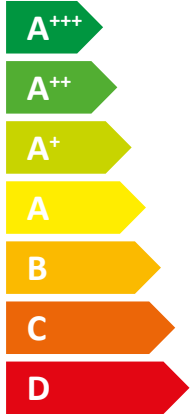


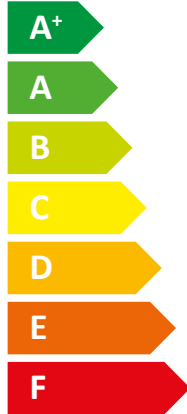


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**STIEBEL ELTRON** LWZ 304 Trend



A+



A

Two icons showing sound power levels. The top icon shows a speaker inside a house with the text '59 dB'. The bottom icon shows a speaker outside a house with the text '59 dB'.



Legend for power output levels: a dark blue square for 3,20 kW, a medium blue square for 4 kW, and a light blue square for 4 kW.

2019

811/2013

		<b>LWZ 304 Trend</b>
		233254
Manufacturer		STIEBEL ELTRON
Load profile		XL
Energy efficiency class for central heating in moderate climates for medium temperature applications		A+
Energy efficiency class for central heating in moderate climates for low temperature applications		A+
Energy efficiency category for DHW heating under moderate climatic conditions		A
Rated heating output in moderate climates for medium temperature applications	kW	3
Rated heating output in moderate climates for low temperature applications	kW	4
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	2320
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	2479
Energy consumption for DHW heating under moderate climatic conditions	kWh/a	1387
Energy efficiency for central heating in moderate climates for medium temperature applications	%	100
Energy efficiency for central heating in moderate climates for low temperature applications	%	136
Energy efficiency for DHW heating ( $\eta_{wh}$ ) under moderate climatic conditions	%	122
Sound power level internal	dB(A)	59
Rated heating output in colder climates for medium temperature applications	kW	3
Rated heating output in colder climates for low temperature applications	kW	3,20
Rated heating output in warmer climates for medium temperature applications	kW	3
Rated heating output in warmer climates for low temperature applications	kW	4
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	3152
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	3333
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	1499
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	1481
Energy consumption for DHW heating under colder climatic conditions	kWh/a	1766
Energy consumption for DHW heating under warmer climatic conditions	kWh/a	1284
Energy efficiency for central heating in colder climates for medium temperature applications	%	79
Energy efficiency for central heating in colder climates for low temperature applications	%	116
Energy efficiency for central heating in warmer climates for medium temperature applications	%	108
Energy efficiency for central heating in warmer climates for low temperature applications	%	152
Energy efficiency for DHW heating ( $\eta_{wh}$ ) under colder climatic conditions	%	96,38
Energy efficiency for DHW heating ( $\eta_{wh}$ ) under warmer climatic conditions	%	131,76
Sound power level external	dB(A)	59
Operation exclusively enabled during low load times		-



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**STIEBEL ELTRON**

LWZ 304 Trend

A+ A XL

A+++  
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**A**

**Product datasheet: Composite system consisting of room heater and temperature controller to regulation (EU) no. 811/2013**

		<b>LWZ 304 Trend</b>
		233254
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	100
Temperature controller class		VII
Contribution of temperature controller to room heating energy efficiency	%	3,50
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	21
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	8
Energy efficiency class for central heating in moderate climates for medium temperature applications		A+
Energy efficiency category for DHW heating under moderate climatic conditions		A
Load profile		XL

		<b>LWZ 304 Trend</b>
		233254
Manufacturer		STIEBEL ELTRON
Heat source		Outside air
Low temperature heat pump		-
With booster heater		x
Combi boiler with heat pump		x
Rated heating output in moderate climates for medium temperature applications	kW	3
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	1,90
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3,60
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	4,70
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	5,90
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	2,30
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	1,20
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	0,20
Dual mode temperature (Tbiv)	°C	-5
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		1,82
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		2,73
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		3,25
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		3,88
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,10
Tj = operating temperature limit under moderate climatic conditions (COPd)		1,36
For air/water heat pumps:Tj= -15 °C (if TOL< -20 °C) (COPd)		0,23
Heating water operating temperature limit (WTOL)	°C	0
Power consumption, OFF state (Poff)	W	12,000
Power consumption, thermostat OFF state (PTO)	W	82
Standby power consumption (PSB)	W	12,000
Power consumption, operating state, with crankcase heating (PCK)	W	12,000
Booster heater heating output (PSUB)	kW	1,660
Type of energy supply, booster heater		electric
Power control		Fixed
Sound power level external	dB(A)	59
Sound power level internal	dB(A)	59
Load profile		XL
Energy efficiency for DHW heating ( $\eta_{wh}$ ) under moderate climatic conditions	%	122