

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

		VRC-W 450 E Premium CN
		206746
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-71,93
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-36,81
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-14,06
Energy efficiency class under colder climate conditions with time control		A+
Energy efficiency class under average climate conditions with time control		A
Energy efficiency class under warmer climate conditions with time control		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	78,0
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)	0,18
Control factor, time control		0,95
Internal air leakage quota	%	2,00
External air leakage quota	%	2,50
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 time control	kWh/a	785
Annual power consumption under average climate conditions with time control	kWh/a	248
Annual power consumption under warmer climate conditions with time control	kWh/a	203
Annual heating savings under colder climate conditions with time control	kWh/a	8284
Annual heating savings under average climate conditions with time control	kWh/a	4235
Annual heating savings under warmer climate conditions with time control	kWh/a	1915