

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

		LWZ-W 450 E Trend
		205075
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-78,53
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-41,68
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-17,87
Energy efficiency class under colder climate conditions with control subject to on-site requirements		A+
Energy efficiency class under average climate conditions with control subject to on-site requirements		A
Energy efficiency class under warmer climate conditions with control subject to on-site requirements		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	76,8
Max. air flow rate	m³/h	450
Max. power consumption	W	116
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, control subject to on-site requirements		0,65
Internal air leakage quota	%	1,10
External air leakage quota	%	0,78
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	667
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	130
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	85
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	8647
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4420
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	1999