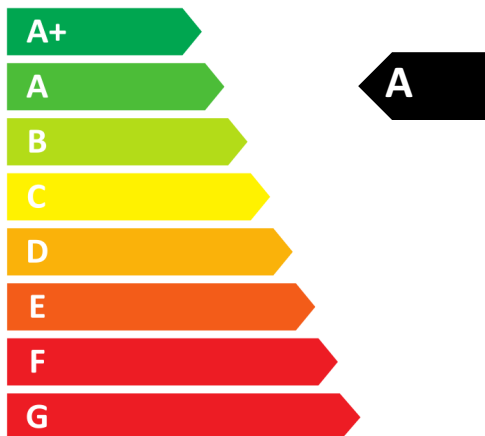




ENERGY

STIEBEL ELTRON

VRC-C 450 E Trend



33
dB

180 m³/h

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

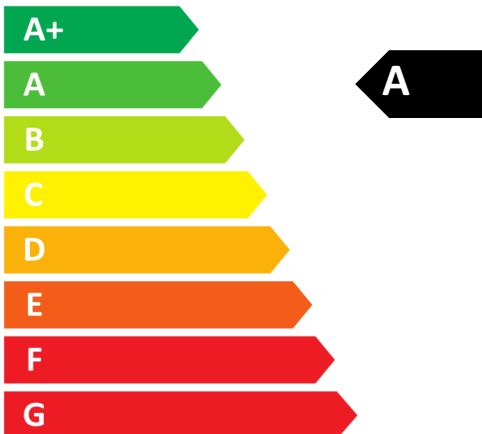
		VRC-C 450 E Trend
		205768
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-68,92
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-34,02
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-11,41
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		Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	77,2
Max. air flow rate	m³/h	180
Max. power consumption	W	105
Sound power level LWA	dB(A)	33
Reference air flow rate	m³/s	0,035
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,27
Control factor, time control		0,95
Internal air leakage quota	%	2,22
External air leakage quota	%	2,78
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
Annual power consumption under colder climate conditions with time control	kWh/a	887
Annual power consumption under average climate conditions with time control	kWh/a	350
Annual power consumption under warmer climate conditions with time control	kWh/a	305
Annual heating savings under colder climate conditions with time control	kWh/a	8237
Annual heating savings under average climate conditions with time control	kWh/a	4210
Annual heating savings under warmer climate conditions with time control	kWh/a	1904



ENERGY

STIEBEL ELTRON

VRC-C 450 E Trend



33
dB

180 m³/h

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

		VRC-C 450 E Trend
		205768
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-67,38
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-32,84
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-10,42
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		Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	77,2
Max. air flow rate	m³/h	180
Max. power consumption	W	105
Sound power level LWA	dB(A)	33
Reference air flow rate	m³/s	0,035
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,27
Control factor, manual control		1,00
Internal air leakage quota	%	2,22
External air leakage quota	%	2,78
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
Annual power consumption under colder climate conditions with manual control	kWh/a	920
Annual power consumption under average climate conditions with manual control	kWh/a	383
Annual power consumption under warmer climate conditions with manual control	kWh/a	338
Annual heating savings under colder climate conditions with manual control	kWh/a	8166
Annual heating savings under average climate conditions with manual control	kWh/a	4174
Annual heating savings under warmer climate conditions with manual control	kWh/a	1888