

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 time control	kWh/(m²a)	-78,79
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-40,40
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-15,78
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	%	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, time control		0,95
Internal air leakage quota	%	1,02
External air leakage quota	%	0,78
Annual power consumption under colder climate conditions with time control	kWh/a	779
Annual power consumption under average climate conditions with time control	kWh/a	242
Annual power consumption under warmer climate conditions with time control	kWh/a	197
Annual heating savings under colder climate conditions with time control	kWh/a	8953
Annual heating savings under average climate conditions with time control	kWh/a	4577
Annual heating savings under warmer climate conditions with time control	kWh/a	2069