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WPF 04

**STIEBEL ELTRON**




55 °C


35 °C




**A<sup>++</sup>**

**A<sup>+++</sup>**

  
**43** dB

  
- dB

■ 5	■ 6
■ 4	■ 5
■ 4	■ 5
kW	kW



2019

811/2013

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

		<b>WPF 04</b>
		232909
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	4
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	5
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications ( $\eta_s$ )	%	128
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )	%	189
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	2583
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	2002
Sound power level, indoor	dB(A)	43
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	5
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	4
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	5
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications ( $\eta_s$ )	%	133
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications ( $\eta_s$ )	%	195
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications ( $\eta_s$ )	%	126
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications ( $\eta_s$ )	%	187
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3774
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	2888
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1690
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	1310
Sound power level, outdoor		-





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WPF 04

## STIEBEL ELTRON

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

		<b>WPF 04</b>
		232909
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )	%	189
Temperature control class		VII
Contribution of temperature control to space heating energy efficiency	%	3.5
Space heating energy efficiency of package under average climate conditions	%	132
Space heating energy efficiency of package under colder climate conditions	%	137
Space heating energy efficiency of package under warmer climate conditions	%	130
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	5
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	2
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)**

		<b>WPF 04</b>
		232909
Manufacturer		STIEBEL ELTRON
Heat source		Sole
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	5
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	4
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	4
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4.5
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	4.3
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4.6
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	4.5
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4.3
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4.7
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	4.6
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4.4
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4.7
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	4.7
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4.6
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	4.4
Tj = dual mode temperature under average climate conditions (Pdh)	kW	4.3
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	4.3
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	4.3
Tj = operating temperature limit under average climate conditions (Pdh)	kW	4.3
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	4.3
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	4.3
Dual mode temperature under colder climate conditions (Tbiv)	Grad C	-15
Dual mode temperature under average climate conditions (Tbiv)	Grad C	-10
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)	%	133
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	128
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	126
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3.3
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2.9
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		3.7
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		3.4
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2.7
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		4.1
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		3.7

Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3.1
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4.4
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		4.2
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		3.9
Tj = dual mode temperature under colder climate conditions (COPd)		3.1
Tj = dual mode temperature under average climate conditions (COPd)		2.7
Tj = dual mode temperature under warmer climate conditions (COPd)		2.7
Tj = operating temperature limit under colder climate conditions (COPd)		2.7
Tj = operating temperature limit under average climate conditions (COPd)		2.7
Tj = operating temperature limit under warmer climate conditions (COPd)		2.7
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		2.7
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	65
Operating temperature limit of heating water under warmer climate conditions (WTOL)		-
Power consumption, off-mode (Poff)	Watt	0
Power consumption, thermostat off-mode (PTO)	Watt	54
Power consumption, standby state (PSB)	Watt	9
Power consumption, operating state, with crankcase heating (PCK)	Watt	0
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		fest
Sound power level, outdoor		-
Sound power level, indoor	dB(A)	43
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3774
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	2583
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1690
Flow rate on heat source side	m <sup>3</sup> /h	1.1