



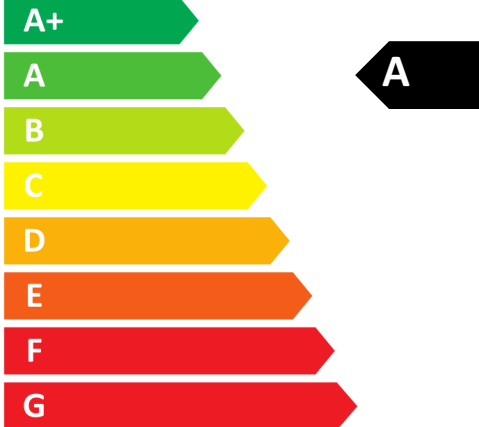
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**STIEBEL ELTRON**

LWZ 170 E Plus



44  
dB



300 m<sup>3</sup>/h



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI  
2016 1254/2014

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

		<b>LWZ 170 E Plus</b>
		233850
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-81,60
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-42,88
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-18,07
Energy efficiency class under colder climate conditions with control subject to on-site requirements		A+
Energy efficiency class under average climate conditions with control subject to on-site requirements		A
Energy efficiency class under warmer climate conditions with control subject to on-site requirements		E
Ventilation unit type		Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	86,0
Max. air flow rate	m³/h	300
Max. power consumption	W	92
Sound power level LWA	dB(A)	44
Reference air flow rate	m³/s	0,058
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	14,30
External air leakage quota	%	14,30
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 control subject to on-site requirements	kWh/a	753
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	216
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	171
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9019
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4621
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2085

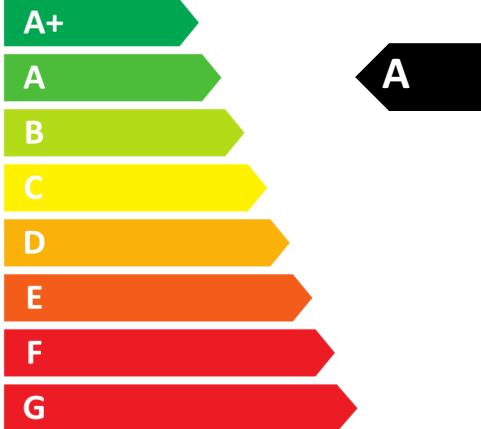


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		<b>LWZ 170 E Plus</b>
		233850
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-77,88
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-40,01
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-15,69
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		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	86,0
Max. air flow rate	m³/h	300
Max. power consumption	W	92
Sound power level LWA	dB(A)	44
Reference air flow rate	m³/s	0,058
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	%	14,30
External air leakage quota	%	14,30
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	806
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	269
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	224
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	9019
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4521
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2085



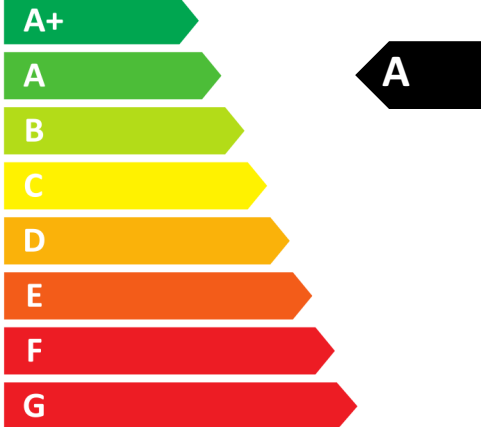
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		<b>LWZ 170 E Plus</b>
		233850
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-75,82
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-38,38
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-14,31
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		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	86,0
Max. air flow rate	m³/h	300
Max. power consumption	W	92
Sound power level LWA	dB(A)	44
Reference air flow rate	m³/s	0,058
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, time control		0,95
Internal air leakage quota	%	14,30
External air leakage quota	%	14,30
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	832
Annual power consumption under average climate conditions with time control	kWh/a	295
Annual power consumption under warmer climate conditions with time control	kWh/a	250
Annual heating savings under colder climate conditions with time control	kWh/a	8758
Annual heating savings under average climate conditions with time control	kWh/a	4477
Annual heating savings under warmer climate conditions with time control	kWh/a	2024

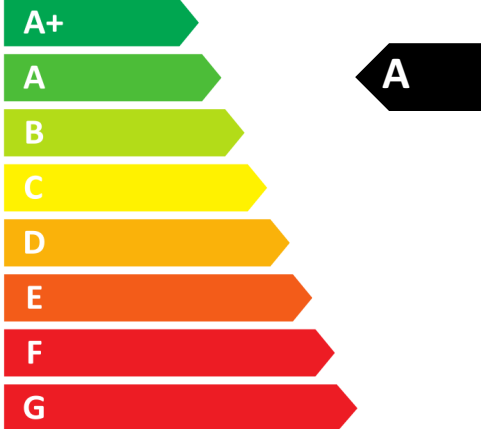


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		<b>LWZ 170 E Plus</b>
		233850
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-74,75
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-37,52
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-13,57
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	%	86,0
Max. air flow rate	m³/h	300
Max. power consumption	W	92
Sound power level LWA	dB(A)	44
Reference air flow rate	m³/s	0,058
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, manual control		1,00
Internal air leakage quota	%	14,30
External air leakage quota	%	14,30
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	845
Annual power consumption under average climate conditions with manual control	kWh/a	308
Annual power consumption under warmer climate conditions with manual control	kWh/a	263
Annual heating savings under colder climate conditions with manual control	kWh/a	8714
Annual heating savings under average climate conditions with manual control	kWh/a	4454
Annual heating savings under warmer climate conditions with manual control	kWh/a	2014