

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

		LWE 40 KL
		208314
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-87,86
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-43,91
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-18,74
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		Regenerativ
Rate of temperature change for heat recovery	%	86,6
Max. air flow rate	m³/h	50
Max. power consumption	W	12
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,014
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,14
Control factor, control subject to on-site requirements		0,65
Sensitivity to pressure fluctuations	%	39 / 39
Airtightness between indoors and outdoors	m³/h	0,20
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	82
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	82
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	82
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	8990
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4595
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2078