

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

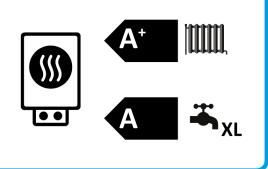
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conditions for low-temperature applications (ηs) % Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs) % 200		%	137
conditions for low-temperature applications (ηs)		%	200
Sound power level, outdoor dB(A) 52		%	200
	Sound power level, outdoor	dB(A)	52



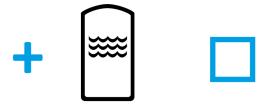
ENERGY

WPL 07 ACS classic compact Set 1.1

STIEBEL ELTRON





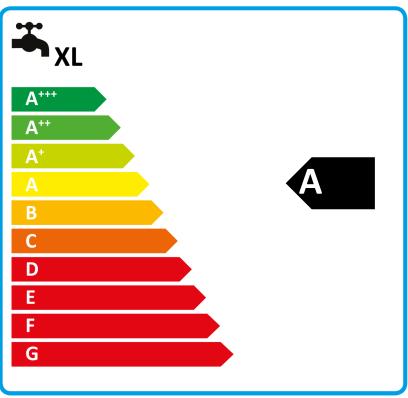












2015 811/2013

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	
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+	
Space heating energy efficiency class of package under average climate conditions		A+	
Energy efficiency class, DHW heating under average climate conditions		A	
Load profile		L	

		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
	kW	2,4
Tj = dual mode temperature under average climate conditions (Pdh)		
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)	°C	-10
Dual mode temperature under average climate conditions (Tbiv)	°C	-5
Dual mode temperature under warmer climate conditions (Tbiv)	°C	2
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η s)	%	102
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η s)	%	116
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η s)	%	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)	<u>°C</u>	-15
Operating temperature limit under average climate conditions (TOL)	°C	-5
Operating temperature limit under warmer climate conditions (TOL)	°C	2
Operating temperature limit of heating water under colder climate conditions (WTOL)	°C	60
Operating temperature limit of heating water under average climate conditions (WTOL)	°C_	60

Operating temperature limit of heating water under warmer climate conditions (WTOL)	°C	60
Power consumption, off-mode (Poff)	W	17
Power consumption, thermostat off-mode (PTO)	W	30
Power consumption, standby state (PSB)	W	17
Power consumption, operating state, with crankcase heating (PCK)	W	5
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	2,9
Type of energy supply, auxiliary heater	,	elektrisch
Output control	,	veränderlich
Sound power level, outdoor	dB(A)	52
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 average climate conditions (QELEC)	kWh	4,230
Annual power consumption under colder climate conditions (AEC)	kWh	880,000
Annual power consumption under average climate conditions (AEC)	kWh/a	880
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	200
Energy efficiency, DHW heating (ηwh), under average climate conditions	%	116
Special measures		Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung