

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

		<b>VRC-W 450 E Premium</b>
		204941
Manufacturer		STIEBEL ELTRON
Specific energy consumption in colder climates, time control	kWh/(m <sup>2</sup> p.a.)	-71.91
Specific energy consumption in average climates, time control	kWh/(m <sup>2</sup> p.a.)	-37.07
Specific energy consumption in warmer climates, time control	kWh/(m <sup>2</sup> p.a.)	-14.49
Energy efficiency class in colder climates, time control		A+
Energy efficiency class in average climates, time control		A
Energy efficiency class in warmer climates, time control		E
Ventilation unit type		WLA, Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	77
Max. air flow rate	m <sup>3</sup> /h	450
Max. power consumption	W	116.5
Sound power level Lwa	dB(A)	49
Reference air flow rate	m <sup>3</sup> /s	0.087
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0.16
Control factor, time control		0,95
Declared maximum internal leakage rates	%	1,10
Declared maximum external leakage rates	%	0,78
Annual power consumption in colder climates with time control	kWh/a	763
Annual power consumption in average climates with time control	kWh/a	226
Annual power consumption in warmer climates with time control	kWh/a	181
Annual heating savings in colder climates with time control	kWh/a	8225
Annual heating savings in average climates with time control	kWh/a	4204
Annual heating savings in warmer climates with time control	kWh/a	1901