

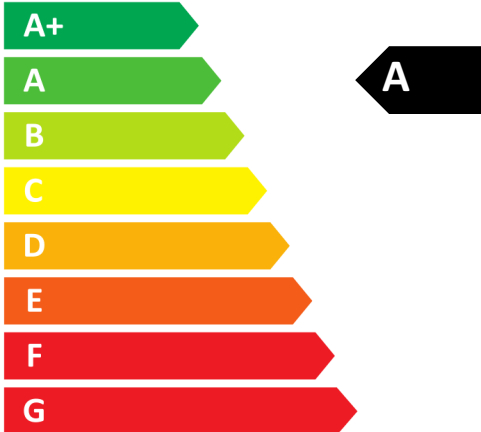


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STIEBEL ELTRON

LWZ-W 600
Premium



54
dB



600 m³/h



		LWZ-W 600 Premium
		204712
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m2a)	-81.98
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m2a)	-42.94
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m2a)	-17.95
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	%	87.5
Max. air flow rate	m3/h	600
Max. power consumption	Watt	252
Sound power level LWA	dB(A)	54
Reference air flow rate	m3/s	0.117
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.23
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	0.78
External air leakage quota	%	0.59
Mixing ratio		-
Filter change indicator		Optische Filterwechselanzeige im Display der Fernbedienung. Achtung: Ein regelmäßiger Filterwechsel ist wichtig für eine hohe Energieeffizienz der Anlage
Internet address		www.stiebel-eltron.com
Instructions for controllable outdoor air grilles with ELA		entfällt
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	704
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	167
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	122
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9084
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4644
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2100

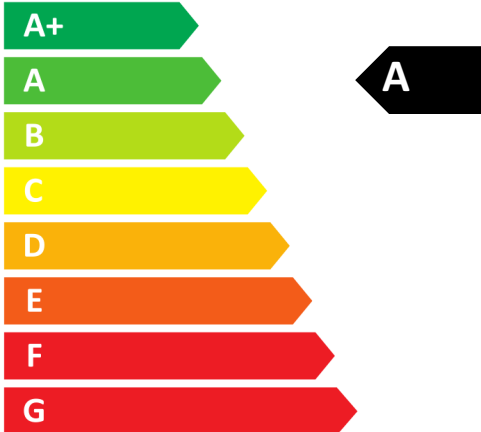


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600 m³/h



		LWZ-W 600 Premium
		204712
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-78.27
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-39.99
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-15.44
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		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	87.5
Max. air flow rate	m3/h	600
Max. power consumption	Watt	252
Sound power level LWA	dB(A)	54
Reference air flow rate	m3/s	0.117
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.23
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0.78
External air leakage quota	%	0.59
Mixing ratio		-
Filter change indicator		Optische Filterwechselanzeige im Display der Fernbedienung. Achtung: Ein regelmäßiger Filterwechsel ist wichtig für eine hohe Energieeffizienz der Anlage
Internet address		www.stiebel-eltron.com
Instructions for controllable outdoor air grilles with ELA		entfällt
Sensitivity to pressure fluctuations		-
Airtightness between indoors and outdoors		-
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	8930
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4565
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2064

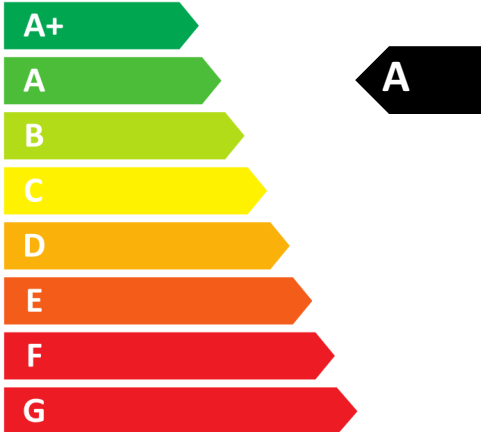


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54
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600 m³/h



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

		LWZ-W 600 Premium
		204712
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-76.20
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-38.30
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-13.96
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	%	87.5
Max. air flow rate	m3/h	600
Max. power consumption	Watt	252
Sound power level LWA	dB(A)	54
Reference air flow rate	m3/s	0.117
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.23
Control factor, time control		0,95
Internal air leakage quota	%	0.78
External air leakage quota	%	0.59
Mixing ratio		-
Filter change indicator		Optische Filterwechselanzeige im Display der Fernbedienung. Achtung: Ein regelmäßiger Filterwechsel ist wichtig für eine hohe Energieeffizienz der Anlage
Internet address		www.stiebel-eltron.com
Instructions for controllable outdoor air grilles with ELA		entfällt
Sensitivity to pressure fluctuations		-
Airtightness between indoors and outdoors		-
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	8852
Annual heating savings under average climate conditions with time control	kWh/a	4525
Annual heating savings under warmer climate conditions with time control	kWh/a	2046

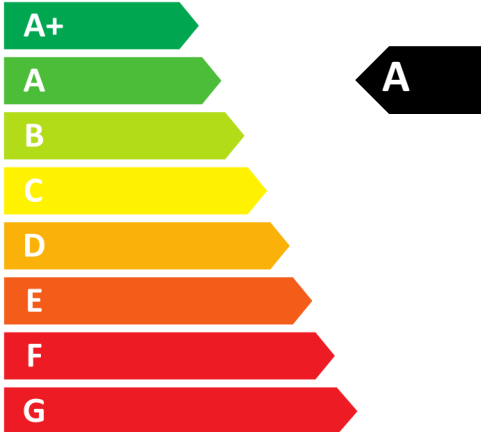


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600 m³/h



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

		LWZ-W 600 Premium
		204712
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-75.12
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-37.27
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-13.17
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)		A
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	%	87.5
Max. air flow rate	m3/h	600
Max. power consumption	Watt	252
Sound power level LWA	dB(A)	54
Reference air flow rate	m3/s	0.117
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.23
Control factor, manual control		1,00
Internal air leakage quota	%	0.78
External air leakage quota	%	0.59
Mixing ratio		-
Filter change indicator		Optische Filterwechselanzeige im Display der Fernbedienung. Achtung: Ein regelmäßiger Filterwechsel ist wichtig für eine hohe Energieeffizienz der Anlage
Internet address		www.stiebel-eltron.com
Instructions for controllable outdoor air grilles with ELA		entfällt
Sensitivity to pressure fluctuations		-
Airtightness between indoors and outdoors		-
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	8814
Annual heating savings under average climate conditions with manual control	kWh/a	4505
Annual heating savings under warmer climate conditions with manual control	kWh/a	2037