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STIEBEL ELTRON

WPL 57 Set A

	55 °C	35 °C
A+++		
A++		
A+	A+	A+
A		
B		
C		
D		

0 dB

69 dB

	55 °C	35 °C
	34	32
	33	**31**
	31	30
	kW	kW

2019

811/2013

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

		WPL 57 Set A
		228837
Manufacturer		STIEBEL ELTRON
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+
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	33
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	31
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs)	%	110
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	134
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	24031
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	18707
Sound power level, indoor	dB(A)	0
Option for operation only at off-peak times		-
Special measures		Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	34
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	32
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	31
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	30
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs)	%	92
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ɳs)	%	108
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs)	%	108
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ɳs)	%	133
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	35394
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	28347
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	14885
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	11817
Sound power level, outdoor	dB(A)	69

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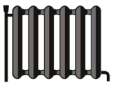
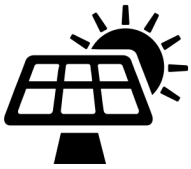
WPL 57 Set A

STIEBEL ELTRON



A+

+  ☐

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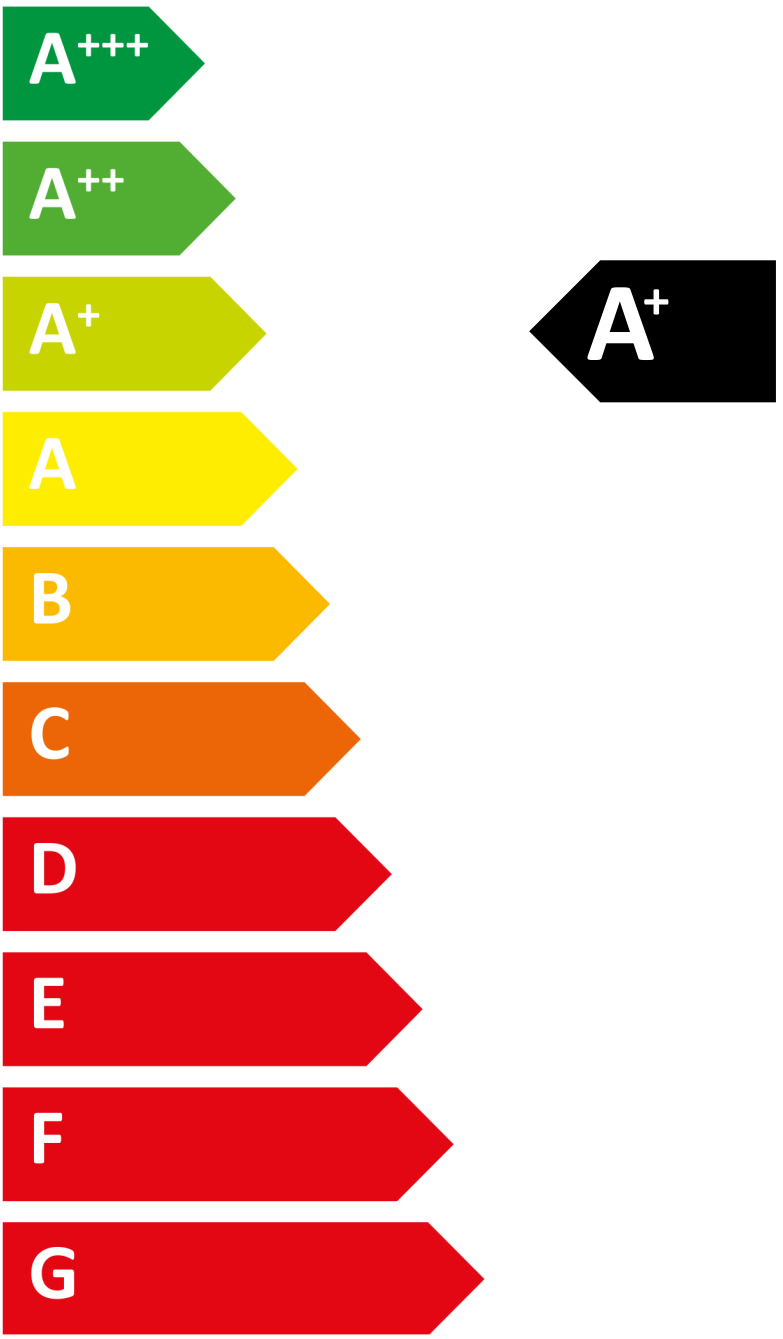

2015

811/2013

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

		WPL 57 Set A
		228837
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	134
Temperature control class		VII
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	113
Space heating energy efficiency of package under colder climate conditions	%	95
Space heating energy efficiency of package under warmer climate conditions	%	111
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	9
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	16
Energy efficiency class, space heating under average climate conditions, low-temperature applications (A+++ -> D)		A+
Space heating energy efficiency class of package under average climate conditions (A+++ -> D)		A+

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

		WPL 57 Set A
		228837
Manufacturer		STIEBEL ELTRON
Heat source		Außenluft
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	34
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	33
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	31
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	24.9
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	25.5
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	30.3
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	30.5
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	31.2
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	30.8
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	30.7
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	30.3
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	38.9
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	38.7
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	38.4
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	23.1
Tj = dual mode temperature under average climate conditions (Pdh)	kW	26.5
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	31.2
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	17.7
Tj = operating temperature limit under average climate conditions (Pdh)	kW	23.9
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	31.2
For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	21.4
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)	%	92
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	110
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	108
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		2.48
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2.30
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		2.98
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		2.84
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2.53
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		3.40
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		3.24

Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		2.90
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4.16
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		405.00
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		3.87
Tj = dual mode temperature under colder climate conditions (COPd)		2.32
Tj = dual mode temperature under average climate conditions (COPd)		2.43
Tj = dual mode temperature under warmer climate conditions (COPd)		2.53
Tj = operating temperature limit under colder climate conditions (COPd)		1.73
Tj = operating temperature limit under average climate conditions (COPd)		2.12
Tj = operating temperature limit under warmer climate conditions (COPd)		2.53
For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (COPd)		1.84
Operating temperature limit under colder climate conditions (TOL)	Grad C	-20
Operating temperature limit under average climate conditions (TOL)	Grad C	-10
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	7
Power consumption, thermostat off-mode (PTO)	Watt	7
Power consumption, standby state (PSB)	Watt	7
Power consumption, operating state, with crankcase heating (PCK)	Watt	25
Rated heating output of auxiliary heater under colder climate conditions (PSUP)		-
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	9.1
Rated heating output of auxiliary heater under warmer climate conditions (PSUP)		-
Type of energy supply, auxiliary heater		elektrisch
Output control		fest
Sound power level, outdoor	dB(A)	69
Sound power level, indoor	dB(A)	0
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	35394
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	24031
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	14885
Flow rate on heat source side	m3/h	7300
Special measures		Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung