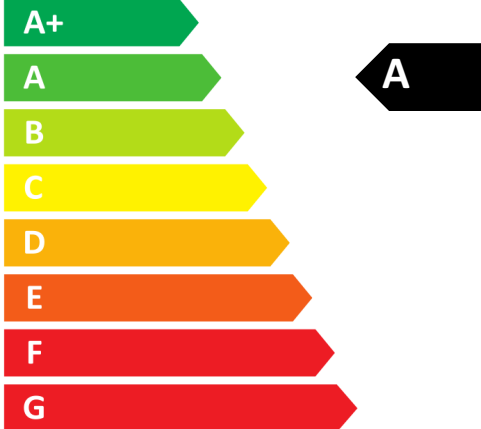




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STIEBEL ELTRON

LWE-W 100 P



48
dB



100 m³/h



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2016 1254/2014

		LWE-W 100 P
		206648
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m2a)	-84.36
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m2a)	-42.07
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m2a)	-17.84
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	%	79.0
Max. air flow rate	m3/h	100
Max. power consumption	Watt	19
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.019
Reference pressure differential	Pa	0
Specific power input	Wm3h	0.15
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota		-
External air leakage quota	%	1.30
Mixing ratio	%	1.90
Filter change indicator		Optische Filterwechselanzeige befindet sich 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	%	9
Airtightness between indoors and outdoors	m3/h	0.80
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	86
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	86
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	86
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	8651
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4422
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2000



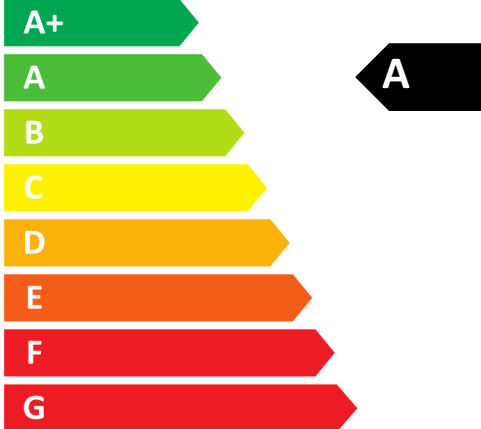
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2016 1254/2014

		LWE-W 100 P
		206648
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-79.95
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-39.07
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-15.65
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	%	79.0
Max. air flow rate	m3/h	100
Max. power consumption	Watt	19
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.019
Reference pressure differential	Pa	0
Specific power input	Wm3h	0.15
Control factor, central demand-dependent control		0,85
Internal air leakage quota		-
External air leakage quota	%	1.30
Mixing ratio	%	1.90
Filter change indicator		Optische Filterwechselanzeige befindet sich 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	%	9
Airtightness between indoors and outdoors	m3/h	0.80
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	147
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	147
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	147
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8363
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4275
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1933



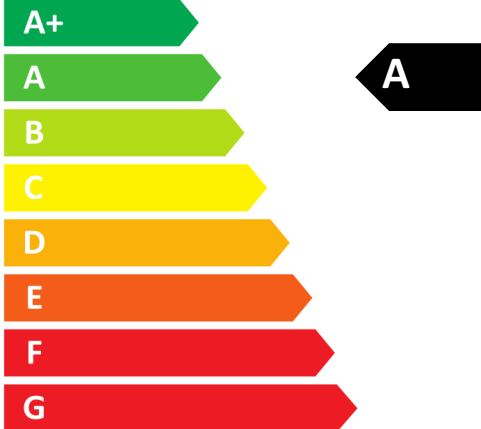
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STIEBEL ELTRON

LWE-W 100 P



48
dB



100 m³/h



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

		LWE-W 100 P
		206648
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-77.59
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-37.41
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-14.40
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	%	79.0
Max. air flow rate	m3/h	100
Max. power consumption	Watt	19
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.019
Reference pressure differential	Pa	0
Specific power input	Wm3h	0.15
Control factor, time control		0,95
Internal air leakage quota		-
External air leakage quota	%	1.30
Mixing ratio	%	1.90
Filter change indicator		Optische Filterwechselanzeige befindet sich 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	%	9
Airtightness between indoors and outdoors	m3/h	0.80
Annual power consumption under colder climate conditions with time control	kWh/a	184
Annual power consumption under average climate conditions with time control	kWh/a	184
Annual power consumption under warmer climate conditions with time control	kWh/a	184
Annual heating savings under colder climate conditions with time control	kWh/a	8219
Annual heating savings under average climate conditions with time control	kWh/a	4201
Annual heating savings under warmer climate conditions with time control	kWh/a	1900



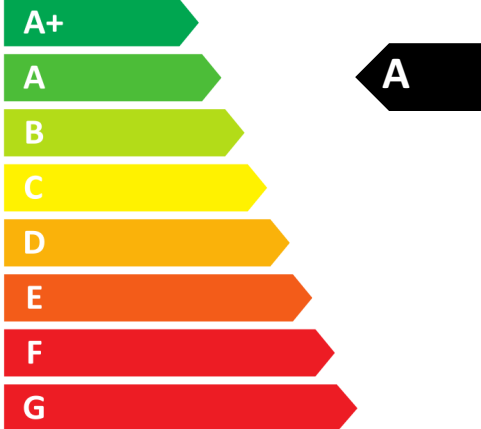
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100 m³/h



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2016 1254/2014

		LWE-W 100 P
		206648
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-76.37
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-36.55
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-13.73
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	%	79.0
Max. air flow rate	m3/h	100
Max. power consumption	Watt	19
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.019
Reference pressure differential	Pa	0
Specific power input	Wm3h	0.15
Control factor, manual control		1,00
Internal air leakage quota		-
External air leakage quota	%	1.30
Mixing ratio	%	1.90
Filter change indicator		Optische Filterwechselanzeige befindet sich 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	%	9
Airtightness between indoors and outdoors	m3/h	0.80
Annual power consumption under colder climate conditions with manual control	kWh/a	204
Annual power consumption under average climate conditions with manual control	kWh/a	204
Annual power consumption under warmer climate conditions with manual control	kWh/a	204
Annual heating savings under colder climate conditions with manual control	kWh/a	8147
Annual heating savings under average climate conditions with manual control	kWh/a	4165
Annual heating savings under warmer climate conditions with manual control	kWh/a	1883