

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

		LWE-W 100 P
		206648
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-81,22
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-37,69
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-12,75
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		Mehrstufig
Heat recovery type		Regenerativ
Rate of temperature change for heat recovery	%	88,0
Max. air flow rate	m³/h	100
Max. power consumption	W	60
Sound power level LWA	dB(A)	44
Reference air flow rate	m³/s	0,019
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,36
Control factor, central demand-dependent control		0,85
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
Sensitivity to pressure fluctuations	%	-20/17,8
Airtightness between indoors and outdoors	m³/h	2,10
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	313
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	313
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	313
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8905
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4552
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2058