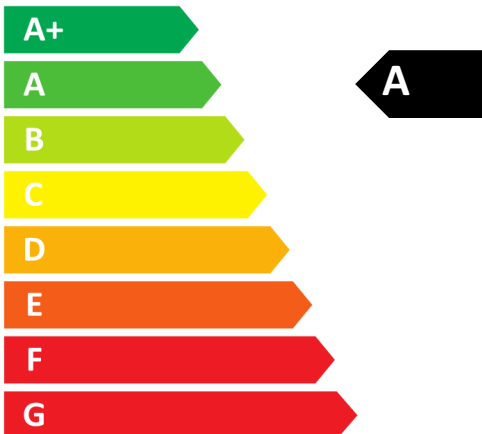




ENERGY

STIEBEL ELTRON

VLR 100 S Trend CN



51
dB

115 m³/h

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

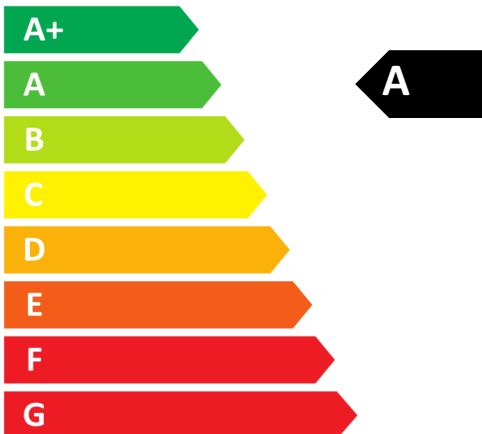
		VLR 100 S Trend CN
		202863
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-86,05
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-41,69
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-16,28
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	%	88,5
Max. air flow rate	m³/h	115
Max. power consumption	W	60
Sound power level LWA	dB(A)	51
Reference air flow rate	m³/s	0,022
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,26
Control factor, control subject to on-site requirements		0,65
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
Sensitivity to pressure fluctuations	%	23.4 / 23.4
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	188
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	188
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	188
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9074
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4639
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2097



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115 m³/h

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

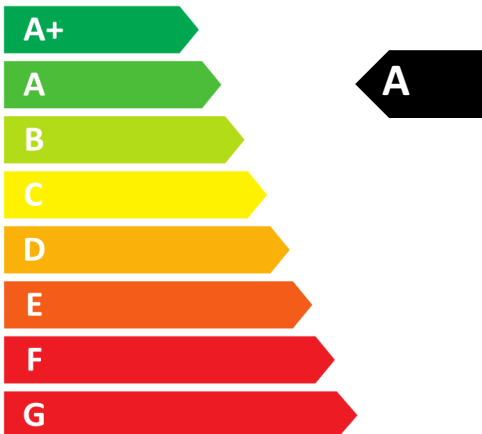
		VLR 100 S Trend CN
		202863
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-82,15
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-38,56
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-13,59
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		Drehzahl geregelt
Heat recovery type		Regenerativ
Rate of temperature change for heat recovery	%	88,5
Max. air flow rate	m³/h	115
Max. power consumption	W	60
Sound power level LWA	dB(A)	51
Reference air flow rate	m³/s	0,022
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,26
Control factor, central demand-dependent control		0,85
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
Sensitivity to pressure fluctuations	%	23.4 / 23.4
Airtightness between indoors and outdoors	m³/h	0,20
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	281
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	281
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	281
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8917
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4558
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2061



ENERGY

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VLR 100 S Trend CN



51
dB

115 m³/h

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

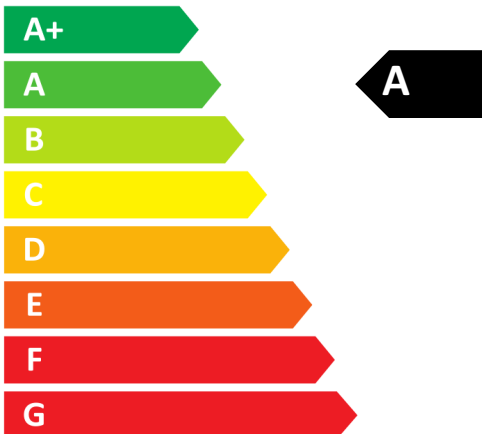
		VLR 100 S Trend CN
		202863
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-80,08
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-36,88
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-12,13
Energy efficiency class under colder climate conditions with time control		A+
Energy efficiency class under average climate conditions with time control		A
Energy efficiency class under warmer climate conditions with time control		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Regenerativ
Rate of temperature change for heat recovery	%	88,5
Max. air flow rate	m³/h	115
Max. power consumption	W	60
Sound power level LWA	dB(A)	51
Reference air flow rate	m³/s	0,022
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,26
Control factor, time control		0,95
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
Sensitivity to pressure fluctuations	%	23.4 / 23.4
Airtightness between indoors and outdoors	m³/h	0,20
Annual power consumption under colder climate conditions with time control	kWh/a	332
Annual power consumption under average climate conditions with time control	kWh/a	332
Annual power consumption under warmer climate conditions with time control	kWh/a	332
Annual heating savings under colder climate conditions with time control	kWh/a	8838
Annual heating savings under average climate conditions with time control	kWh/a	4518
Annual heating savings under warmer climate conditions with time control	kWh/a	2043



ENERGY

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51
dB

115 m³/h

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

		VLR 100 S Trend CN
		202863
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-79,03
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-36,02
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-11,38
Energy efficiency class under colder climate conditions with manual control		A+
Energy efficiency class under average climate conditions with manual control		A
Energy efficiency class under warmer climate conditions with manual control		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Regenerativ
Rate of temperature change for heat recovery	%	88,5
Max. air flow rate	m³/h	115
Max. power consumption	W	60
Sound power level LWA	dB(A)	51
Reference air flow rate	m³/s	0,022
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,26
Control factor, manual control		1,00
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
Sensitivity to pressure fluctuations	%	23.4 / 23.4
Airtightness between indoors and outdoors	m³/h	0,20
Annual power consumption under colder climate conditions with manual control	kWh/a	358
Annual power consumption under average climate conditions with manual control	kWh/a	358
Annual power consumption under warmer climate conditions with manual control	kWh/a	358
Annual heating savings under colder climate conditions with manual control	kWh/a	8798
Annual heating savings under average climate conditions with manual control	kWh/a	4497
Annual heating savings under warmer climate conditions with manual control	kWh/a	2034