ENERGY

STIEBEL ELTRON

HPA-O 13.2 Plus HC 400

	55 °C	35 °C
	A+++	A+++

A+++
A++
A+
A
B
C
D

14
15
8
kW

14
15
8
kW

51 dB

2019

811/2013

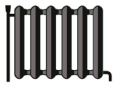
Product datasheet: Space heater to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

		HPA-O 13.2 Plus HC 400
		207435
Manufacturer		STIEBEL ELTRON
Space heating energy efficiency class under average climate conditions, medium-temperature applications		A+++
Energy efficiency class, space heating under average climate conditions, low-temperature applications		A+++
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	15
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	15
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ɳs)	%	157
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	193
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	7653
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	6159
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	14
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	14
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	8
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	8
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ɳs)	%	146
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (ɳs)	%	173
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ɳs)	%	183
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (ɳs)	%	255
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	9285
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	8075
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2337
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	1676
Sound power level, outdoor	dB(A)	51

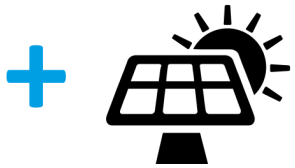
ENERGY

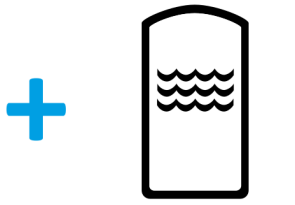
HPA-O 13.2 Plus HC 400

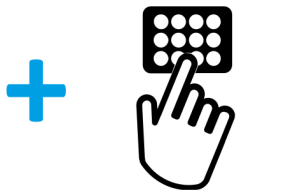
STIEBEL ELTRON

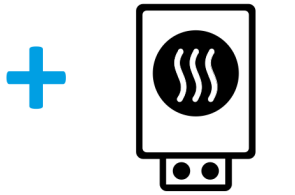


A+++









A+++

A+++

A++

A+

A

B

C

D

E

F

G

2015

811/2013

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

		HPA-O 13.2 Plus HC 400
		207435
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (ɳs)	%	193
Temperature control class		VI
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	161
Space heating energy efficiency of package under colder climate conditions	%	143
Space heating energy efficiency of package under warmer climate conditions	%	184
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	18
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	23
Energy efficiency class, space heating under average climate conditions, low-temperature applications		A+++
Space heating energy efficiency class of package under average climate conditions		A+++

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

		HPA-O 13.2 Plus HC 400
		207435
Manufacturer		STIEBEL ELTRON
Heat source		Luft
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	14
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	15
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	8
Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	8,6
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	13,2
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	5,3
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	8,0
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	8,1
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	5,1
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	5,1
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	5,3
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	5,9
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	5,9
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	5,8
Tj = dual mode temperature under colder climate conditions (Pdh)	kW	11,5
Tj = dual mode temperature under average climate conditions (Pdh)	kW	13,2
Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	8,1
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	9,7
Tj = operating temperature limit under average climate conditions (Pdh)	kW	12,4
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	8,1
Dual mode temperature under colder climate conditions (Tbiv)	°C	-15
Dual mode temperature under average climate conditions (Tbiv)	°C	-7
Dual mode temperature under warmer climate conditions (Tbiv)	°C	2
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)	%	146
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	157
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	183
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		3,17
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2,60
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		4,38
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		3,81
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2,89
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		5,60
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		5,37
Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)		4,12

Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		6,65
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		6,56
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		5,79
Tj = dual mode temperature under colder climate conditions (COPd)		2,40
Tj = dual mode temperature under average climate conditions (COPd)		2,60
Tj = dual mode temperature under warmer climate conditions (COPd)		2,89
Tj = operating temperature limit under colder climate conditions (COPd)		1,99
Tj = operating temperature limit under average climate conditions (COPd)		2,38
Tj = operating temperature limit under warmer climate conditions (COPd)		2,89
Operating temperature limit under colder climate conditions (TOL)	°C	-22
Operating temperature limit under average climate conditions (TOL)	°C	-10
Operating temperature limit under warmer climate conditions (TOL)	°C	2
Operating temperature limit of heating water under colder climate conditions (WTOL)	°C	75
Operating temperature limit of heating water under average climate conditions (WTOL)	°C	75
Operating temperature limit of heating water under warmer climate conditions (WTOL)	°C	75
Power consumption, off-mode (Poff)	W	13
Power consumption, thermostat off-mode (PTO)	W	18
Power consumption, standby state (PSB)	W	13
Power consumption, operating state, with crankcase heating (PCK)	W	0
Rated heating output of auxiliary heater under colder climate conditions (PSUP)	kW	4,4
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	2,4
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	dB(A)	51
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	9285
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	7653
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2337