



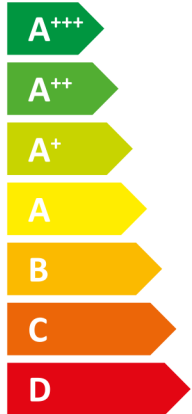
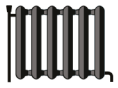
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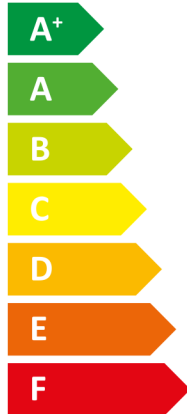
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STIEBEL ELTRON

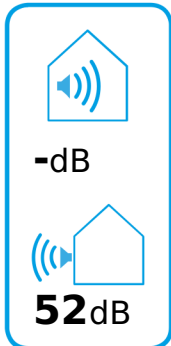
WPL 07 ACS classic
compact Set 1.1



A+



A



2019

811/2013

Product datasheet: Combination heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

		WPL 07 ACS classic compact Set 1.1
		204257
Manufacturer		STIEBEL ELTRON
Load profile		L
Space heating energy efficiency class under average climate conditions, medium-temperature applications (A+++ -> D)		A+
Energy efficiency class, space heating under average climate conditions, low-temperature applications (A+++ -> D)		A++
Energy efficiency class, DHW heating under average climate conditions (A+++ -> D)		A
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	4
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	4
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	2089
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	1769
Annual power consumption under average climate conditions (AEC)	kWh	880.000
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	116
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	166
Energy efficiency, DHW heating (η_{wh}), under average climate conditions	%	116
Sound power level, indoor		-
Option for operation only at off-peak times		-
Special measures		Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installations- und Montageanweisung
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	4
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	3
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	3
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	3
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	4016
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	2186
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1187
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	783
Annual power consumption under colder climate conditions (AEC)		-
Annual power consumption under warmer climate conditions (AEC)		-
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	102
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s)	%	148
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	137
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	200
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	200
Energy efficiency, DHW heating (η_{wh}), warmer climates		-
Sound power level, outdoor	dB(A)	52



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WPL 07 ACS classic compact Set 1.1

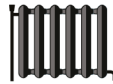
STIEBEL ELTRON



A⁺



A



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

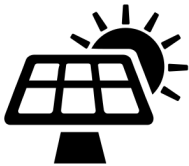
E

F

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A⁺

+



+



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+



A⁺⁺⁺

A⁺⁺

A⁺

A

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E

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A

Product datasheet: Combination heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

		WPL 07 ACS classic compact Set 1.1
		204257
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	116
Temperature control class		VI
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	120
Space heating energy efficiency of package under colder climate conditions	%	109
Space heating energy efficiency of package under warmer climate conditions	%	143
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	8
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	26
Space heating energy efficiency class under average climate conditions, medium-temperature applications (A+++ -> D)		A+
Space heating energy efficiency class of package under average climate conditions (A+++ -> D)		A+
Energy efficiency class, DHW heating under average climate conditions (A+++ -> D)		A
Load profile		L

Product datasheet: Combination heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

		WPL 07 ACS classic compact Set 1.1
		204257
Manufacturer		STIEBEL ELTRON
Heat source		Luft
Low temperature heat pump		-
With auxiliary heater		-
Combination heater with heat pump		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	4
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	4
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	3
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2.65
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	3.1
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	1.6
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	1.6
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	3.1
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	1.3
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	1.3
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	2.0
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	1.5
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	1.5
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	1.5
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	3.0
Tj = dual mode temperature under average climate conditions (Pdh)	kW	2.4
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	3.1
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	2.6
Tj = operating temperature limit under average climate conditions (Pdh)	kW	3.1
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	3.1
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	0.0
Dual mode temperature under colder climate conditions (Tbiv)	Grad C	-10
Dual mode temperature under average climate conditions (Tbiv)	Grad C	-5
Dual mode temperature under warmer climate conditions (Tbiv)	Grad C	2
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)	%	102
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	116
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	137
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3.45
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2.07
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		3.45
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		2.93
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2.19
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		4.66
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		4.13

Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3.27
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		6.65
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		5.97
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		5.15
Tj = dual mode temperature under colder climate conditions (COPd)		2.09
Tj = dual mode temperature under average climate conditions (COPd)		2.17
Tj = dual mode temperature under warmer climate conditions (COPd)		2.19
Tj = operating temperature limit under colder climate conditions (COPd)		2.30
Tj = operating temperature limit under average climate conditions (COPd)		2.07
Tj = operating temperature limit under warmer climate conditions (COPd)		2.19
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		1.90
Operating temperature limit under colder climate conditions (TOL)	Grad C	-15
Operating temperature limit under average climate conditions (TOL)	Grad C	-5
Operating temperature limit under warmer climate conditions (TOL)	Grad C	2
Operating temperature limit of heating water under colder climate conditions (WTOL)	Grad C	60
Operating temperature limit of heating water under average climate conditions (WTOL)	Grad C	60
Operating temperature limit of heating water under warmer climate conditions (WTOL)	Grad C	60
Power consumption, off-mode (Poff)	Watt	17
Power consumption, thermostat off-mode (PTO)	Watt	30
Power consumption, standby state (PSB)	Watt	17
Power consumption, operating state, with crankcase heating (PCK)	Watt	5
Rated heating output of auxiliary heater under colder climate conditions (PSUP)		-
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	2.9
Rated heating output of auxiliary heater under warmer climate conditions (PSUP)		-
Type of energy supply, auxiliary heater		elektrisch
Output control		veränderlich
Sound power level, outdoor	dB(A)	52
Sound power level, indoor		-
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	4016
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	2089
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1187
Flow rate on heat source side	m3/h	1300
Load profile		L
Daily power consumption under colder climate conditions (QELEC)		-
Daily power consumption under average climate conditions (QELEC)	kWh	4.230
Daily power consumption under warmer climate conditions (QELEC)		-
Annual power consumption under colder climate conditions (AEC)		-
Annual power consumption under average climate conditions (AEC)	kWh	880.000
Annual power consumption under warmer climate conditions (AEC)		-
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)	%	200
Energy efficiency, DHW heating (ηwh), under average climate conditions	%	116
Energy efficiency, DHW heating (ηwh), warmer climates		-
Special measures		Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung