

**Product datasheet: Mechanical ventilation units to regulation (EU) no. 1254/2014 | 1253/2014**

		<b>LWZ 180 Balance Set 1</b>
		236881
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 180 balance set 1
Specific energy consumption in colder climates, control subject to on-site requirements	kWh/(m <sup>2</sup> p.a.)	-83.2
Specific energy consumption in average climates, control subject to on-site requirements	kWh/(m <sup>2</sup> p.a.)	-43.82
Specific energy consumption in warmer climates, control subject to on-site requirements	kWh/(m <sup>2</sup> p.a.)	-18.64
Energy efficiency class in colder climates, control subject to on-site requirements		A+
Energy efficiency class in average climates, control subject to on-site requirements		A+
Energy efficiency class in warmer climates, control subject to on-site requirements		E
Ventilation unit type		WLA, Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	89.3
Max. air flow rate	m <sup>3</sup> /h	250
Max. power consumption	W	74
Sound power level Lwa	dB(A)	43
Reference air flow rate	m <sup>3</sup> /s	0.04861
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0.19
Control factor, control subject to on-site requirements		0.65
Declared maximum internal leakage rates	%	0.63
Declared maximum external leakage rates	%	0.44
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		<a href="http://www.stiebel-eltron.com">www.stiebel-eltron.com</a>
Annual power consumption in colder climates with control subject to on-site requirements	kWh/a	683
Annual power consumption in average climates with control subject to on-site requirements	kWh/a	146
Annual power consumption in warmer climates with control subject to on-site requirements	kWh/a	101
Annual heating savings in colder climates with control subject to on-site requirements	kWh/a	9153
Annual heating savings in average climates with control subject to on-site requirements	kWh/a	4679
Annual heating savings in warmer climates with control subject to on-site requirements	kWh/a	2116