

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 central demand-dependent control	kWh/(m²a)	-74,14
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-38,65
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-15,70
Energy efficiency class under colder climate conditions with central demand-dependent control		A+
Energy efficiency class under average climate conditions with central demand-dependent control		A
Energy efficiency class under warmer climate conditions with central demand-dependent control		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, central demand-dependent control		0,85
Internal air leakage quota	%	1,10
External air leakage quota	%	0,78
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	727
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	190
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	145
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8358
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4272
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1934