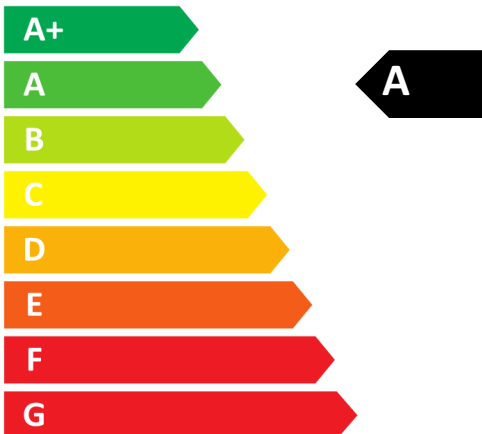




ENERGY

STIEBEL ELTRON

VRC-W 450 E
Premium CN



49
dB

450 m³/h

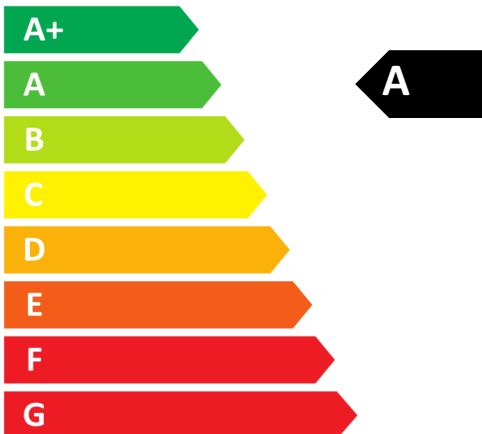
		VRC-W 450 E Premium CN
		206746
Manufacturer		STIEBEL ELTRON
Energy efficiency class under average climate conditions with control subject to on-site requirements		A
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	78,0
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



ENERGY

STIEBEL ELTRON

VRC-W 450 E
Premium CN



49
dB

450 m³/h

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

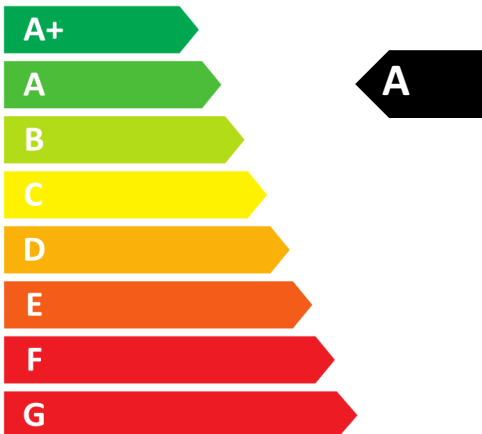
		VRC-W 450 E Premium CN
		206746
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-74,32
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-38,53
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-15,39
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		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	78,0
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	745
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	208
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	163
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8421
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4305
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1947



ENERGY

STIEBEL ELTRON

VRC-W 450 E
Premium CN



49
dB

450 m³/h

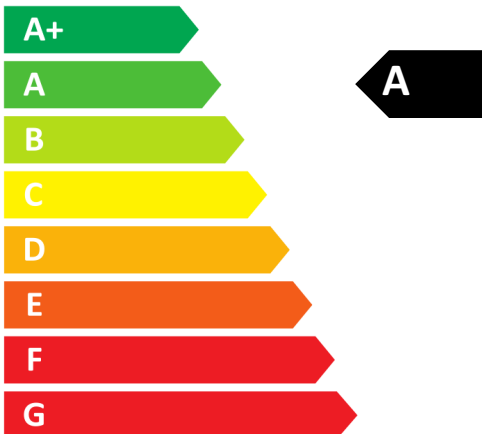
		VRC-W 450 E Premium CN
		206746
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-71,93
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-36,81
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-14,06
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	%	78,0
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	785
Annual power consumption under average climate conditions with time control	kWh/a	248
Annual power consumption under warmer climate conditions with time control	kWh/a	203
Annual heating savings under colder climate conditions with time control	kWh/a	8284
Annual heating savings under average climate conditions with time control	kWh/a	4235
Annual heating savings under warmer climate conditions with time control	kWh/a	1915



ENERGY

STIEBEL ELTRON

VRC-W 450 E
Premium CN



49
dB

450 m³/h

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

		VRC-W 450 E Premium CN
		206746
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-70,70
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-35,91
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-13,35
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	%	78,0
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	807
Annual power consumption under average climate conditions with manual control	kWh/a	270
Annual power consumption under warmer climate conditions with manual control	kWh/a	225
Annual heating savings under colder climate conditions with manual control	kWh/a	8216
Annual heating savings under average climate conditions with manual control	kWh/a	4200
Annual heating savings under warmer climate conditions with manual control	kWh/a	1899