

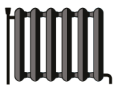


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WPL 47 Set A

STIEBEL ELTRON



55 °C

35 °C



A⁺

A⁺⁺



0 dB



69 dB

■ 31

■ 29

■ 25

kW

■ 30

■ 29

■ 27

kW



2019

811/2013

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

		WPL 47 Set A
		228836
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	29
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	29
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	111
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	149
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	20964
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	15805
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	31
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	30
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	25
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	27
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	99
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s)	%	124
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	106
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	145
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	29861
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	23368
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	12229
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	9746
Sound power level, outdoor	dB(A)	69



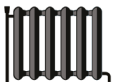
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WPL 47 Set A

STIEBEL ELTRON



A⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

A⁺

+



+



+



+



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

		WPL 47 Set A
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Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	149
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	%	114
Space heating energy efficiency of package under warmer climate conditions	%	127
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	3
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	10
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)

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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	31
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	29
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	25
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	22.4
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	22.7
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	26.1
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	25.8
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	25.0
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	27.1
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	26.8
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	26.2
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	26.7
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	26.6
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	26.5
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	21.4
Tj = dual mode temperature under average climate conditions (Pdh)	kW	23.2
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	25.0
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	19.3
Tj = operating temperature limit under average climate conditions (Pdh)	kW	22.1
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	25.0
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	21.5
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)	%	99
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	111
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	106
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		2.60
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2.33
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		3.09
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		2.78
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2.18
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		3.76
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		3.43

Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		2.81
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4.29
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		41.00
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		3.78
Tj = dual mode temperature under colder climate conditions (COPd)		2.50
Tj = dual mode temperature under average climate conditions (COPd)		2.41
Tj = dual mode temperature under warmer climate conditions (COPd)		2.18
Tj = operating temperature limit under colder climate conditions (COPd)		2.35
Tj = operating temperature limit under average climate conditions (COPd)		2.26
Tj = operating temperature limit under warmer climate conditions (COPd)		2.18
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		2.23
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	6.9
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	29861
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	20964
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	12229
Flow rate on heat source side	m3/h	7000
Special measures	Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung	