ENERG Y IJA IE IA

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WPF 10

STIEBEL ELTRON

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

48 dB

- dB

■	12	13
■	**9**	**10**
■	9	10
	kW	kW

2019

811/2013

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

		WPF 10
		232912
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	9
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	10
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs)	%	137
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	216
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	5176
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	3799
Sound power level, indoor	dB(A)	48
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	12
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	13
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	9
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	10
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs)	%	144
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ɳs)	%	224
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs)	%	136
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ɳs)	%	215
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	7549
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	5457
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	3367
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	2466
Sound power level, outdoor		-

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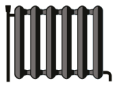
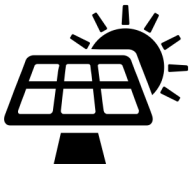
WPF 10

STIEBEL ELTRON



A++

+  ☐

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2015

811/2013

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

		WPF 10
		232912
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	216
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	%	141
Space heating energy efficiency of package under colder climate conditions	%	148
Space heating energy efficiency of package under warmer climate conditions	%	140
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	7
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	1
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)

		WPF 10
		232912
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	12
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	9
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	9
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	9.6
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	9.2
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	9.9
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	9.6
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	9.1
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	10.1
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	9.9
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	9.5
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	10.3
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	10.1
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	10
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	9.5
Tj = dual mode temperature under average climate conditions (Pdh)	kW	9.1
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	9.1
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	9.1
Tj = operating temperature limit under average climate conditions (Pdh)	kW	9.1
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	9.1
For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	9.1
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)	%	144
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	137
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	136
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3.5
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		3
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		4
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		3.6
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2.8
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		4.5
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		4

Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3.3
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		4.9
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		4.6
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		4.2
Tj = dual mode temperature under colder climate conditions (COPd)		3.3
Tj = dual mode temperature under average climate conditions (COPd)		2.8
Tj = dual mode temperature under warmer climate conditions (COPd)		2.8
Tj = operating temperature limit under colder climate conditions (COPd)		2.8
Tj = operating temperature limit under average climate conditions (COPd)		2.8
Tj = operating temperature limit under warmer climate conditions (COPd)		2.8
For air source heat pumps: Tj = -15 °C (if TOL< -20 °C) (COPd)		2.8
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	84
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)	48
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	7549
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	5176
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	3367
Flow rate on heat source side	m3/h	2.6