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STIEBEL ELTRON

WPL 16 S Trend

	55 °C	35 °C
	A++	A++

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

- dB

56 dB

■	6	6
■	**6**	**7**
■	7	9
	kW	kW

2019

811/2013

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

		WPL 16 S Trend
		233873
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	6
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	7
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs)	%	143
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	199
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3585
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	3161
Sound power level, indoor		-
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	6
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	7
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	9
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs)	%	130
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ɳs)	%	155
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs)	%	160
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ɳs)	%	210
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	4558
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	3801
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2429
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	2281
Sound power level, outdoor	dB(A)	56

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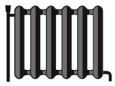
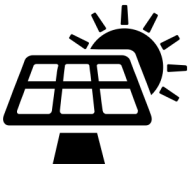
WPL 16 S Trend

STIEBEL ELTRON



A++



A+++

A++

A+

A

B

C

D

E

F

G

-

2015

811/2013

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

		WPL 16 S Trend
		233873
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	199
Temperature control class		VI
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions		-
Space heating energy efficiency of package under colder climate conditions		-
Space heating energy efficiency of package under warmer climate conditions		-
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	68
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	86
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)		-

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

		WPL 16 S Trend
		233873
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	6
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	7
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)		-
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	5.1
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)		-
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	3.1
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)		-
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)		-
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	2.8
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)		-
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)		-
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	3.5
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)		-
Tj = dual mode temperature under colder climate conditions (Pdh)		-
Tj = dual mode temperature under average climate conditions (Pdh)	kW	6.1
Tj = dual mode temperature under warmer climate conditions (Pdh)		-
Tj = operating temperature limit under colder climate conditions (Pdh)		-
Tj = operating temperature limit under average climate conditions (Pdh)	kW	4.3
Tj = operating temperature limit under warmer climate conditions (Pdh)		-
For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	4.6
Dual mode temperature under colder climate conditions (Tbiv)		-
Dual mode temperature under average climate conditions (Tbiv)	Grad C	-10
Dual mode temperature under warmer climate conditions (Tbiv)		-
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)	%	130
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	143
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	160
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		-
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2.2
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		-
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		3.5
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		-
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		-
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		5

Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		-
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		-
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		773
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		-
Tj = dual mode temperature under colder climate conditions (COPd)		-
Tj = dual mode temperature under average climate conditions (COPd)		1.8
Tj = dual mode temperature under warmer climate conditions (COPd)		-
Tj = operating temperature limit under colder climate conditions (COPd)		-
Tj = operating temperature limit under average climate conditions (COPd)		1.6
Tj = operating temperature limit under warmer climate conditions (COPd)		-
For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (COPd)		1.8
Operating temperature limit under colder climate conditions (TOL)		-
Operating temperature limit under average climate conditions (TOL)		-
Operating temperature limit under warmer climate conditions (TOL)		-
Operating temperature limit of heating water under colder climate conditions (WTOL)		-
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)		-
Power consumption, off-mode (Poff)	Watt	17
Power consumption, thermostat off-mode (PTO)	Watt	0
Power consumption, standby state (PSB)	Watt	17
Power consumption, operating state, with crankcase heating (PCK)	Watt	30
Rated heating output of auxiliary heater under colder climate conditions (PSUP)		-
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	0
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)	56
Sound power level, indoor		-
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	4558
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3585
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2429
Flow rate on heat source side	m3/h	4500