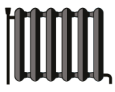




ENERGY

STIEBEL ELTRON

LWZ 07.1 Premium HKL
230



55 °C

35 °C



Two icons representing sound power levels: a speaker icon and a house icon with sound waves.

51 dB

56 dB

Two bar charts showing energy consumption in kW. Each chart has three bars: a dark blue bar labeled '7', a medium blue bar labeled '7', and a light blue bar labeled '4'. Below the charts is a map of Europe with shaded regions.

7 kW

7 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)

		LWZ 07.1 Premium HKL 230
		206284
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	7
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	7
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	128
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	165
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	4573
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	3551
Sound power level, indoor	dB(A)	51
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	7
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	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)	%	118
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s)	%	150
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	145
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	213
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	5646
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	4526
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1411
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	985
Sound power level, outdoor	dB(A)	56



ENERGY

LWZ 07.1 Premium HKL 230

STIEBEL ELTRON



A⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

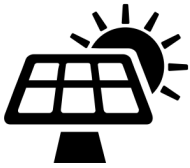
D

E

F

G

+



+



+



+



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

		LWZ 07.1 Premium HKL 230
		206284
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	165
Temperature control class		VI
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	132
Space heating energy efficiency of package under colder climate conditions	%	106
Space heating energy efficiency of package under warmer climate conditions	%	154
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	10
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	17
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)

		LWZ 07.1 Premium HKL 230
		206284
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	7
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	7
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	6.4
Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	6.4
Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	3.9
Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	3.9
Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	8.3
Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2.8
Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	2.4
Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	5.4
Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	3.2
Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	2.6
Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	3.2
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	8.3
Tj = operating temperature limit under colder climate conditions (Pdh)	kW	3
Tj = operating temperature limit under average climate conditions (Pdh)	kW	6
Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	8.3
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (Pdh)	kW	5.6
Dual mode temperature under colder climate conditions (Tbiv)	Grad C	-7
Dual mode temperature under average climate conditions (Tbiv)	Grad C	-7
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)	%	118
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)	%	128
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (ηs)	%	145
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)		2.5
Tj = -7 °C COP, partial load range under average climate conditions (COPd)		2.2
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		3.5
Tj = 2 °C COP, partial load range under average climate conditions (COPd)		3.1
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)		2.3
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)		4.7
Tj = 7 °C COP, partial load range under average climate conditions (COPd)		4.3

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)		5.7
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		5.2
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		5.1
Tj = dual mode temperature under colder climate conditions (COPd)		2.7
Tj = dual mode temperature under average climate conditions (COPd)		2.2
Tj = dual mode temperature under warmer climate conditions (COPd)		2.3
Tj = operating temperature limit under colder climate conditions (COPd)		1.5
Tj = operating temperature limit under average climate conditions (COPd)		2.1
Tj = operating temperature limit under warmer climate conditions (COPd)		2.3
For air source heat pumps: Tj = -15 °C (if TOL < -20 °C) (COPd)		2.1
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	63
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	19
Power consumption, thermostat off-mode (PTO)	Watt	15
Power consumption, standby state (PSB)	Watt	19
Power consumption, operating state, with crankcase heating (PCK)	Watt	2
Rated heating output of auxiliary heater under colder climate conditions (PSUP)	kW	3.9
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	1.2
Rated heating output of auxiliary heater under warmer climate conditions (PSUP)		-
Type of energy supply, auxiliary heater		elektrisch
Output control		veränderlich
Sound power level, outdoor	dB(A)	56
Sound power level, indoor	dB(A)	51
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	5646
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	4573
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	1411
Flow rate on heat source side		-
Special measures	Alle beim Zusammenbau, der Installation oder Wartung des Raumheizgerätes zu treffenden besonderen Vorkehrungen: Siehe Installation- und Montageanweisung	