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

		VRL-W 100 P
		206649
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-82,33
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-40,52
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-16,57
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		D
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Regenerativ
Rate of temperature change for heat recovery	%	76,8
Max. air flow rate	m³/h	74
Max. power consumption	W	21
Sound power level LWA	dB(A)	53
Reference air flow rate	m³/s	0,014
Specific power input	W/(m³/h)	0,22
Control factor, control subject to on-site requirements		0,65
External air leakage quota	%	2,40
Filter change indicator		Visual display (on control/switch)
Instructions for controllable outdoor air grilles with ELA		not applicable
Sensitivity to pressure fluctuations	%	15.0
Airtightness between indoors and outdoors	m³/h	1,06
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	128
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	128
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	128
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9587
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4900
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2216