ENERGY

STIEBEL ELTRON

WPL 15 AS compact duo 2

	55 °C	35 °C
	A+	A++
	12	11
	8	8
	4	4
	kW	kW

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

50 dB

2019 **811/2013**

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

		WPL 15 AS compact duo 2
		239111
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	8
Rated heating output in moderate climates for low temperature applications (Prated)	kW	8
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	122
Seasonal room heating efficiency in moderate climates for low temperature applications (Ƞs)	%	151
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	5300
Annual energy consumption in moderate climates for low temperature applications (QHE)	kWh/a	4303
Sound power level external	dB(A)	50
Rated heating output in colder climates for average temperature applications (Prated)	kW	12
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	4
Rated heating output in warmer climates for low temperature applications (Prated)	kW	4
Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs)	%	118
Seasonal room heating efficiency in colder climates for low temperature applications (Ƞs)	%	137
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	120
Seasonal room heating efficiency in warmer climates for low temperature applications (Ƞs)	%	153
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	9481
Annual energy consumption in colder climates for low temperature applications (QHE)	kWh/a	7727
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	1750
Annual energy consumption in warmer climates for low temperature applications (QHE)	kWh/a	1367

ENERGY

STIEBEL ELTRON

WPL 15 AS compact duo 2

A+

+	☐
+	☐
+	☒
+	☐

A+++
A++
A+
A
B
C
D
E
F
G

A++

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)

		WPL 15 AS compact duo 2
		239111
Manufacturer		STIEBEL ELTRON
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	122
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	%	126
Room heating energy efficiency of composite system under colder climatic conditions	%	122
Room heating energy efficiency of composite system under warmer climatic conditions	%	124
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	4
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	2
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++

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

		WPL 15 AS compact duo 2
		239111
Manufacturer		STIEBEL ELTRON
Heat source		Outside air
Low temperature heat pump		-
Combi boiler with heat pump		-
Rated heating output in colder climates for average temperature applications (Prated)	kW	12
Rated heating output in moderate climates for average temperature applications (Prated)	kW	8
Rated heating output in warmer climates for average temperature applications (Prated)	kW	4
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
Dual mode temperature in moderate climates (Tbiv)	°C	-8
Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs)	%	118
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	122
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	120
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
Operating temperature limit in moderate climates (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 in moderate climate (Psup)	kW	0
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	50
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	9481
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	5300
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	1750
Flow rate, heat source side	m^3/h	2300