

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

		VRC-W 250 Premium
		205085
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-75.1
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-37.3
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-13.2
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		WLA, Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	87.5
Max. air flow rate	m3/h	250
Max. power consumption	Watt	170
Sound power level LWA	dB(A)	54
Reference air flow rate	m3/s	0.1
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.2
Control factor, manual control		1,00
Internal air leakage quota	%	0.8
External air leakage quota	%	0.6
Mixing ratio		-
Internet address		www.stiebel-eltron.com
Sensitivity to pressure fluctuations		-
Airtightness between indoors and outdoors		-
Annual power consumption under colder climate conditions with manual control	kWh/a	870
Annual power consumption under average climate conditions with manual control	kWh/a	333
Annual power consumption under warmer climate conditions with manual control	kWh/a	288
Annual heating savings under colder climate conditions with manual control	kWh/a	8814
Annual heating savings under average climate conditions with manual control	kWh/a	4505
Annual heating savings under warmer climate conditions with manual control	kWh/a	2037