

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

		VRC-C 450 Trend
		205767
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-73.5
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-35.5
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-11.1
Energy efficiency class under colder climate conditions with manual control (A+ -> G)		A+
Energy efficiency class under average climate conditions with manual control (A+ -> G)		A
Energy efficiency class under warmer climate conditions with manual control (A+ -> G)		E
Ventilation unit type		Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	88.6
Max. air flow rate	m3/h	180
Max. power consumption	Watt	105
Sound power level LWA	dB(A)	33
Reference air flow rate	m3/s	0.1
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.3
Control factor, manual control		1,00
Internal air leakage quota	%	0.9
External air leakage quota	%	2.8
Mixing ratio		-
Filter change indicator		Optische Filterwechselanzeige im Display der Fernbedienung Achtung: Ein regelmäßiger Filterwechsel ist wichtig für eine hohe Energieeffizienz der Anlage
Instructions for controllable outdoor air grilles with ELA		entfällt
Sensitivity to pressure fluctuations		-
Airtightness between indoors and outdoors		-
Annual power consumption under colder climate conditions with manual control	kWh/a	958
Annual power consumption under average climate conditions with manual control	kWh/a	421
Annual power consumption under warmer climate conditions with manual control	kWh/a	376
Annual heating savings under colder climate conditions with manual control	kWh/a	8876
Annual heating savings under average climate conditions with manual control	kWh/a	4537
Annual heating savings under warmer climate conditions with manual control	kWh/a	2052