ENERGY

STIEBEL ELTRON

WPL-S 18 HK 400 Premium

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

56 dB

62 dB

■	22	19
■	**21**	**22**
■	21	20
	kW	kW

2019

811/2013

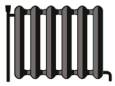
Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

		WPL-S 18 HK 400 Premium
		202799
Manufacturer		STIEBEL ELTRON
Space heating energy efficiency class under average climate conditions, medium-temperature applications		A++
Energy efficiency class, space heating under average climate conditions, low-temperature applications		A++
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	21
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	22
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs)	%	125
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	148
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	13752
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	11748
Sound power level, indoor	dB(A)	56
Option for operation only at off-peak times		-
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 under colder climate conditions for medium-temperature applications (P rated)	kW	22
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	19
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	21
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	20
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs)	%	117
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ɳs)	%	138
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs)	%	141
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ɳs)	%	171
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	18010
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	13245
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	7772
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	6023
Sound power level, outdoor	dB(A)	62

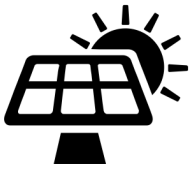
ENERGY

WPL-S 18 HK 400 Premium

STIEBEL ELTRON



A++

+  ☐

+  ☐

+  ☒

+  ☐

A+++

A++

A+

A

B

C

D

E

F

G

A++

2015

811/2013

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

		WPL-S 18 HK 400 Premium
		202799
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	148
Temperature control class		VII
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	142
Space heating energy efficiency of package under colder climate conditions	%	128
Space heating energy efficiency of package under warmer climate conditions	%	160
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	14
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	18
Energy efficiency class, space heating under average climate conditions, low-temperature applications		A++
Space heating energy efficiency class of package under average climate conditions		A++

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

		WPL-S 18 HK 400 Premium
		202799
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	22
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	21
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	21
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	19,8
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	18,8
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	19,3
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	21,0
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	21,0
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	23,5
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	27,0
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	23,3
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	28,6
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	29,1
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	30,1
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	18,3
Tj = dual mode temperature under average climate conditions (Pdh)	kW	18,8
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	21,0
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	13,4
Tj = operating temperature limit under average climate conditions (Pdh)	kW	17,6
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	21,0
Dual mode temperature under colder climate conditions (Tbiv)	°C	-15
Dual mode temperature under average climate conditions (Tbiv)	°C	-7
Dual mode temperature under warmer climate conditions (Tbiv)	°C	2
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs)	%	117
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs)	%	125
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs)	%	141
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		2,90
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2,55
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		3,10
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		3,07
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2,70
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		3,70
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		3,86
Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3,30

Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4,50
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		437,00
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		4,20
Tj = dual mode temperature under colder climate conditions (COPd)		2,60
Tj = dual mode temperature under average climate conditions (COPd)		2,55
Tj = dual mode temperature under warmer climate conditions (COPd)		2,70
Tj = operating temperature limit under colder climate conditions (COPd)		1,90
Tj = operating temperature limit under average climate conditions (COPd)		2,34
Tj = operating temperature limit under warmer climate conditions (COPd)		2,70
Operating temperature limit under colder climate conditions (TOL)	°C	-22
Operating temperature limit under warmer climate conditions (TOL)	°C	2
Operating temperature limit of heating water under colder climate conditions (WTOL)	°C	65
Operating temperature limit of heating water under average climate conditions (WTOL)	°C	65
Operating temperature limit of heating water under warmer climate conditions (WTOL)	°C	65
Power consumption, off-mode (Poff)	W	25
Power consumption, thermostat off-mode (PTO)	W	25
Power consumption, standby state (PSB)	W	25
Power consumption, operating state, with crankcase heating (PCK)	W	0
Type of energy supply, auxiliary heater		elektrisch
Output control		fest
Sound power level, outdoor	dB(A)	62
Sound power level, indoor	dB(A)	56
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	18010
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	13752
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	7772
Flow rate on heat source side	m³/h	8000
Special measures		For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions