heating in colder climates for medium temperature applications	%	119
Energy efficiency for central heating in colder climates for low temperature applications	%	140
Energy efficiency for central heating in warmer climates for medium temperature applications	%	142
Energy efficiency for central heating in warmer climates for low temperature applications	%	190
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	9351
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	7597
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	1489
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	1106
Sound power level external	dB(A)	50



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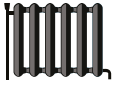
		WPL 15 ACS flex Set
		239073
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	127
Temperature controller class		VI
Contribution of temperature controller to room heating energy efficiency	%	4
Room heating energy efficiency of composite system under moderate climatic conditions	%	131
Room heating energy efficiency of composite system under colder climatic conditions	%	123
Room heating energy efficiency of composite system under warmer climatic conditions	%	146
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	%	15
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 15 ACS flex Set
		239073
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	8
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7,1
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	4,2
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	4,2
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	4,0
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	7,4
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	7,0
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	7,0
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2,18
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,30
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,07
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		5,14
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,13
Tj = operating temperature limit under moderate climatic conditions (COPd)		1,97
For air/water heat pumps:Tj = -15 °C (if TOL < -20 °C) (COPd)		1,97
Dual mode temperature (Tbiv)	°C	-8
Operating temperature limit (Tol)	°C	-10
Heating water operating temperature limit (WTOL)	°C	65
Power consumption, OFF state (Poff)	W	16
Power consumption, thermostat OFF state (PTO)	W	16
Standby power consumption (PSB)	W	16
Power consumption, operating state, with crankcase heating (PCK)	W	43
Booster heater heating output (PSUB)	kW	0
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	50
Flow rate, heat source side	m ³ /h	2300



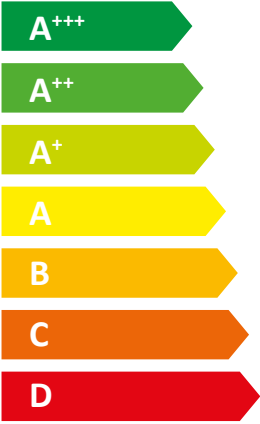
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STIEBEL ELTRON WPL 15 ACS

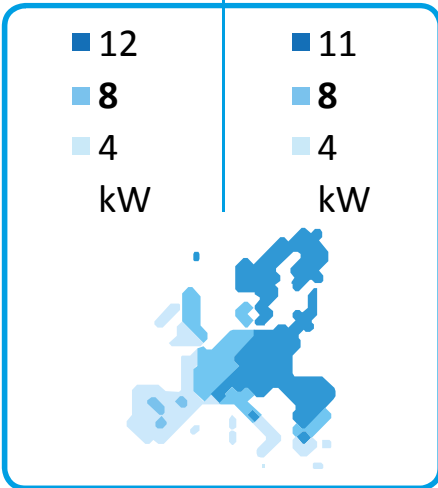


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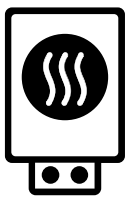
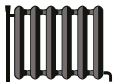
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WPL 15 ACS



A⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

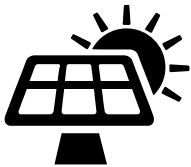
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Standby power consumption (PSB)	W	16,000
Power consumption, operating state, with crankcase heating (PCK)	W	43,000
Booster heater heating output (PSUB)	kW	0,000
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	50
Flow rate, heat source side	m ³ /h	2300