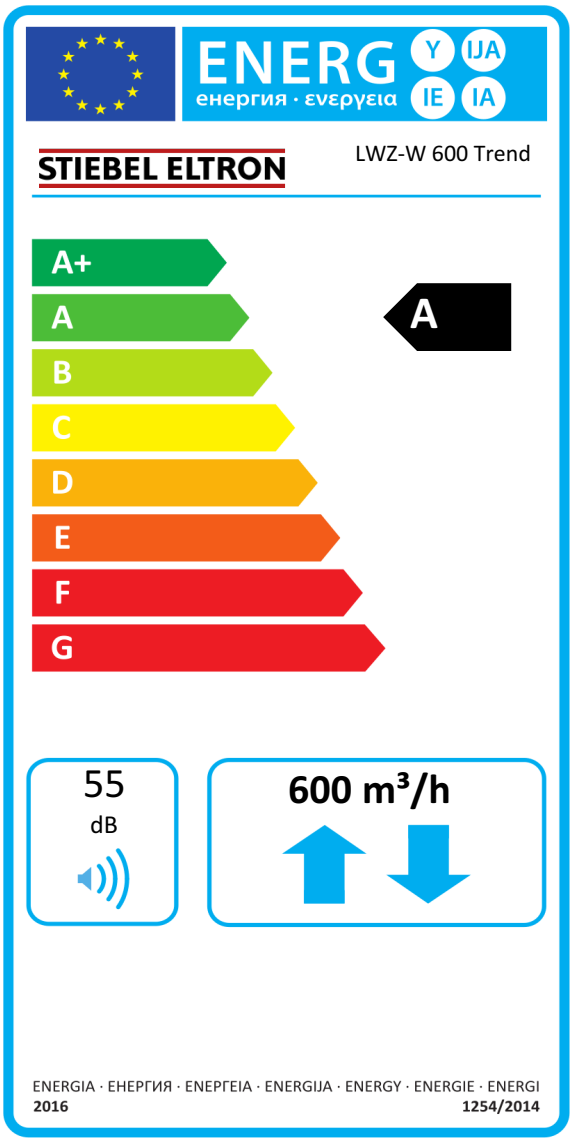
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STIEBEL ELTRON
LWZ-W 600 Trend
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600 m³/h
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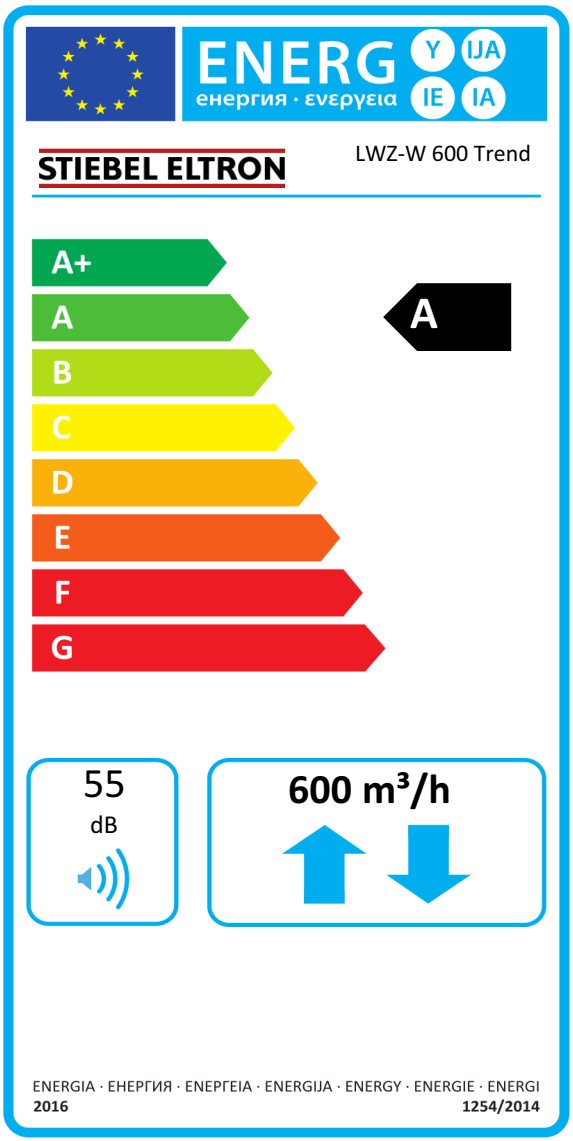
2016
1254/2014

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

		LWZ-W 600 Trend
		205072
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m2a)	-81.46
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m2a)	-42.74
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m2a)	-17.94
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		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	86.0
Max. air flow rate	m3/h	600
Max. power consumption	Watt	234
Sound power level LWA	dB(A)	55
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	%	0.76
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	698
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	161
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	116
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	4611
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2085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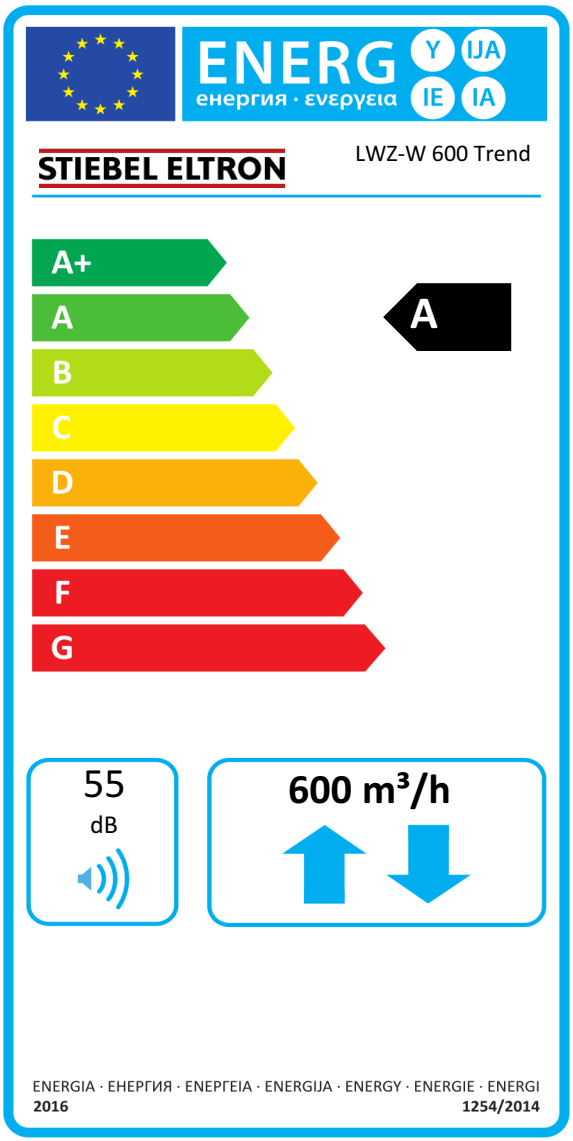
1254/2014

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

		LWZ-W 600 Trend
		205072
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-77.65
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-39.79
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-15.47
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	%	86.0
Max. air flow rate	m3/h	600
Max. power consumption	Watt	234
Sound power level LWA	dB(A)	55
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	%	0.76
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	781
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	244
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	199
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8845
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	2045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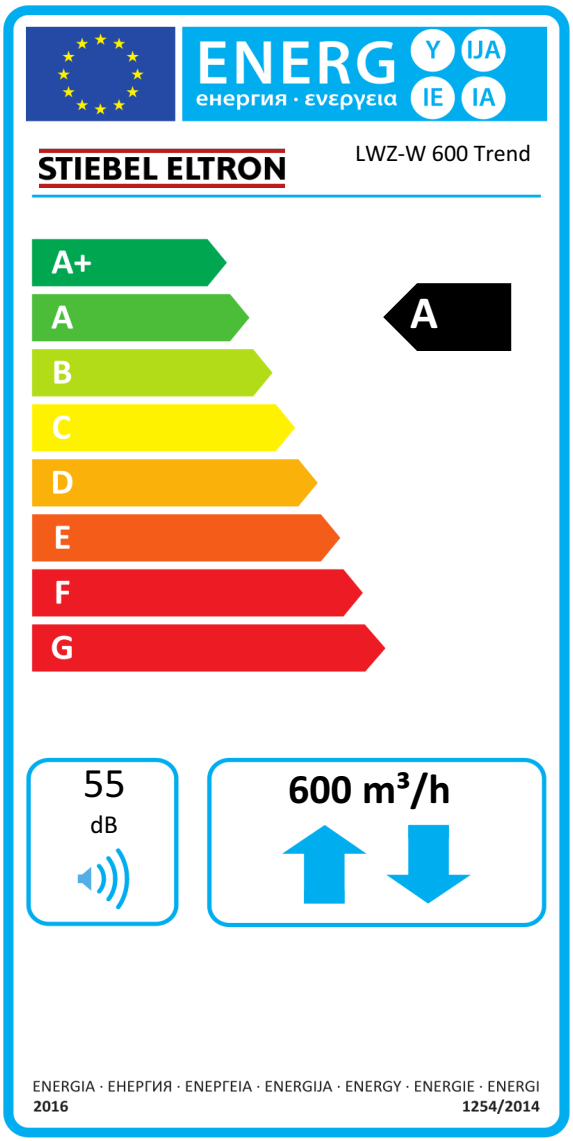
Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		LWZ-W 600 Trend
		205072
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-75.54
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-38.10
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-14.03
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		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	86.0
Max. air flow rate	m3/h	600
Max. power consumption	Watt	234
Sound power level LWA	dB(A)	55
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	%	0.76
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	831
Annual power consumption under average climate conditions with time control	kWh/a	294
Annual power consumption under warmer climate conditions with time control	kWh/a	249
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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1254/2014

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

		LWZ-W 600 Trend
		205072
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-74.43
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-37.21
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-13.25
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		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	86.0
Max. air flow rate	m3/h	600
Max. power consumption	Watt	234
Sound power level LWA	dB(A)	55
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	%	0.76
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	858
Annual power consumption under average climate conditions with manual control	kWh/a	321
Annual power consumption under warmer climate conditions with manual control	kWh/a	276
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