



**ENERG** Y IJA  
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**STIEBEL ELTRON**

VRC-W 600 E  
Premium CN



54  
dB

600 m<sup>3</sup>/h

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

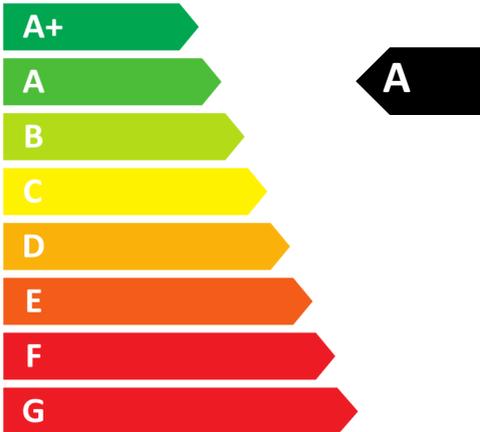
		<b>VRC-W 600 E Premium CN</b>
		206744
Manufacturer		STIEBEL ELTRON
Energy efficiency class under average climate conditions with control subject to on-site requirements		A
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	74,0
Max. air flow rate	m <sup>3</sup> /h	600
Max. power consumption	W	170
Sound power level LWA	dB(A)	54
Reference air flow rate	m <sup>3</sup> /s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m <sup>3</sup> /h)	0,25
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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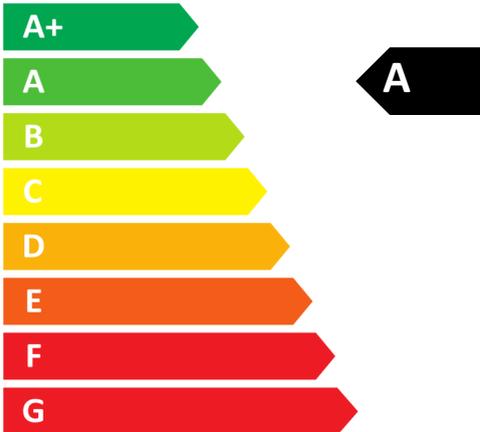
		<b>VRC-W 600 E Premium CN</b>
		206744
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m <sup>2</sup> a)	-70,62
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m <sup>2</sup> a)	-35,86
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m <sup>2</sup> a)	-13,32
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	%	74,0
Max. air flow rate	m <sup>3</sup> /h	600
Max. power consumption	W	170
Sound power level LWA	dB(A)	54
Reference air flow rate	m <sup>3</sup> /s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m <sup>3</sup> /h)	0,25
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	8209
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4196
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1898



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		<b>VRC-W 600 E Premium CN</b>
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Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m <sup>2</sup> a)	-67,59
Specific energy consumption under average climate conditions with time control	kWh/(m <sup>2</sup> a)	-33,62
Specific energy consumption under warmer climate conditions with time control	kWh/(m <sup>2</sup> a)	-11,54
Energy efficiency class under colder climate conditions with time control		A+
Energy efficiency class under average climate conditions with time control		B
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	%	74,0
Max. air flow rate	m <sup>3</sup> /h	600
Max. power consumption	W	170
Sound power level LWA	dB(A)	54
Reference air flow rate	m <sup>3</sup> /s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m <sup>3</sup> /h)	0,25
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	8047
Annual heating savings under average climate conditions with time control	kWh/a	4114
Annual heating savings under warmer climate conditions with time control	kWh/a	1860



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		<b>VRC-W 600 E Premium CN</b>
		206744
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m <sup>2</sup> a)	-66,01
Specific energy consumption under average climate conditions with manual control	kWh/(m <sup>2</sup> a)	-32,44
Specific energy consumption under warmer climate conditions with manual control	kWh/(m <sup>2</sup> a)	-10,58
Energy efficiency class under colder climate conditions with manual control		A+
Energy efficiency class under average climate conditions with manual control		B
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	%	74,0
Max. air flow rate	m <sup>3</sup> /h	600
Max. power consumption	W	170
Sound power level LWA	dB(A)	54
Reference air flow rate	m <sup>3</sup> /s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m <sup>3</sup> /h)	0,25
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	7966
Annual heating savings under average climate conditions with manual control	kWh/a	4072
Annual heating savings under warmer climate conditions with manual control	kWh/a	1841