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Y IJA  
IE IA

WPF 13 M

**STIEBEL ELTRON**





55 °C

35 °C




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

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

  
**53 dB**  
  
**0 dB**

■ 15	■ 16
■ 12	■ 13
■ 12	■ 13
kW	kW



2019

811/2013

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

		<b>WPF 13 M</b>
		182135
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	12
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	13
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications ( $\eta_s$ )	%	126
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )	%	197
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	7384
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	5233
Sound power level, indoor	dB(A)	53
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	15
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	16
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	12
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	13
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications ( $\eta_s$ )	%	132
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications ( $\eta_s$ )	%	204
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications ( $\eta_s$ )	%	128
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications ( $\eta_s$ )	%	201
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	10639
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	7468
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	4727
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	3324
Sound power level, outdoor	dB(A)	0



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WPF 13 M

## 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 13 M</b>
		182135
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )	%	197
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	%	130
Space heating energy efficiency of package under colder climate conditions	%	136
Space heating energy efficiency of package under warmer climate conditions	%	132
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	6
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 13 M</b>
		182135
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	15
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	12
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	12
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	12.4
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	12.1
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	12.6
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	12.4
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	12
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	12.8
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	12.6
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	12.3
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	13
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	12.9
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	12.7
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	12.3
Tj = dual mode temperature under average climate conditions (Pdh)	kW	12
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	12
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	12
Tj = operating temperature limit under average climate conditions (Pdh)	kW	12
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	12
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	12
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)	%	132
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	126
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	128
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)		2.8
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)		3.3
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2.6
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
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4.5
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
Tj = dual mode temperature under average climate conditions (COPd)		2.6
Tj = dual mode temperature under warmer climate conditions (COPd)		3.9
Tj = operating temperature limit under colder climate conditions (COPd)		2.6
Tj = operating temperature limit under average climate conditions (COPd)		2.6
Tj = operating temperature limit under warmer climate conditions (COPd)		2.6
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		2.6
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	0
Power consumption, thermostat off-mode (PTO)	Watt	3
Power consumption, standby state (PSB)	Watt	3
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	dB(A)	0
Sound power level, indoor	dB(A)	53
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	10639
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	7384
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	4727
Flow rate on heat source side	m <sup>3</sup> /h	3.1