

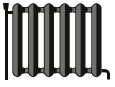


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**STIEBEL ELTRON**

LWZ 404 Trend



A+



A

Two icons showing sound power level. The top icon shows a radiator with sound waves and the text "60 dB". The bottom icon shows a water tap with sound waves and the text "60 dB".



Legend for power output with three colored squares: dark blue for "6,00 kW", medium blue for "6 kW", and light blue for "6 kW".

2019

811/2013

		<b>LWZ 404 Trend</b>
		233255
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	6
Rated heating output in moderate climates for low temperature applications	kW	6
Energy consumption of central heating in moderate climates for medium temperature applications	kWh/a	4052
Energy consumption for central heating under moderate climatic conditions, for low temperature applications	kWh/a	3674
Energy consumption for DHW heating under moderate climatic conditions	kWh/a	1723
Energy efficiency for central heating in moderate climates for medium temperature applications	%	115
Energy efficiency for central heating in moderate climates for low temperature applications	%	137
Energy efficiency for DHW heating ( $\eta_{wh}$ ) under moderate climatic conditions	%	98
Sound power level internal	dB(A)	60
Rated heating output in colder climates for medium temperature applications	kW	5
Rated heating output in colder climates for low temperature applications	kW	6,00
Rated heating output in warmer climates for medium temperature applications	kW	6
Rated heating output in warmer climates for low temperature applications	kW	6
Energy consumption for central heating under colder climatic conditions, for medium temperature applications	kWh/a	5155
Energy consumption for central heating under colder climatic conditions, for low temperature applications	kWh/a	4877
Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	2567
Energy consumption for central heating under warmer climatic conditions, for low temperature applications	kWh/a	2160
Energy consumption for DHW heating under colder climatic conditions	kWh/a	1984
Energy consumption for DHW heating under warmer climatic conditions	kWh/a	1591
Energy efficiency for central heating in colder climates for medium temperature applications	%	100
Energy efficiency for central heating in colder climates for low temperature applications	%	118
Energy efficiency for central heating in warmer climates for medium temperature applications	%	124
Energy efficiency for central heating in warmer climates for low temperature applications	%	155
Energy efficiency for DHW heating ( $\eta_{wh}$ ) under colder climatic conditions	%	85,2173913
Energy efficiency for DHW heating ( $\eta_{wh}$ ) under warmer climatic conditions	%	105,6695652
Sound power level external	dB(A)	60
Operation exclusively enabled during low load times		-



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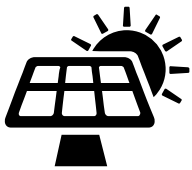
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**STIEBEL ELTRON**

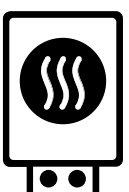
LWZ 404 Trend

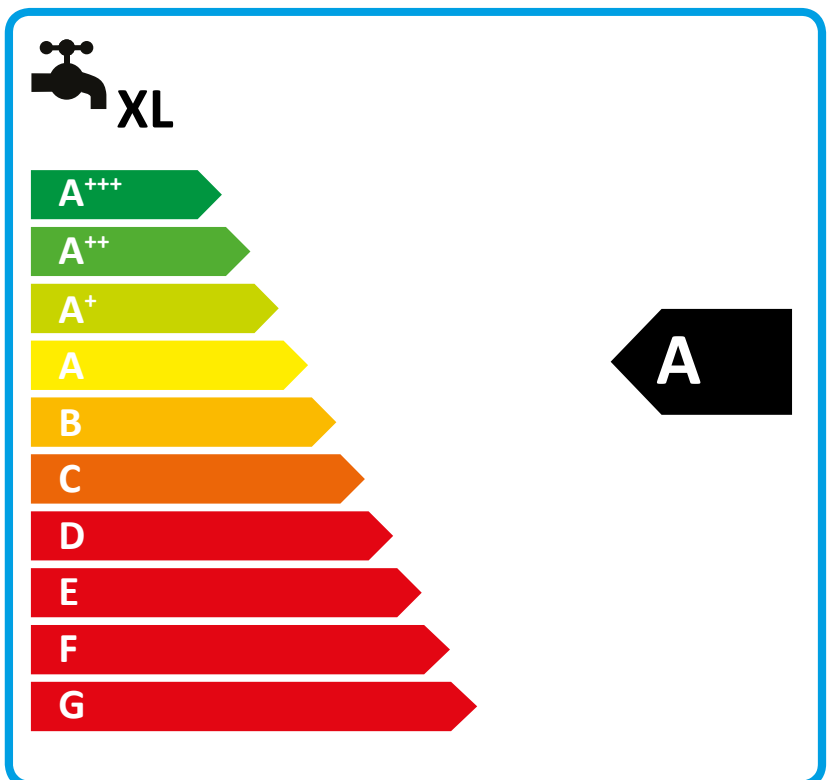
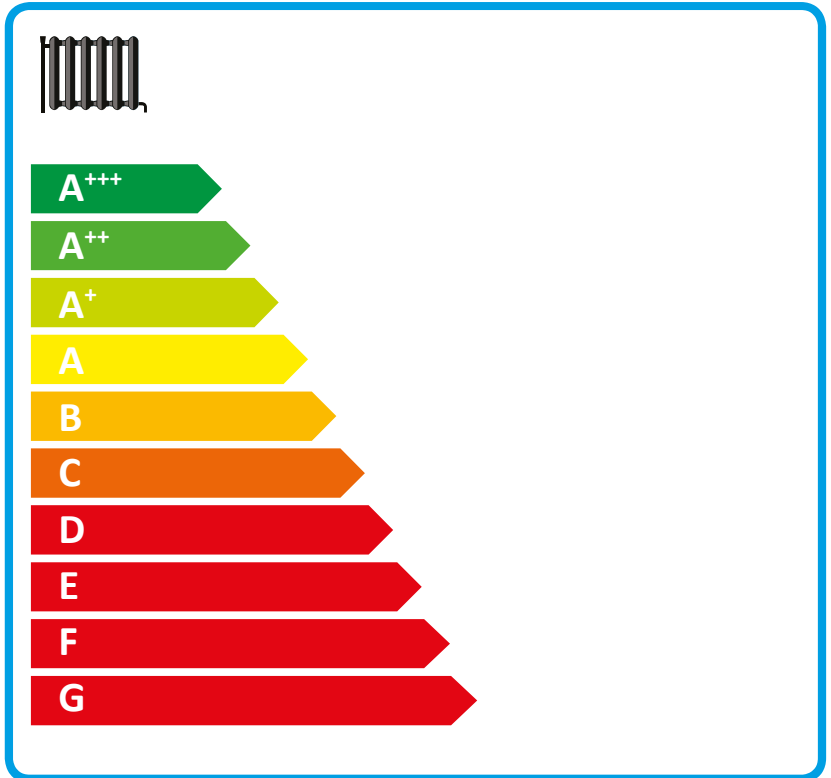




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**Product datasheet: Composite system consisting of room heater and temperature controller to regulation (EU) no. 811/2013**

		<b>LWZ 404 Trend</b>
		233255
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	115
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	%	15
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	17
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 404 Trend</b>
		233255
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	6
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	4,20
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,20
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7,30
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	8,80
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	4,70
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	3,50
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	2,20
Dual mode temperature (Tbiv)	°C	-5
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2,31
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,06
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		3,44
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		4,02
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,51
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,00
For air/water heat pumps:Tj= -15 °C (if TOL< -20 °C) (COPd)		1,42
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	2,320
Type of energy supply, booster heater		electric
Power control		Fixed
Sound power level external	dB(A)	60
Sound power level internal	dB(A)	60
Load profile		XL
Energy efficiency for DHW heating ( $\eta_{wh}$ ) under moderate climatic conditions	%	98