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WPE-I 04 HK 230 Premium

STIEBEL ELTRON



55 °C

35 °C



38 dB

0 dB

4 kW

4 kW

4 kW

2019

811/2013

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

		WPE-I 04 HK 230 Premium
		202615
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	4
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	153
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	195
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	1934
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	1723
Sound power level, indoor	dB(A)	38
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	4
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	4
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	4
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	157
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s)	%	201
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	147
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	187
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	2252
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	2000
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1300
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	1159
Sound power level, outdoor	dB(A)	0



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+		<input type="checkbox"/>
+		<input type="checkbox"/>
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Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	195
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	%	156
Space heating energy efficiency of package under colder climate conditions	%	160
Space heating energy efficiency of package under warmer climate conditions	%	150
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	4
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	6
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+++

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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	4
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	2.3
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	3.3
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	1.4
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	2
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	3.8
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	1.1
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	1.3
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	2.4
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	1.1
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	1.1
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	1.1
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	3.8
Tj = dual mode temperature under average climate conditions (Pdh)	kW	3.8
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	3.8
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	3.8
Tj = operating temperature limit under average climate conditions (Pdh)	kW	3.8
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	3.8
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)		-
Dual mode temperature under colder climate conditions (Tbiv)	Grad C	-22
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)	%	157
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	153
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	147
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)		3.6
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		4.4
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		4.2
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		3.4
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)		4.5

Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		4
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)		4.5
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		4.4
Tj = dual mode temperature under colder climate conditions (COPd)		3.4
Tj = dual mode temperature under average climate conditions (COPd)		3.4
Tj = dual mode temperature under warmer climate conditions (COPd)		3.4
Tj = operating temperature limit under colder climate conditions (COPd)		3.4
Tj = operating temperature limit under average climate conditions (COPd)		3.4
Tj = operating temperature limit under warmer climate conditions (COPd)		3.4
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		-
Operating temperature limit under colder climate conditions (TOL)	Grad C	-22
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	75
Operating temperature limit of heating water under average climate conditions (WTOL)	Grad C	75
Operating temperature limit of heating water under warmer climate conditions (WTOL)	Grad C	75
Power consumption, off-mode (Poff)	Watt	16
Power consumption, thermostat off-mode (PTO)	Watt	16
Power consumption, standby state (PSB)	Watt	16
Power consumption, operating state, with crankcase heating (PCK)	Watt	0
Rated heating output of auxiliary heater under colder climate conditions (PSUP)	kW	0
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	0
Rated heating output of auxiliary heater under warmer climate conditions (PSUP)	kW	0
Type of energy supply, auxiliary heater		elektrisch
Output control		veränderlich
Sound power level, outdoor	dB(A)	0
Sound power level, indoor	dB(A)	38
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	2252
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	1934
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1300
Flow rate on heat source side	m ³ /h	5
Special measures	Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung	