

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

		<b>LWZ 180</b>
		232361
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 180
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-80.31
Specific energy consumption in average climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-41.58
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-16.78
Energy efficiency class in colder climates, central demand-dependent control		A+
Energy efficiency class in average climates, central demand-dependent control		A
Energy efficiency class in warmer climates, central demand-dependent control		E
Ventilation unit type		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	65
Sound power level L <sub>wa</sub>	dB(A)	43
Reference air flow rate	m <sup>3</sup> /s	0.049
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0.18
Control factor, central demand-dependent control		0.85
Declared maximum internal leakage rates	%	0.63
Declared maximum external leakage rates	%	0.44
Filter change indicator		Visual filter change indicator integrated in display of the remote control
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 central demand-dependent control	kWh/a	754
Annual power consumption in average climates with central demand-dependent control	kWh/a	217
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	172
Annual heating savings in colder climates with central demand-dependent control	kWh/a	9020
Annual heating savings in average climates with central demand-dependent control	kWh/a	4611
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	2085