



ENERGY

STIEBEL ELTRON

VLR 70 L Trend EU
sensors



53
dB

74 m³/h

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2016

1254/2014

Product datasheet: Mechanical ventilation units to regulation (EU) no. 1254/2014 | 1253/2014

		VLR 70 L Trend EU
		203133
Manufacturer		STIEBEL ELTRON
Specific energy consumption in colder climates, control subject to on-site requirements	kWh/(m ² p.a.)	-82.33
Specific energy consumption in average climates, control subject to on-site requirements	kWh/(m ² p.a.)	-40.52
Specific energy consumption in warmer climates, control subject to on-site requirements	kWh/(m ² p.a.)	-16.57
Energy efficiency class in colder climates, control subject to on-site requirements		A+
Energy efficiency class in average climates, control subject to on-site requirements		A
Energy efficiency class in warmer climates, control subject to on-site requirements		E
Ventilation unit type		WLA, Two directions
Drive type		Variable speed
Heat recovery method		Renewable
Rate of temperature change for heat recovery	%	76.80
Max. air flow rate	m ³ /h	74
Max. power consumption	W	21
Sound power level Lwa	dB(A)	53
Reference air flow rate	m ³ /s	0.01400
Reference pressure differential	Pa	0
Specific input	W/(m ³ /h)	0.22
Control factor, control subject to on-site requirements		0.65
Declared maximum internal leakage rates	%	0.00
Declared maximum external leakage rates	%	2.40
Mixing quota	%	0.00
Filter change indicator		Visual filter change indicator integrated in display of the remote control
Instructions for controllable outdoor air grilles with ELA		-
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	%	15.0
Internal and external air tightness	m ³ /h	1.06
Annual power consumption in colder climates with control subject to on-site requirements	kWh/a	128
Annual power consumption in average climates with control subject to on-site requirements	kWh/a	128
Annual power consumption in warmer climates with control subject to on-site requirements	kWh/a	128
Annual heating savings in colder climates with control subject to on-site requirements	kWh/a	8553
Annual heating savings in average climates with control subject to on-site requirements	kWh/a	4372
Annual heating savings in warmer climates with control subject to on-site requirements	kWh/a	1977