



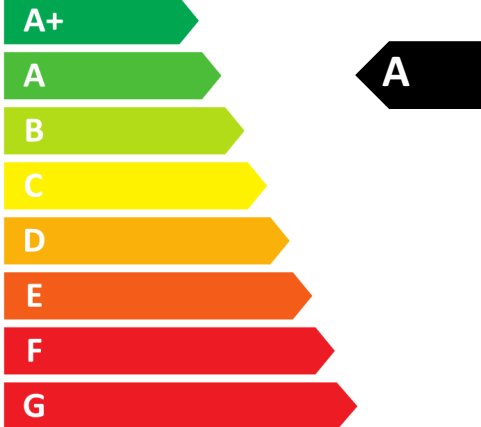
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STIEBEL ELTRON

LWZ-W 600 E Trend



54
dB



600 m³/h



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

		LWZ-W 600 E Trend
		205073
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m2a)	-76.50
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m2a)	-40.34
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m2a)	-16.99
Energy efficiency class under colder climate conditions with control subject to on-site requirements (A+ -> G)		A+
Energy efficiency class under average climate conditions with control subject to on-site requirements (A+ -> G)		A
Energy efficiency class under warmer climate conditions with control subject to on-site requirements (A+ -> G)		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	73.1
Max. air flow rate	m3/h	600
Max. power consumption	Watt	208
Sound power level LWA	dB(A)	54
Reference air flow rate	m3/s	0.117
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.24
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	0.82
External air leakage quota	%	0.59
Mixing ratio		-
Internet address		www.stiebel-eltron.com
Sensitivity to pressure fluctuations		-
Airtightness between indoors and outdoors		-
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	688
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	151
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	106
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	8497
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4343
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	1964



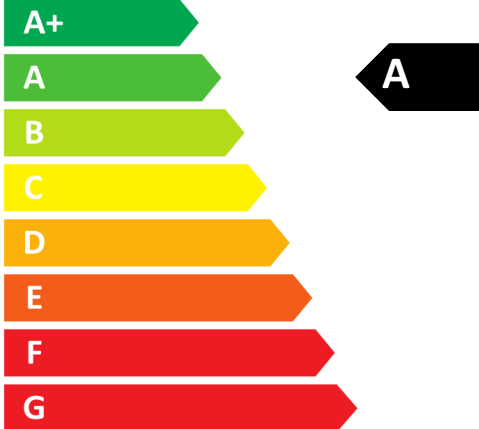
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		LWZ-W 600 E Trend
		205073
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-71.27
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-36.75
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-14.34
Energy efficiency class under colder climate conditions with central demand-dependent control (A+ -> G)		A+
Energy efficiency class under average climate conditions with central demand-dependent control (A+ -> G)		A
Energy efficiency class under warmer climate conditions with central demand-dependent control (A+ -> G)		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	73.1
Max. air flow rate	m3/h	600
Max. power consumption	Watt	208
Sound power level LWA	dB(A)	54
Reference air flow rate	m3/s	0.117
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.24
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0.82
External air leakage quota	%	0.59
Mixing ratio		-
Internet address		www.stiebel-eltron.com
Sensitivity to pressure fluctuations		-
Airtightness between indoors and outdoors		-
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	763
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	226
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	181
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8162
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4172
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1887



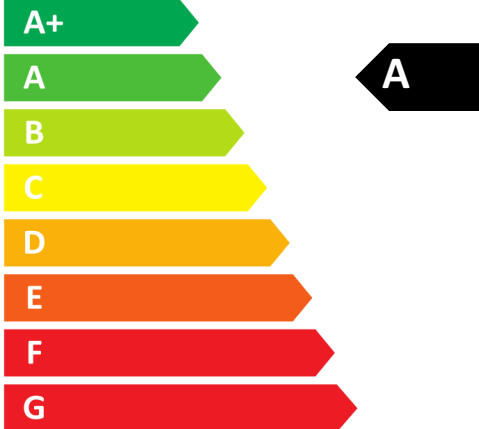
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600 m³/h



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

		LWZ-W 600 E Trend
		205073
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-68.47
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-34.76
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-12.83
Energy efficiency class under colder climate conditions with time control (A+ -> G)		A+
Energy efficiency class under average climate conditions with time control (A+ -> G)		A
Energy efficiency class under warmer climate conditions with time control (A+ -> G)		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	73.1
Max. air flow rate	m3/h	600
Max. power consumption	Watt	208
Sound power level LWA	dB(A)	54
Reference air flow rate	m3/s	0.117
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.24
Control factor, time control		0,95
Internal air leakage quota	%	0.82
External air leakage quota	%	0.59
Mixing ratio		-
Internet address		www.stiebel-eltron.com
Sensitivity to pressure fluctuations		-
Airtightness between indoors and outdoors		-
Annual power consumption under colder climate conditions with time control	kWh/a	808
Annual power consumption under average climate conditions with time control	kWh/a	271
Annual power consumption under warmer climate conditions with time control	kWh/a	226
Annual heating savings under colder climate conditions with time control	kWh/a	7994
Annual heating savings under average climate conditions with time control	kWh/a	4086
Annual heating savings under warmer climate conditions with time control	kWh/a	1848



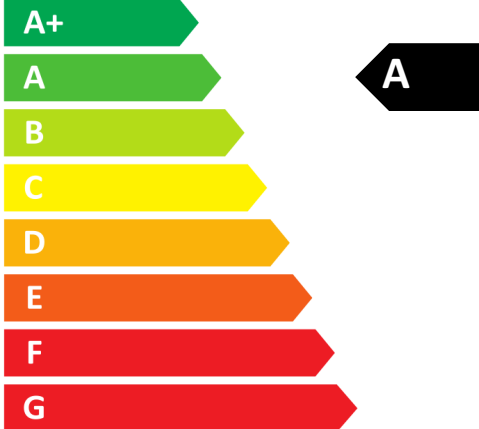
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		LWZ-W 600 E Trend
		205073
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-67.02
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-33.72
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-12.02
Energy efficiency class under colder climate conditions with manual control (A+ -> G)		A+
Energy efficiency class under average climate conditions with manual control (A+ -> G)		B
Energy efficiency class under warmer climate conditions with manual control (A+ -> G)		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	73.1
Max. air flow rate	m3/h	600
Max. power consumption	Watt	208
Sound power level LWA	dB(A)	54
Reference air flow rate	m3/s	0.117
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.24
Control factor, manual control		1,00
Internal air leakage quota	%	0.82
External air leakage quota	%	0.59
Mixing ratio		-
Internet address		www.stiebel-eltron.com
Sensitivity to pressure fluctuations		-
Airtightness between indoors and outdoors		-
Annual power consumption under colder climate conditions with manual control	kWh/a	833
Annual power consumption under average climate conditions with manual control	kWh/a	296
Annual power consumption under warmer climate conditions with manual control	kWh/a	251
Annual heating savings under colder climate conditions with manual control	kWh/a	7910
Annual heating savings under average climate conditions with manual control	kWh/a	4044
Annual heating savings under warmer climate conditions with manual control	kWh/a	1828