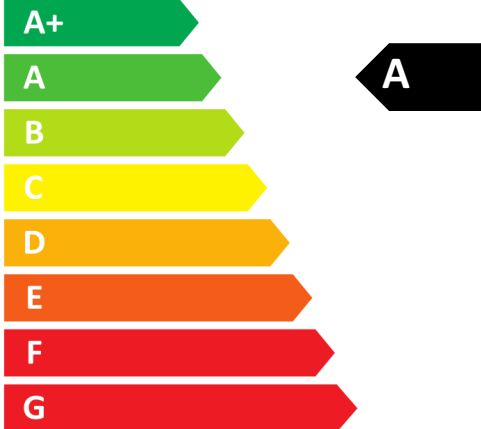




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STIEBEL ELTRON

VRC-W 450
Premium CN



49
dB



450 m³/h



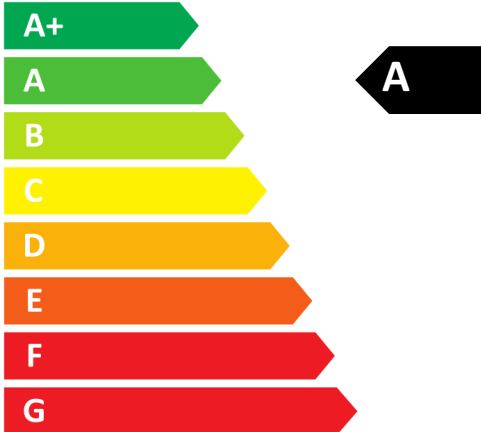
		VRC-W 450 Premium CN
		206745
Manufacturer		STIEBEL ELTRON
Energy efficiency class under average climate conditions with control subject to on-site requirements		A+
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	91,0
Max. air flow rate	m³/h	450
Max. power consumption	W	120
Sound power level LWA	dB(A)	49
Reference air flow rate	m³/s	0,087
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,18
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	2,00
External air leakage quota	%	2,50
Filter change indicator		Visual filter change warning signal on the remote control display



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450 m³/h



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2016 1254/2014

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

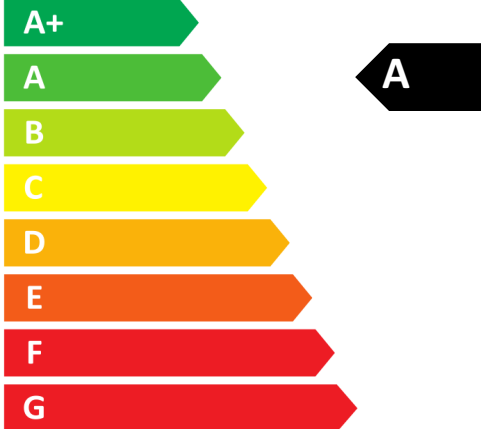
		VRC-W 450 Premium CN
		206745
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-78,56
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-39,92
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-15,16
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		Rekuperativ
Rate of temperature change for heat recovery	%	91,0
Max. air flow rate	m³/h	450
Max. power consumption	W	120
Sound power level LWA	dB(A)	49
Reference air flow rate	m³/s	0,087
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	%	2,00
External air leakage quota	%	2,50
Filter change indicator		Visual filter change warning signal on the remote control display
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	808
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	271
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	226
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	9004
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4603
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2081



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49
dB



450 m³/h



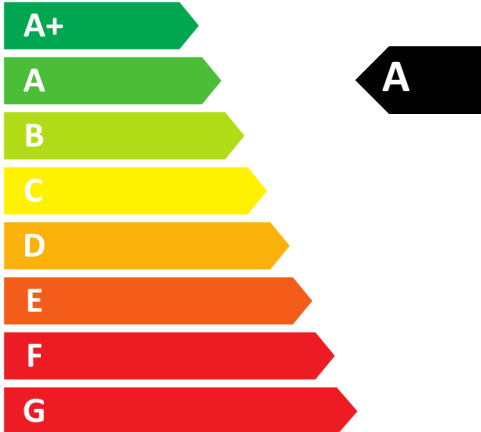
		VRC-W 450 Premium CN
		206745
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-76,47
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-38,16
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-13,59
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		Rekuperativ
Rate of temperature change for heat recovery	%	91,0
Max. air flow rate	m³/h	450
Max. power consumption	W	120
Sound power level LWA	dB(A)	49
Reference air flow rate	m³/s	0,087
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,18
Control factor, time control		0,95
Internal air leakage quota	%	2,00
External air leakage quota	%	2,50
Filter change indicator		Visual filter change warning signal on the remote control display
Annual power consumption under colder climate conditions with time control	kWh/a	865
Annual power consumption under average climate conditions with time control	kWh/a	328
Annual power consumption under warmer climate conditions with time control	kWh/a	283
Annual heating savings under colder climate conditions with time control	kWh/a	8935
Annual heating savings under average climate conditions with time control	kWh/a	4568
Annual heating savings under warmer climate conditions with time control	kWh/a	2065



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450 m³/h



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

		VRC-W 450 Premium CN
		206745
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-75,36
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-37,22
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-12,75
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		Rekuperativ
Rate of temperature change for heat recovery	%	91,0
Max. air flow rate	m³/h	450
Max. power consumption	W	120
Sound power level LWA	dB(A)	49
Reference air flow rate	m³/s	0,087
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,18
Control factor, manual control		1,00
Internal air leakage quota	%	2,00
External air leakage quota	%	2,50
Filter change indicator		Visual filter change warning signal on the remote control display
Annual power consumption under colder climate conditions with manual control	kWh/a	895
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	313
Annual heating savings under colder climate conditions with manual control	kWh/a	8901
Annual heating savings under average climate conditions with manual control	kWh/a	4550
Annual heating savings under warmer climate conditions with manual control	kWh/a	2057