



**ENERG** Y IJA  
 енергия · ενέργεια IE IA

**STIEBEL ELTRON** WPL 23 cool



55 °C

35 °C



A+

A+

58 dB

65 dB

■ 19	■ 18
■ 17	■ 16
■ 15	■ 15
kW	kW

2015

811/2013

		<b>WPL 23 cool</b>
		223402
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	17
Rated heating output in moderate climates for low temperature applications	kW	16
Energy efficiency for central heating in moderate climates for medium temperature applications	%	119
Energy efficiency for central heating in moderate climates for low temperature applications	%	136
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	11997
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	8891
Sound power level internal	dB(A)	58
Rated heating output in colder climates for medium temperature applications	kW	19
Rated heating output in colder climates for low temperature applications	kW	18
Rated heating output in warmer climates for medium temperature applications	kW	15
Rated heating output in warmer climates for low temperature applications	kW	15
Energy efficiency for central heating in colder climates for medium temperature applications	%	108
Energy efficiency for central heating in colder climates for low temperature applications	%	117
Energy efficiency for central heating in warmer climates for medium temperature applications	%	143
Energy efficiency for central heating in warmer climates for low temperature applications	%	172
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	16711
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	13576
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	6348
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	4316
Sound power level external	dB(A)	65



# ENERG

енергия · ενεργεια

Y

IJA

IE

IA

**STIEBEL ELTRON**

WPL 23 cool



A<sup>+</sup>

A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

E

F

G

A<sup>+</sup>

Boiler icon with A<sup>+</sup> label

+ Solar panel icon   
 + Water tank icon   
 + Control panel icon   
 + Boiler icon

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Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	119
Temperature controller class		VII
Contribution of temperature controller to room heating energy efficiency	%	3,5
Room heating energy efficiency of composite system under moderate climatic conditions	%	122,5
Room heating energy efficiency of composite system under colder climatic conditions	%	111,5
Room heating energy efficiency of composite system under warmer climatic conditions	%	146,5
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	11
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	24
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
With booster heater		x
Combi boiler with heat pump		-
Rated heating output in moderate climates for medium temperature applications	kW	17
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	13
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	14,7
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	15,2
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	17,8
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	13,3
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	12,4
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	11,5
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		3,15
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,75
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,16
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		6,08
Tj = dual mode temperature under moderate climatic conditions (COPd)		3,31
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,96
For air/water heat pumps:Tj= -15 °C (if TOL< -20 °C) (COPd)		2,66
Dual mode temperature (Tbiv)	°C	-5
Heating water operating temperature limit (WTOL)	°C	60
Power consumption, OFF state (Poff)	W	9
Power consumption, thermostat OFF state (PTO)	W	9
Standby power consumption (PSB)	W	9
Power consumption, operating state, with crankcase heating (PCK)	W	72
Booster heater heating output (PSUB)	kW	6,2
Type of energy supply, booster heater		electric
Power control		Fixed
Sound power level external	dB(A)	65
Sound power level internal	dB(A)	58
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	11997
Flow rate, heat source side	m <sup>3</sup> /h	3500