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

		LWZ 180
		232361
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-80,31
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-41,58
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-16,78
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		Zwei Richtungen
Drive type		Mehrstufig
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89,3
Max. air flow rate	m³/h	250
Max. power consumption	W	65
Sound power level LWA	dB(A)	43
Reference air flow rate	m³/s	0,049
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	%	0,63
External air leakage quota	%	0,44
Filter change indicator		Visual filter change warning signal on the remote control display. Please note that regular filter changes are important for good system energy efficiency
Instructions for controllable outdoor air grilles with ELA		not applicable
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	754
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	217
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	172
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	9020
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4611
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2085