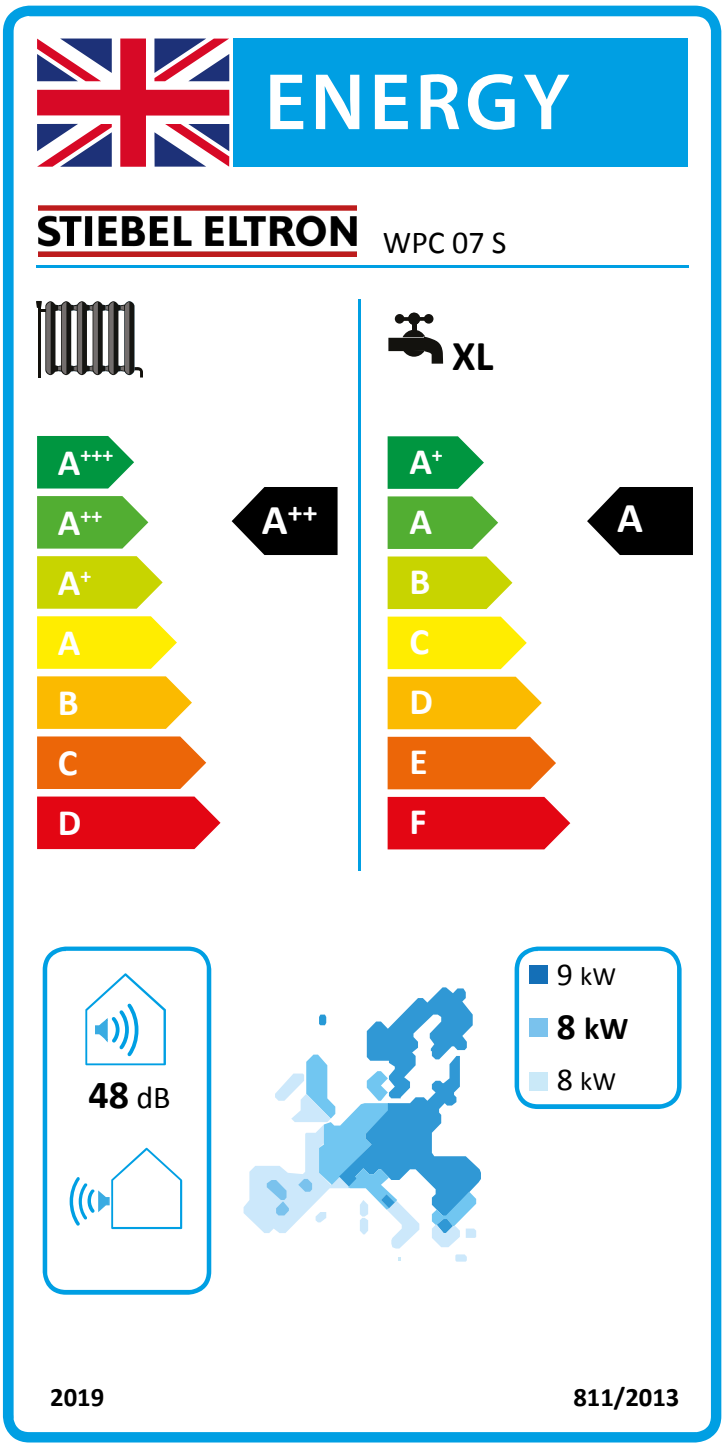
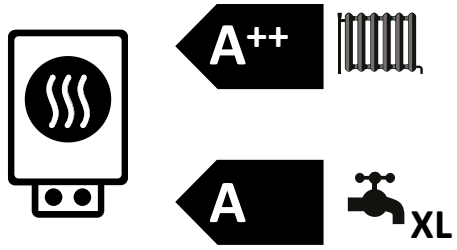

ENERGY
STIEBEL ELTRON
WPC 07 S
XL
A+++
A++
A+
A
B
C
D
A++
A+
A
B
C
D
E
F
A
48 dB
9 kW
8 kW
8 kW
2019
811/2013

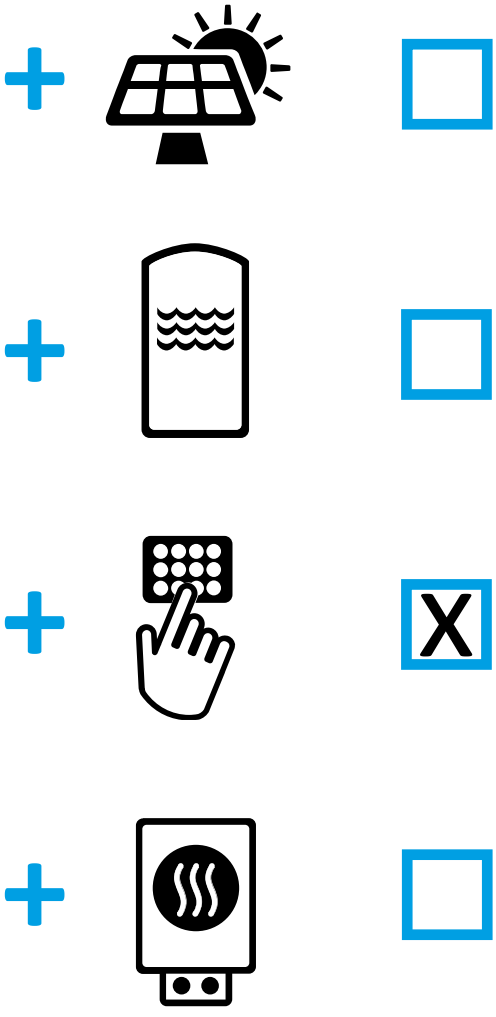
Product datasheet: Combi heater to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)

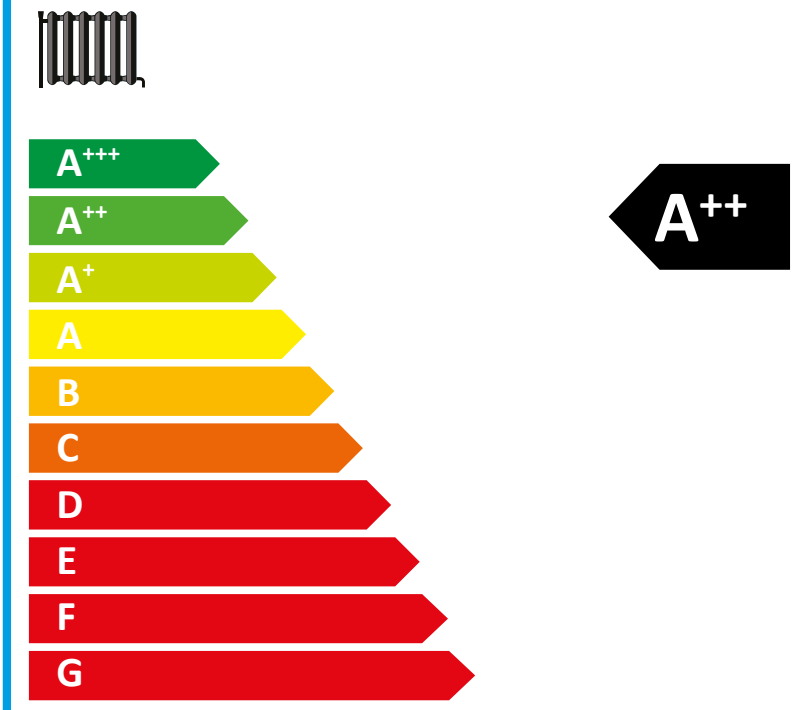
		WPC 07 S
		232938
Manufacturer		STIEBEL ELTRON
Load profile		XL
Energy efficiency class for central heating in moderate climates for medium temperature applications		A++
Energy efficiency class for central heating in moderate climates for low temperature applications		A+++
Energy efficiency category for DHW heating under moderate climatic conditions		A
Rated heating output in moderate climates for average temperature applications (Prated)	kW	7
Rated heating output in moderate climates for low temperature applications (Prated)	kW	8
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	4113
Annual energy consumption in moderate climates for low temperature applications (QHE)	kWh/a	2964
Annual power consumption in moderate climates (AEC)	kWh/a	1458
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	131
Seasonal room heating efficiency in moderate climates for low temperature applications (Ƞs)	%	204
Energy efficiency for DHW heating (Ƞwh) under moderate climatic conditions	%	116
Sound power level internal	dB(A)	48
Special measures		For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions
Rated heating output in colder climates for average temperature applications (Prated)	kW	9
Rated heating output in colder climates for low temperature applications (Prated)	kW	9
Rated heating output in warmer climates for average temperature applications (Prated)	kW	7
Rated heating output in warmer climates for low temperature applications (Prated)	kW	8
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	5947
Annual energy consumption in colder climates for low temperature applications (QHE)	kWh/a	4238
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	2667
Annual energy consumption in warmer climates for low temperature applications (QHE)	kWh/a	1918
Annual power consumption in colder climates (AEC)	kWh/a	1458
Annual power consumption in warmer climates (AEC)	kWh/a	1458
Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs)	%	137
Seasonal room heating efficiency in colder climates for low temperature applications (Ƞs)	%	212
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	131
Seasonal room heating efficiency in warmer climates for low temperature applications (Ƞs)	%	204
Energy efficiency for DHW heating (Ƞwh) under colder climatic conditions	%	116
Energy efficiency for DHW heating (Ƞwh) under warmer climatic conditions	%	116
Operation exclusively enabled during low load times		-

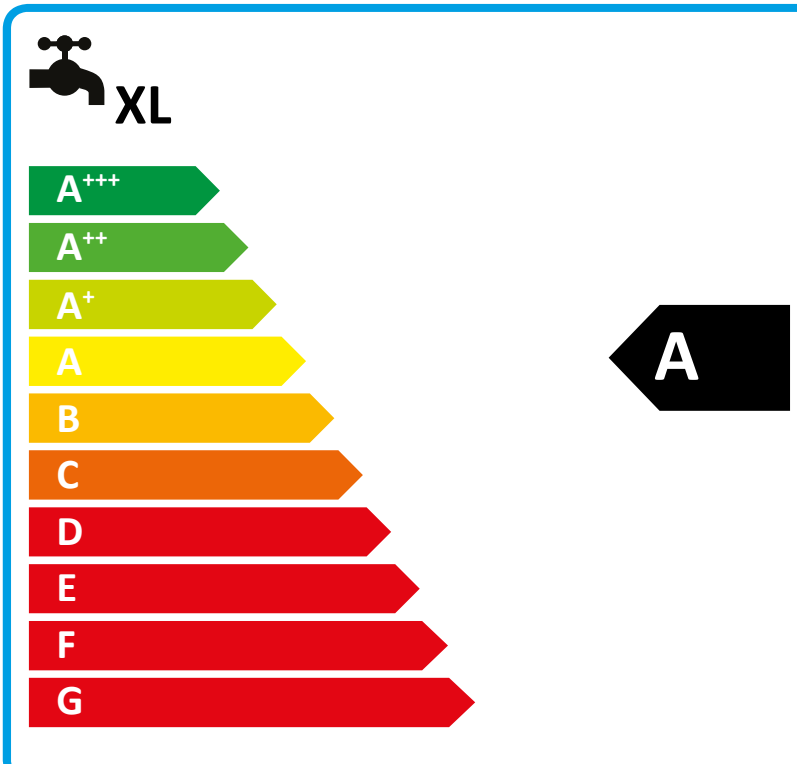
ENERGY

STIEBEL ELTRON WPC 07 S









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)

		WPC 07 S
		232938
Manufacturer		STIEBEL ELTRON
Seasonal room heating efficiency in moderate climates for average temperature applications (Πs)	%	131
Temperature controller class		VII
Contribution of temperature controller to room heating energy efficiency	%	3.50
Room heating energy efficiency of composite system under moderate climatic conditions	%	135
Room heating energy efficiency of composite system under colder climatic conditions	%	141
Room heating energy efficiency of composite system under warmer climatic conditions	%	135
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	6
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	0
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++
Energy efficiency category for DHW heating under moderate climatic conditions		A
Load profile		XL

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

		WPC 07 S
		232938
Manufacturer		STIEBEL ELTRON
With booster heater		x
Combi boiler with heat pump		x
Rated heating output in colder climates for average temperature applications (Prated)	kW	9
Rated heating output in moderate climates for average temperature applications (Prated)	kW	7
Rated heating output in warmer climates for average temperature applications (Prated)	kW	7
Tj = -7 °C heating output, partial load range in colder climates (Pdh)	kW	7.2
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7.00
Tj = -7 °C heating output, partial load range in warmer climates (Pdh)	kW	6.9
Tj = 2 °C heating output, partial load range in colder climates (Pdh)	kW	7.4
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7.20
Tj = 2 °C heating output, partial load range in warmer climates (Pdh)	kW	6.9
Tj = 7 °C heating output, partial load range in colder climates (Pdh)	kW	7.5
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7.40
Tj = 7 °C heating output, partial load range in warmer climates (Pdh)	kW	7.1
Tj = 12 °C heating output, partial load range in colder climates (Pdh)	kW	7.6
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7.50
Tj = 12 °C heating output, partial load range in warmer climates (Pdh)	kW	7.4
Tj = dual mode temperature in colder climates (Pdh)	kW	7.1
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	6.90
Tj = dual mode temperature in warmer climates (Pdh)	kW	6.9
Tj = operating temperature limit in colder climates (Pdh)	kW	6.9
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	6.90
Tj = operating temperature limit in warmer climates (Pdh)	kW	6.9
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	6.90
Dual mode temperature in colder climates (Tbiv)	°C	-15
Dual mode temperature in moderate climates (Tbiv)	°C	-10
Dual mode temperature in warmer climates (Tbiv)	°C	2
Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs)	%	137
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	131
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	131
Tj = -7 °C COP, partial load range in colder climates (COPd)		3.4
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2.86
Tj = -7 °C COP, partial load range in warmer climates (COPd)		2.73
Tj = 2 °C COP, partial load range in colder climates (COPd)		3.84
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3.41
Tj = 2 °C COP, partial load range in warmer climates (COPd)		2.73
Tj = 7 °C COP, partial load range in colder climates (COPd)		4.28
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		3.85
Tj = 7 °C COP, partial load range in warmer climates (COPd)		3.15
Tj = 12 °C COP, partial load range in colder climates (COPd)		4.65
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		4.39
Tj = 12 °C COP, partial load range in warmer climates (COPd)		4.02
Tj = dual mode temperature in colder climates (COPd)		3.16
Tj = dual mode temperature under moderate climatic conditions (COPd)		2.73

Tj = dual mode temperature in warmer climates (COPd)		2.73
Tj = operating temperature limit in colder climates (COPd)		2.73
Tj = operating temperature limit under moderate climatic conditions (COPd)		2.73
Tj = operating temperature limit in warmer climates (COPd)		2.73
For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)		2.73
Heating water operating temperature limit (WTOL)	°C	60
Power consumption, OFF state (Poff)	W	0
Power consumption, thermostat OFF state (PTO)	W	55
Standby power consumption (PSB)	W	10
Power consumption, operating state, with crankcase heating (PCK)	W	0
Booster heater heating output in moderate climate (Psup)	kW	0.00
Type of energy supply, booster heater		electric
Power control		Fixed
Sound power level internal	dB(A)	48
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	5947
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	4113
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	2667
Flow rate, heat source side	m^3/h	1,76
Load profile		XL
Daily power consumption in colder climates (QELEC)	kWh	6.68
Daily power consumption (Qelec)	kWh	6.68
Daily power consumption in warmer climates (QELEC)	kWh	6.68
Annual power consumption in colder climates (AEC)	kWh/a	1458
Annual power consumption in moderate climates (AEC)	kWh/a	1458
Annual power consumption in warmer climates (AEC)	kWh/a	1458
Energy efficiency for DHW heating (Ƞwh) under moderate climatic conditions	%	116
Special measures		For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions