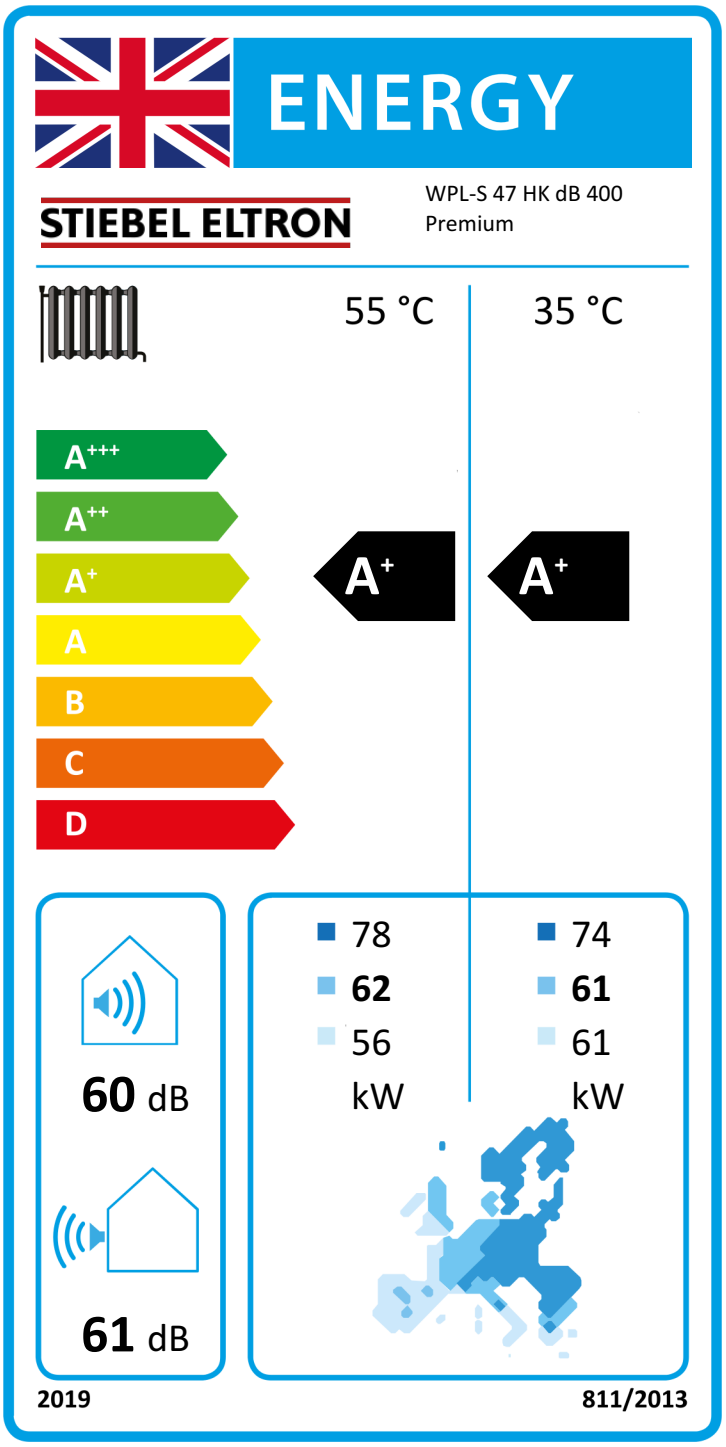

ENERGY
STIEBEL ELTRON
WPL-S 47 HK dB 400
Premium
55 °C
35 °C
A+++
A++
A+
A
B
C
D
A+
A+
78
62
56
kW
74
61
61
kW
60 dB
61 dB
2019
811/2013

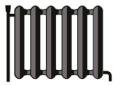
Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

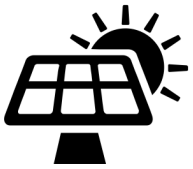
		WPL-S 47 HK dB 400 Premium
		202804
Manufacturer		STIEBEL ELTRON
Space heating energy efficiency class under average climate conditions, medium-temperature applications		A+
Energy efficiency class, space heating under average climate conditions, low-temperature applications		A+
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	62
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	61
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs)	%	113
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	141
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	44323
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	34998
Sound power level, indoor	dB(A)	60
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	78
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	74
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	56
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	61
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs)	%	105
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ɳs)	%	129
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs)	%	135
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ɳs)	%	167
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	70865
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	55171
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	21600
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	19213
Sound power level, outdoor	dB(A)	61

ENERGY

WPL-S 47 HK dB 400 Premium

STIEBEL ELTRON



+  ☐

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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-S 47 HK dB 400 Premium
		202804
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	141
Temperature control class		VII
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	117
Space heating energy efficiency of package under colder climate conditions	%	109
Space heating energy efficiency of package under warmer climate conditions	%	139
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	%	22
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 47 HK dB 400 Premium
		202804
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	78
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	62
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	56
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	54,5
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	54,9
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	59,8
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	58,6
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	55,8
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	75,2
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	75,4
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	75,8
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	85,2
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	84,3
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	82,8
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	53,3
Tj = dual mode temperature under average climate conditions (Pdh)	kW	54,9
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	55,8
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	53,3
Tj = operating temperature limit under average climate conditions (Pdh)	kW	54,9
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	55,8
Dual mode temperature under colder climate conditions (Tbiv)	°C	-10
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 (ηs)	%	105
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	113
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	135
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		2,46
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2,20
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)		2,77
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2,35
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		3,58
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		3,40
Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3,04

Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4,45
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		432,00
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		4,11
Tj = dual mode temperature under colder climate conditions (COPd)		2,33
Tj = dual mode temperature under average climate conditions (COPd)		2,20
Tj = dual mode temperature under warmer climate conditions (COPd)		2,35
Tj = operating temperature limit under colder climate conditions (COPd)		1,82
Tj = operating temperature limit under average climate conditions (COPd)		2,03
Tj = operating temperature limit under warmer climate conditions (COPd)		2,35
For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (COPd)		1,81
Operating temperature limit of heating water under average climate conditions (WTOL)	°C	65
Power consumption, off-mode (Poff)	W	20
Power consumption, thermostat off-mode (PTO)	W	20
Power consumption, standby state (PSB)	W	20
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)	61
Sound power level, indoor	dB(A)	60
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	70865
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	44323
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	21600
Flow rate on heat source side	m^3/h	2