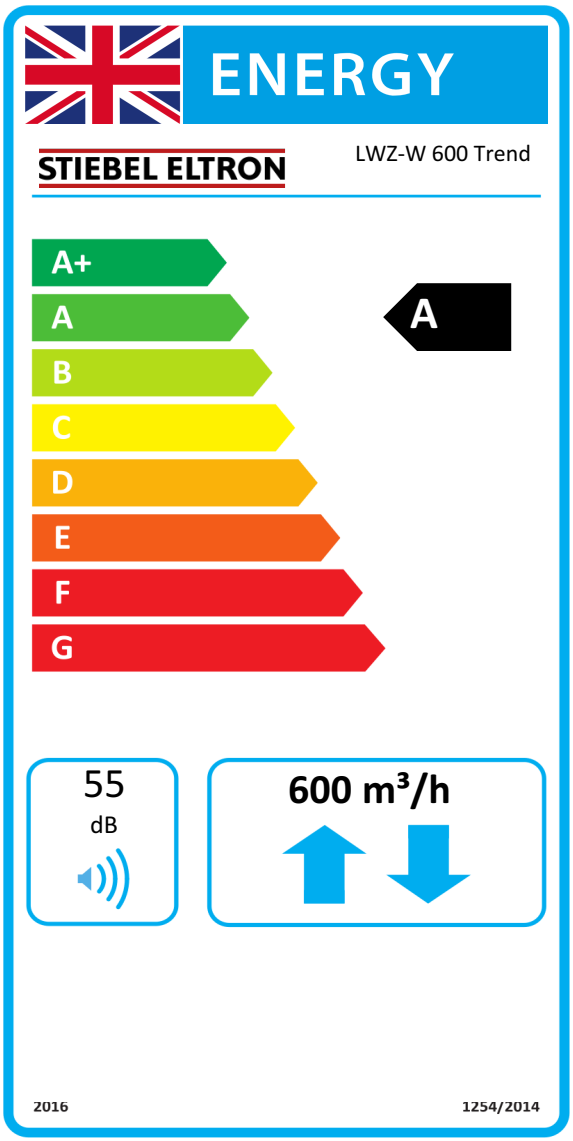
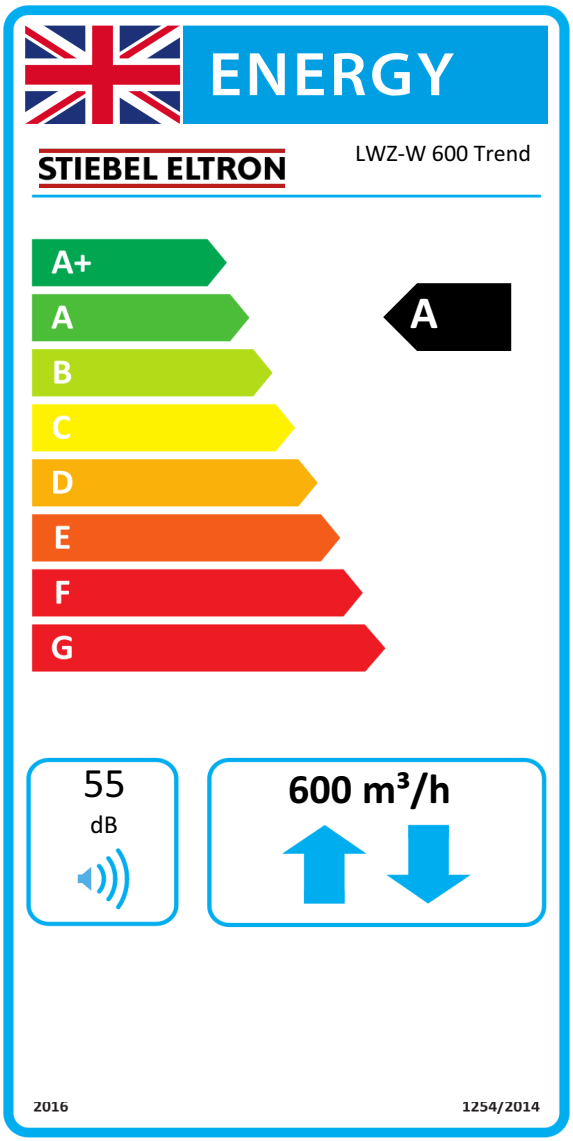

ENERGY
STIEBEL ELTRON
LWZ-W 600 Trend
A+
A
B
C
D
E
F
G
A
55
dB
600 m³/h
2016
1254/2014

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+
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		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	W	234
Sound power level LWA	dB(A)	55
Reference air flow rate	m³/s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,24
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	0,76
External air leakage quota	%	0,59
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


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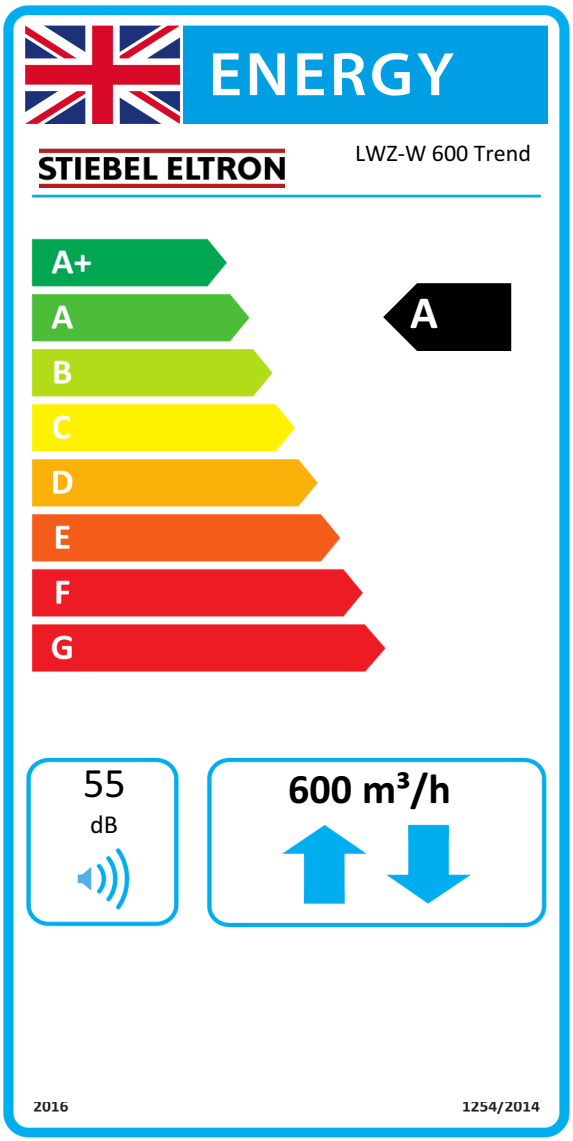
600 m³/h
2016
1254/2014

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 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+
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		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	W	234
Sound power level LWA	dB(A)	55
Reference air flow rate	m³/s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,24
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0,76
External air leakage quota	%	0,59
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


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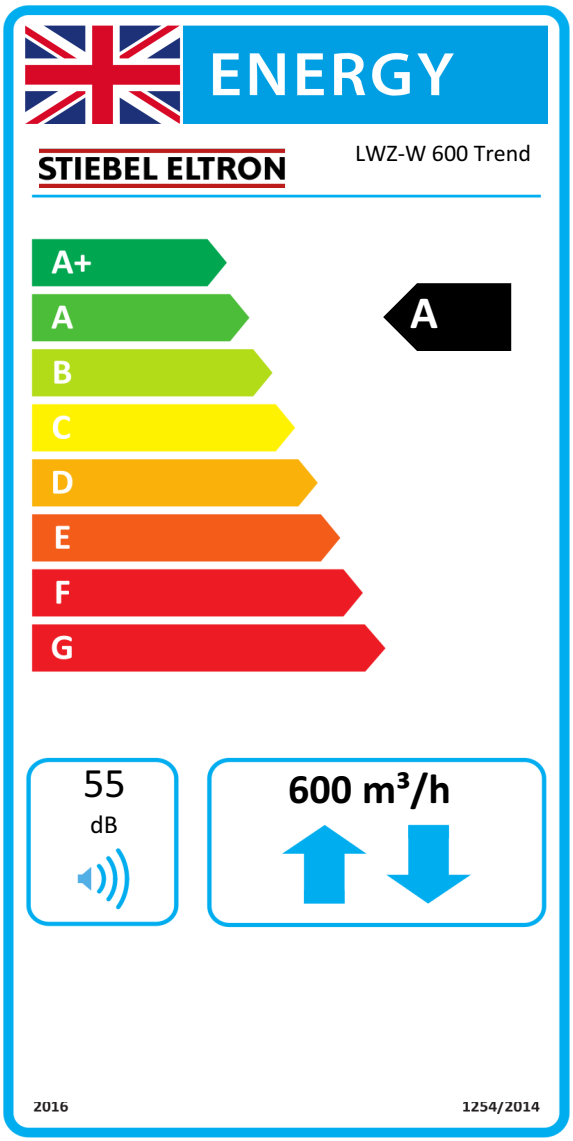
dB
600 m³/h
2016
1254/2014

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 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+
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		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	W	234
Sound power level LWA	dB(A)	55
Reference air flow rate	m³/s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,24
Control factor, time control		0,95
Internal air leakage quota	%	0,76
External air leakage quota	%	0,59
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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600 m³/h
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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+
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		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	W	234
Sound power level LWA	dB(A)	55
Reference air flow rate	m³/s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,24
Control factor, manual control		1,00
Internal air leakage quota	%	0,76
External air leakage quota	%	0,59
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