

Product datasheet: Mechanical ventilation unit with central demand-dependent control to Regulation (EU) No. 1254/2014 | 1253/2014

		LWZ-W 450 Trend
		205074
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-77,93
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-39,70
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-15,17
Energy efficiency class under colder climate conditions with manual control		A+
Energy efficiency class under average climate conditions with manual control		A
Energy efficiency class under warmer climate conditions with manual control		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89,3
Max. air flow rate	m³/h	450
Max. power consumption	W	125
Sound power level LWA	dB(A)	50
Reference air flow rate	m³/s	0,087
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,18
Control factor, manual control		1,00
Internal air leakage quota	%	1,02
External air leakage quota	%	0,78
Annual power consumption under colder climate conditions with manual control	kWh/a	800
Annual power consumption under average climate conditions with manual control	kWh/a	263
Annual power consumption under warmer climate conditions with manual control	kWh/a	218
Annual heating savings under colder climate conditions with manual control	kWh/a	8920
Annual heating savings under average climate conditions with manual control	kWh/a	4560
Annual heating savings under warmer climate conditions with manual control	kWh/a	2062