

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

		VRC-W 450 Premium
		204940
Manufacturer		STIEBEL ELTRON
Specific energy consumption in colder climates, control subject to on-site requirements	kWh/(m ² p.a.)	-83.49
Specific energy consumption in average climates, control subject to on-site requirements	kWh/(m ² p.a.)	-44.04
Specific energy consumption in warmer climates, control subject to on-site requirements	kWh/(m ² p.a.)	-18.81
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	%	89.7
Max. air flow rate	m ³ /h	450
Max. power consumption	W	131.9
Sound power level L _{wa}	dB(A)	49
Reference air flow rate	m ³ /s	0.087
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0.18
Control factor, control subject to on-site requirements		0.65
Declared maximum internal leakage rates	%	1,03
Declared maximum external leakage rates	%	0.78
Annual power consumption in colder climates with control subject to on-site requirements	kWh/a	677
Annual power consumption in average climates with control subject to on-site requirements	kWh/a	140
Annual power consumption in warmer climates with control subject to on-site requirements	kWh/a	95
Annual heating savings in colder climates with control subject to on-site requirements	kWh/a	9169
Annual heating savings in average climates with control subject to on-site requirements	kWh/a	4687
Annual heating savings in warmer climates with control subject to on-site requirements	kWh/a	2119