ENERGY

STIEBEL ELTRON HPG-I 04 DCS Premium

XL

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

A+++

A+
A
B
C
D
E
F

A

43 dB

4 kW
4 kW
4 kW

2019 **811/2013**

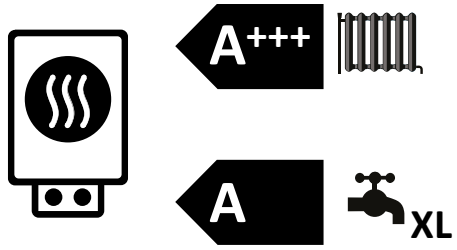
Product datasheet: Combi heater to regulation (EU) no. 811/2013 / (S.I. 2019 No. 539 / Schedule 2)

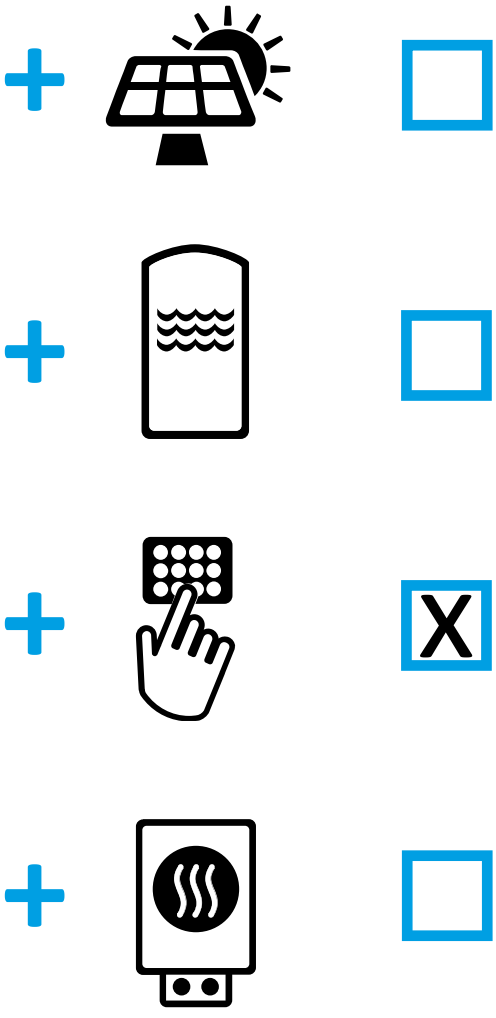
		HPG-I 04 DCS Premium
		202632
Manufacturer		STIEBEL ELTRON
Load profile		XL
Energy efficiency class for central heating in moderate climates for medium temperature applications		A+++
Energy efficiency class for central heating in moderate climates for low temperature applications		A+++
Energy efficiency category for DHW heating under moderate climatic conditions		A
Rated heating output in moderate climates for average temperature applications (Prated)	kW	4
Rated heating output in moderate climates for low temperature applications (Prated)	kW	4
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	1934
Annual energy consumption in moderate climates for low temperature applications (QHE)	kWh/a	1723
Annual power consumption in moderate climates (AEC)	kWh/a	1556
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	153
Seasonal room heating efficiency in moderate climates for low temperature applications (Ƞs)	%	195
Energy efficiency for DHW heating (Ƞwh) under moderate climatic conditions	%	108
Sound power level internal	dB(A)	43
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	4
Rated heating output in colder climates for low temperature applications (Prated)	kW	4
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
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	2252
Annual energy consumption in colder climates for low temperature applications (QHE)	kWh/a	2000
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	1300
Annual energy consumption in warmer climates for low temperature applications (QHE)	kWh/a	1159
Annual power consumption in colder climates (AEC)	kWh/a	1556
Annual power consumption in warmer climates (AEC)	kWh/a	1556
Seasonal room heating efficiency in colder climates for average temperature applications (Ƞs)	%	156.8
Seasonal room heating efficiency in colder climates for low temperature applications (Ƞs)	%	200.5
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	146.7
Seasonal room heating efficiency in warmer climates for low temperature applications (Ƞs)	%	186.9
Energy efficiency for DHW heating (Ƞwh) under colder climatic conditions	%	108
Energy efficiency for DHW heating (Ƞwh) under warmer climatic conditions	%	108
Operation exclusively enabled during low load times		-

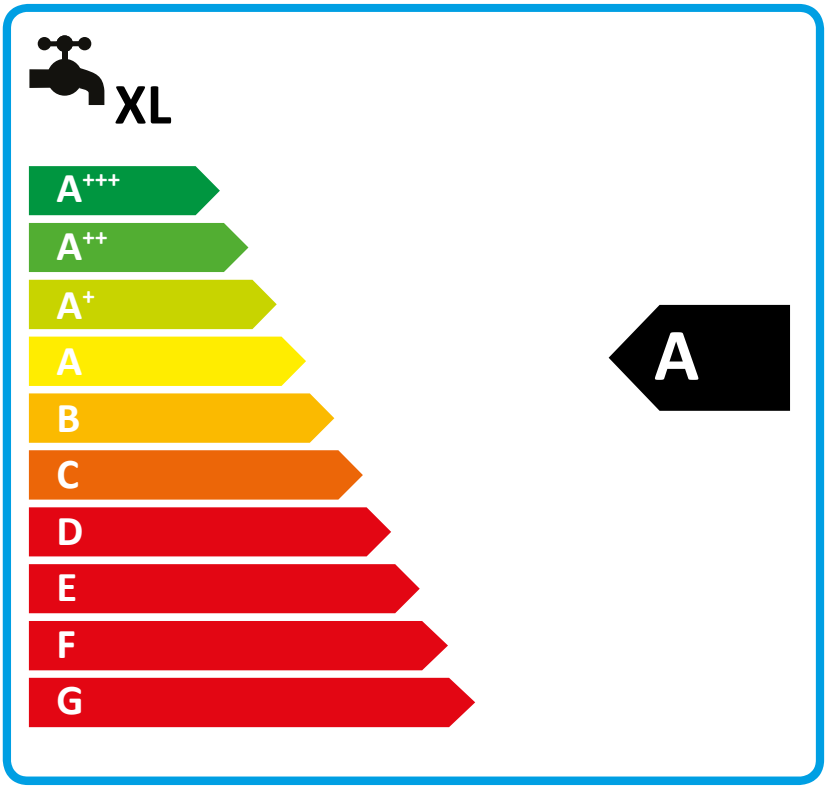
ENERGY

STIEBEL ELTRON

HPG-I 04 DCS Premium







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)

		HPG-I 04 DCS Premium
		202632
Manufacturer		STIEBEL ELTRON
Seasonal room heating efficiency in moderate climates for average temperature applications (Πs)	%	153
Contribution of temperature controller to room heating energy efficiency	%	4
Room heating energy efficiency of composite system under moderate climatic conditions	%	156.4
Room heating energy efficiency of composite system under colder climatic conditions	%	160.3
Room heating energy efficiency of composite system under warmer climatic conditions	%	150.2
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	3.9
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	6.1
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

		HPG-I 04 DCS Premium
		202632
Manufacturer		STIEBEL ELTRON
Heat source		Brine
Low temperature heat pump		-
With booster heater		x
Combi boiler with heat pump		x
Rated heating output in colder climates for average temperature applications (Prated)	kW	4
Rated heating output in moderate climates for average temperature applications (Prated)	kW	4
Rated heating output in warmer climates for average temperature applications (Prated)	kW	4
Tj = -7 °C heating output, partial load range in colder climates (Pdh)	kW	2.27
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3.32
Tj = 2 °C heating output, partial load range in colder climates (Pdh)	kW	1.38
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	2.02
Tj = 2 °C heating output, partial load range in warmer climates (Pdh)	kW	3.76
Tj = 7 °C heating output, partial load range in colder climates (Pdh)	kW	1.09
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	1.3
Tj = 7 °C heating output, partial load range in warmer climates (Pdh)	kW	2.41
Tj = 12 °C heating output, partial load range in colder climates (Pdh)	kW	1.09
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	1.08
Tj = 12 °C heating output, partial load range in warmer climates (Pdh)	kW	1.08
Tj = dual mode temperature in colder climates (Pdh)	kW	3.76
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	3.76
Tj = dual mode temperature in warmer climates (Pdh)	kW	3.76
Tj = operating temperature limit in colder climates (Pdh)	kW	3.76
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	3.76
Tj = operating temperature limit in warmer climates (Pdh)	kW	3.76
Dual mode temperature in colder climates (Tbiv)	°C	-22
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)	%	156.8
Seasonal room heating efficiency in moderate climates for average temperature applications (Ƞs)	%	153
Seasonal room heating efficiency in warmer climates for average temperature applications (Ƞs)	%	146.7
Tj = -7 °C COP, partial load range in colder climates (COPd)		4.1
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		3.58
Tj = 2 °C COP, partial load range in colder climates (COPd)		4.37
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		4.22
Tj = 2 °C COP, partial load range in warmer climates (COPd)		3.43
Tj = 7 °C COP, partial load range in colder climates (COPd)		4.51
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4.47
Tj = 7 °C COP, partial load range in warmer climates (COPd)		3.95
Tj = 12 °C COP, partial load range in colder climates (COPd)		4.52
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		4,49
Tj = 12 °C COP, partial load range in warmer climates (COPd)		4.39
Tj = dual mode temperature in colder climates (COPd)		3.43
Tj = dual mode temperature under moderate climatic conditions (COPd)		3.43
Tj = dual mode temperature in warmer climates (COPd)		3.43

Tj = operating temperature limit in colder climates (COPd)		3.43
Tj = operating temperature limit under moderate climatic conditions (COPd)		3.43
Tj = operating temperature limit in warmer climates (COPd)		3.43
Operating temperature limit in moderate climates (TOL)	°C	-10
Heating water operating temperature limit (WTOL)	°C	75
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	0
Booster heater heating output in colder climates (Psup)	kW	0
Booster heater heating output in moderate climate (Psup)	kW	0.00
Booster heater heating output in warmer climates (Psup)	kW	0
Type of energy supply, booster heater		electric
Power control		variable
Sound power level internal	dB(A)	43
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	2252
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	1934
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	1300
Flow rate, heat source side	m^3/h	0,5
Load profile		XL
Daily power consumption in colder climates (QELEC)	kWh	7.08
Daily power consumption (Qelec)	kWh	7.08
Daily power consumption in warmer climates (QELEC)	kWh	7.08
Annual power consumption in colder climates (AEC)	kWh/a	1556
Annual power consumption in moderate climates (AEC)	kWh/a	1556
Annual power consumption in warmer climates (AEC)	kWh/a	1556
Energy efficiency for DHW heating (Ƞwh) under moderate climatic conditions	%	108
Special measures		For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions