



# ENERGY

**STIEBEL ELTRON**

VCR 350 ECN



48  
dB

350 m<sup>3</sup>/h

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

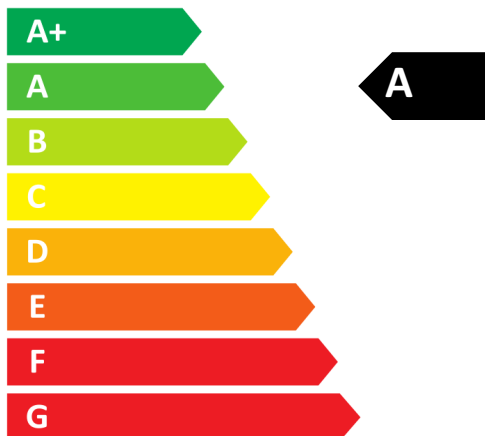
		<b>VCR 350 ECN</b>
		239548
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-79,10
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-40,63
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-15,98
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		Zwei Richtungen
Drive type		Mehrstufig
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
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 central demand-dependent control	kWh/a	790
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	253
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	208
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8967
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4584
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2073



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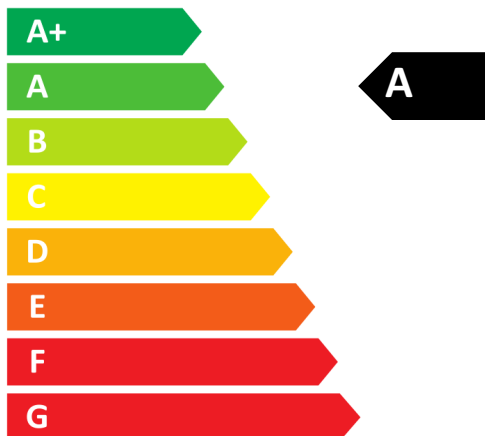
		<b>VCR 350 ECN</b>
		239548
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-76,62
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-38,51
Specific energy consumption under warmer climate conditions 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		Zwei Richtungen
Drive type		Mehrstufig
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, time control		0,95
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
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	842
Annual power consumption under average climate conditions with time control	kWh/a	305
Annual power consumption under warmer climate conditions with time control	kWh/a	260
Annual heating savings under colder climate conditions with time control	kWh/a	8894
Annual heating savings under average climate conditions with time control	kWh/a	4546
Annual heating savings under warmer climate conditions with time control	kWh/a	2056



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		VCR 350 ECN
		239548
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-75,55
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-37,62
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-13,27
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		Mehrstufig
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, manual control		1,00
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
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	870
Annual power consumption under average climate conditions with manual control	kWh/a	333
Annual power consumption under warmer climate conditions with manual control	kWh/a	288
Annual heating savings under colder climate conditions with manual control	kWh/a	8857
Annual heating savings under average climate conditions with manual control	kWh/a	4528
Annual heating savings under warmer climate conditions with manual control	kWh/a	2047