Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		VRC-W 450 E Premium
		204941
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-78,61
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-41,68
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-17,89
Energy efficiency class under colder climate conditions with control subject to on-site requirements		A+
Energy efficiency class under average climate conditions with control subject to on-site requirements		A
Energy efficiency class under warmer climate conditions with control subject to on-site requirements		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	77,0
Max. air flow rate	m³/h	450
Max. power consumption	W	120
Sound power level LWA	dB(A)	49
Reference air flow rate	m³/s	0,087
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,16
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	1,10
External air leakage quota	%	0,78
Filter change indicator		Visual filter change warning signal on the remote control display
Instructions for controllable outdoor air grilles with ELA		not applicable
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	667
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	130
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	85
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	8655
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4424
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2001