

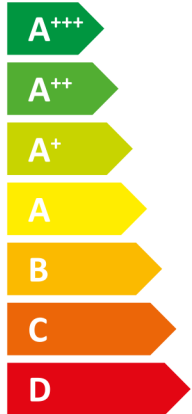
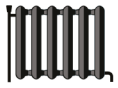


ENERG
енергия · ενεργεια

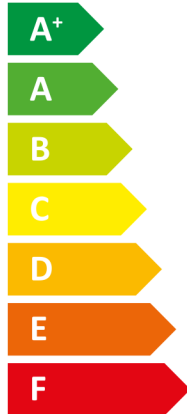
Y IJA
IE IA

STIEBEL ELTRON

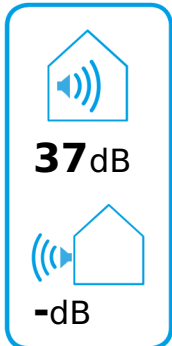
WPE-I 07.1 Plus HW
230



A+++



A+



2019

811/2013

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

		WPE-I 07.1 Plus HW 230
		207185
Manufacturer		STIEBEL ELTRON
Load profile		XL
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+++
Energy efficiency class, DHW heating under average climate conditions (A+++ -> D)		A+
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	7
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3271
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	2785
Annual power consumption under average climate conditions (AEC)	kWh	1272.000
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	154
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	200
Energy efficiency, DHW heating (η_{wh}), under average climate conditions	%	128
Sound power level, indoor	dB(A)	37
Option for operation only at off-peak times		x
Special measures		Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installations- und Montageanweisung
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	7
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	7
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3828
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	3168
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2083
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	1777
Annual power consumption under colder climate conditions (AEC)	kWh	1272.000
Annual power consumption under warmer climate conditions (AEC)	kWh	1272.000
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)	%	210
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	157
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	203
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	128
Energy efficiency, DHW heating (η_{wh}), warmer climates	%	128
Sound power level, outdoor		-



ENERG

енергия · ενεργεια



WPE-I 07.1 Plus HW 230

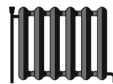
STIEBEL ELTRON



A⁺⁺⁺



A⁺



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

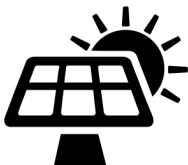
E

F

G

A⁺⁺⁺

+



+



+



+



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

A⁺

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

		WPE-I 07.1 Plus HW 230
		207185
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	154
Temperature control class		II
Contribution of temperature control to space heating energy efficiency	%	2
Space heating energy efficiency of package under average climate conditions	%	157
Space heating energy efficiency of package under colder climate conditions	%	160
Space heating energy efficiency of package under warmer climate conditions	%	160
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	%	3
Space heating energy efficiency class under average climate conditions, medium-temperature applications (A+++ -> D)		A+++
Space heating energy efficiency class of package under average climate conditions (A+++ -> D)		A+++
Energy efficiency class, DHW heating under average climate conditions (A+++ -> D)		A+
Load profile		XL

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

		WPE-I 07.1 Plus HW 230
		207185
Manufacturer		STIEBEL ELTRON
Heat source		Sole
Low temperature heat pump		-
With auxiliary heater		x
Combination heater with heat pump		x
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	6
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	3.9
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	5.7
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2.4
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	3.5
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	6.4
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2.0
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	2.2
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	4.1
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2.0
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	2.0
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	1.8
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	6.4
Tj = dual mode temperature under average climate conditions (Pdh)	kW	6.4
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	6.4
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	6.4
Tj = operating temperature limit under average climate conditions (Pdh)	kW	6.4
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	6.4
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)	%	154
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	157
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3.82
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		3.10
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		4.36
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		4.09
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2.82
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		5.63
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		4.73

Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		3.65
Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		5.69
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		5.61
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		5.21
Tj = dual mode temperature under colder climate conditions (COPd)		2.82
Tj = dual mode temperature under average climate conditions (COPd)		2.82
Tj = dual mode temperature under warmer climate conditions (COPd)		2.82
Tj = operating temperature limit under colder climate conditions (COPd)		2.82
Tj = operating temperature limit under average climate conditions (COPd)		2.82
Tj = operating temperature limit under warmer climate conditions (COPd)		2.82
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	70
Operating temperature limit of heating water under average climate conditions (WTOL)	Grad C	70
Operating temperature limit of heating water under warmer climate conditions (WTOL)	Grad C	70
Power consumption, off-mode (Poff)	Watt	17
Power consumption, thermostat off-mode (PTO)	Watt	19
Power consumption, standby state (PSB)	Watt	17
Power consumption, operating state, with crankcase heating (PCK)	Watt	0
Rated heating output of auxiliary heater under colder climate conditions (PSUP)	kW	0.0
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	0.0
Rated heating output of auxiliary heater under warmer climate conditions (PSUP)	kW	0.0
Type of energy supply, auxiliary heater		elektrisch
Output control		veränderlich
Sound power level, outdoor		-
Sound power level, indoor	dB(A)	37
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	3828
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3271
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2083
Flow rate on heat source side	m3/h	1
Load profile		XL
Daily power consumption under colder climate conditions (QELEC)	kWh	5.954
Daily power consumption under average climate conditions (QELEC)	kWh	5.954
Daily power consumption under warmer climate conditions (QELEC)	kWh	5.954
Annual power consumption under colder climate conditions (AEC)	kWh	1272.000
Annual power consumption under average climate conditions (AEC)	kWh	1272.000
Annual power consumption under warmer climate conditions (AEC)	kWh	1272.000
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ηs)	%	128
Energy efficiency, DHW heating (ηwh), under average climate conditions	%	128
Energy efficiency, DHW heating (ηwh), warmer climates	%	128
Special measures	Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung	