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

		LWZ-W 450 E Premium
		204939
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-74,24
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-38,71
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-15,72
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		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	77,0
Max. air flow rate	m³/h	450
Max. power consumption	W	116
Sound power level LWA	dB(A)	49
Reference air flow rate	m³/s	0,087
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,16
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	1,10
External air leakage quota	%	0,78
Filter change indicator		Visual filter change warning signal on the remote control display. Please note: Regular filter changes are important for the energy efficiency of the system
Instructions for controllable outdoor air grilles with ELA		not applicable
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	8368
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4278
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1934