ENERGY

STIEBEL ELTRON WPE-I 12.1 Plus H 230

	55 °C	35 °C
	A+++	A+++

A+++
A++
A+
A
B
C
D

40 dB

	10	11
	10	**11**
	10	11
	kW	kW

2019 811/2013

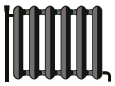
Product datasheet: Room heater to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)

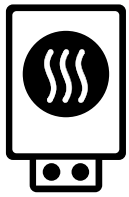
		WPE-I 12.1 Plus H 230
		207184
Manufacturer		STIEBEL ELTRON
Energy efficiency class for central heating in moderate climates for medium temperature applications		A+++
Energy efficiency class for central heating in moderate climates for low temperature applications		A+++
Rated heating output in moderate climates for average temperature applications (Prated)	kW	10
Rated heating output in moderate climates for low temperature applications (Prated)	kW	11
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	160
Seasonal room heating efficiency in moderate climates for low temperature applications (Ƞs)	%	208
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	5046
Annual energy consumption in moderate climates for low temperature applications (QHE)	kWh/a	4337
Sound power level internal	dB(A)	40
Rated heating output in colder climates for average temperature applications (Prated)	kW	10
Rated heating output in colder climates for low temperature applications (Prated)	kW	11
Rated heating output in warmer climates for average temperature applications (Prated)	kW	10
Rated heating output in warmer climates for low temperature applications (Prated)	kW	11
Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs)	%	163
Seasonal room heating efficiency in colder climates for low temperature applications (Ƞs)	%	215
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	159
Seasonal room heating efficiency in warmer climates for low temperature applications (Ƞs)	%	208
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	5896
Annual energy consumption in colder climates for low temperature applications (QHE)	kWh/a	5007
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	3269
Annual energy consumption in warmer climates for low temperature applications (QHE)	kWh/a	2811

ENERGY

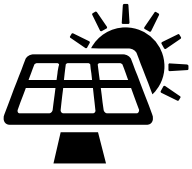
STIEBEL ELTRON

WPE-I 12.1 Plus H 230





A+++

+  ☐

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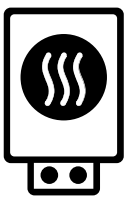
+  ☐

A+++

A++

A+

A

B

C

D

E

F

G

2015

811/2013

Product datasheet: Composite system consisting of room heater and temperature controller to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)

		WPE-I 12.1 Plus H 230
		207184
Manufacturer		STIEBEL ELTRON
Seasonal room heating efficiency in moderate climates for average temperature applications (Πs)	%	160
Temperature controller class		II
Contribution of temperature controller to room heating energy efficiency	%	2
Energy efficiency class for central heating in moderate climates for medium temperature applications		A+++

Required details about room heater and combi heater with heat pump to regulation (EU) no. 813/2013 & 811/2013

		WPE-I 12.1 Plus H 230
		207184
Manufacturer		STIEBEL ELTRON
Rated heating output in colder climates for average temperature applications (Prated)	kW	10
Rated heating output in moderate climates for average temperature applications (Prated)	kW	10
Rated heating output in warmer climates for average temperature applications (Prated)	kW	10
Tj = -7 °C heating output, partial load range in colder climates (Pdh)	kW	6.2
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	9.0
Tj = 2 °C heating output, partial load range in colder climates (Pdh)	kW	3.8
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	5.5
Tj = 2 °C heating output, partial load range in warmer climates (Pdh)	kW	10.2
Tj = 7 °C heating output, partial load range in colder climates (Pdh)	kW	2.7
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3.5
Tj = 7 °C heating output, partial load range in warmer climates (Pdh)	kW	6.6
Tj = 12 °C heating output, partial load range in colder climates (Pdh)	kW	2.7
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	2.7
Tj = 12 °C heating output, partial load range in warmer climates (Pdh)	kW	2.9
Tj = operating temperature limit in colder climates (Pdh)	kW	10.2
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	10.2
Tj = operating temperature limit in warmer climates (Pdh)	kW	10.2
Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs)	%	163
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	160
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	159
Tj = -7 °C COP, partial load range in colder climates (COPd)		4.00
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		3.36
Tj = 2 °C COP, partial load range in colder climates (COPd)		4.70
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		4.30
Tj = 2 °C COP, partial load range in warmer climates (COPd)		2.93
Tj = 7 °C COP, partial load range in colder climates (COPd)		4.85
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4.71
Tj = 7 °C COP, partial load range in warmer climates (COPd)		3.82
Tj = 12 °C COP, partial load range in colder climates (COPd)		4.86
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		4.77
Tj = 12 °C COP, partial load range in warmer climates (COPd)		4.99
Tj = operating temperature limit in colder climates (COPd)		2.93
Tj = operating temperature limit under moderate climatic conditions (COPd)		2.93
Tj = operating temperature limit in warmer climates (COPd)		2.93
Heating water operating temperature limit (WTOL)	°C	70
Power consumption, OFF state (Poff)	W	17
Power consumption, thermostat OFF state (PTO)	W	19
Standby power consumption (PSB)	W	17
Type of energy supply, booster heater		electric
Sound power level internal	dB(A)	40
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	5896

Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	5046
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	3269
Flow rate, heat source side	m^3/h	2
Load profile		XL
Daily power consumption in colder climates (QELEC)	kWh	6.224
Energy efficiency for DHW heating (Ƞwh) under moderate climatic conditions	%	123