



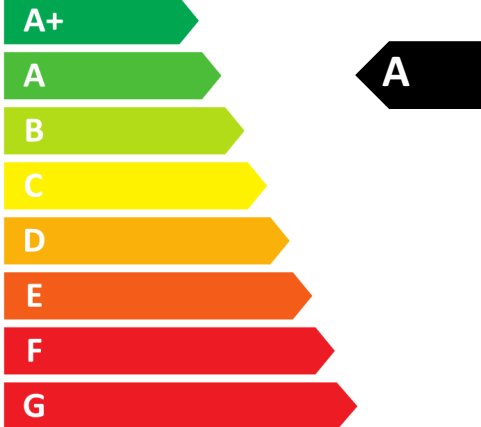
ENERG

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STIEBEL ELTRON

LWE 40



47
dB



70 m³/h



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2016 1254/2014

		LWE 40
		236659
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m2a)	-87.86
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m2a)	-43.91
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m2a)	-18.74
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		Regenerativ
Rate of temperature change for heat recovery	%	86.6
Max. air flow rate	m3/h	70
Max. power consumption	Watt	12
Sound power level LWA	dB(A)	47
Reference air flow rate	m3/s	0.014
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.14
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota		-
External air leakage quota		-
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	%	22.9
Airtightness between indoors and outdoors	m3/h	0.20
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	82
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	82
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	82
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	8990
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4595
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2078



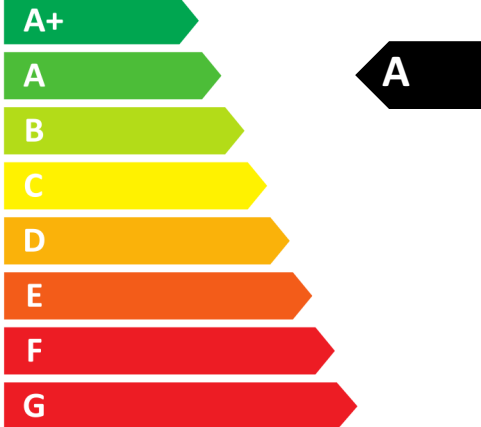
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2016 1254/2014

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

		LWE 40
		236659
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-84.57
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-41.53
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-16.87
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		Regenerativ
Rate of temperature change for heat recovery	%	86.6
Max. air flow rate	m3/h	70
Max. power consumption	Watt	12
Sound power level LWA	dB(A)	47
Reference air flow rate	m3/s	0.014
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.14
Control factor, central demand-dependent control		0,85
Internal air leakage quota		-
External air leakage quota		-
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	%	22.9
Airtightness between indoors and outdoors	m3/h	0.20
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	139
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	139
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	139
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8806
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4501
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2035



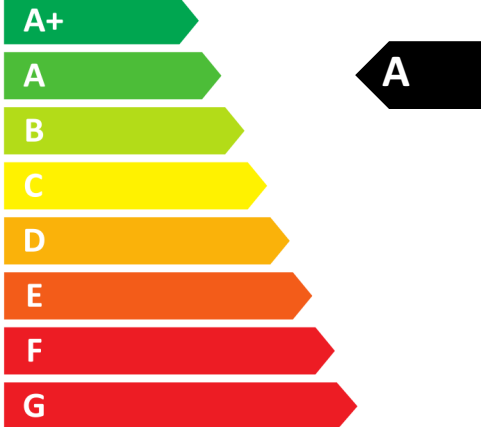
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2016 1254/2014

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

		LWE 40
		236659
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-82.79
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-40.19
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-15.79
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		Regenerativ
Rate of temperature change for heat recovery	%	86.6
Max. air flow rate	m3/h	70
Max. power consumption	Watt	12
Sound power level LWA	dB(A)	47
Reference air flow rate	m3/s	0.014
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.14
Control factor, time control		0,95
Internal air leakage quota		-
External air leakage quota		-
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	%	22.9
Airtightness between indoors and outdoors	m3/h	0.20
Annual power consumption under colder climate conditions with time control	kWh/a	174
Annual power consumption under average climate conditions with time control	kWh/a	174
Annual power consumption under warmer climate conditions with time control	kWh/a	174
Annual heating savings under colder climate conditions with time control	kWh/a	8714
Annual heating savings under average climate conditions with time control	kWh/a	4454
Annual heating savings under warmer climate conditions with time control	kWh/a	2014



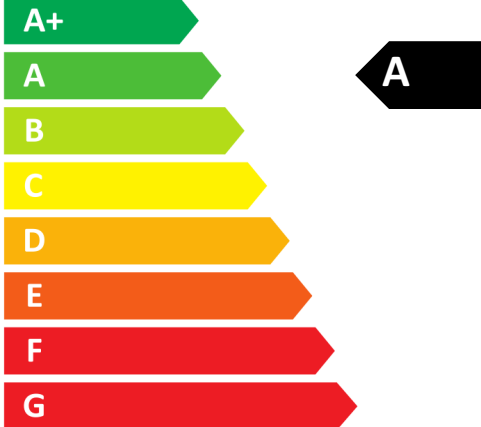
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2016 1254/2014

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

		LWE 40
		236659
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-81.86
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-39.49
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-15.21
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		Regenerativ
Rate of temperature change for heat recovery	%	86.6
Max. air flow rate	m3/h	70
Max. power consumption	Watt	12
Sound power level LWA	dB(A)	47
Reference air flow rate	m3/s	0.014
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.14
Control factor, manual control		1,00
Internal air leakage quota		-
External air leakage quota		-
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	%	22.9
Airtightness between indoors and outdoors	m3/h	0.20
Annual power consumption under colder climate conditions with manual control	kWh/a	193
Annual power consumption under average climate conditions with manual control	kWh/a	193
Annual power consumption under warmer climate conditions with manual control	kWh/a	193
Annual heating savings under colder climate conditions with manual control	kWh/a	8668
Annual heating savings under average climate conditions with manual control	kWh/a	4431
Annual heating savings under warmer climate conditions with manual control	kWh/a	2004