

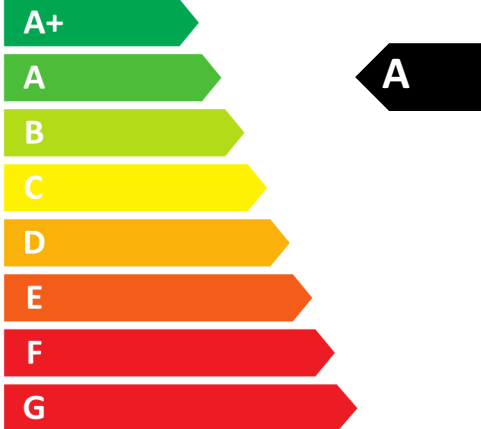


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STIEBEL ELTRON

LWZ 180



43
dB



250 m³/h



		LWZ 180
		232361
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-80.31
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-41.58
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-16.78
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		Zwei Richtungen
Drive type		Mehrstufig
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89.3
Max. air flow rate	m3/h	250
Max. power consumption	Watt	65
Sound power level LWA	dB(A)	43
Reference air flow rate	m3/s	0.049
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.18
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0.63
External air leakage quota	%	0.44
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	754
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	217
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	172
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	9020
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4611
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2085



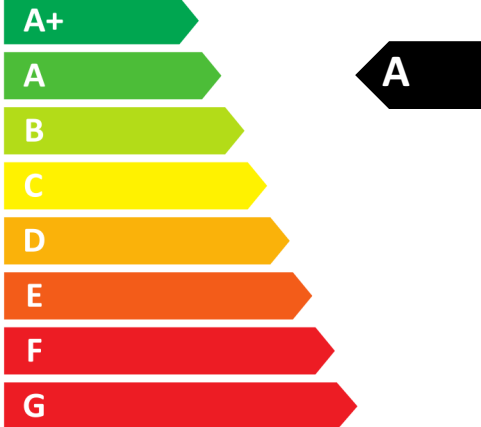
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LWZ 180



43

dB



250 m³/h



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

		LWZ 180
		232361
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-78.34
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-39.95
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-15.32
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		Zwei Richtungen
Drive type		Mehrstufig
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89.3
Max. air flow rate	m3/h	250
Max. power consumption	Watt	65
Sound power level LWA	dB(A)	43
Reference air flow rate	m3/s	0.049
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.18
Control factor, time control		0,95
Internal air leakage quota	%	0.63
External air leakage quota	%	0.44
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	797
Annual power consumption under average climate conditions with time control	kWh/a	260
Annual power consumption under warmer climate conditions with time control	kWh/a	215
Annual heating savings under colder climate conditions with time control	kWh/a	8953
Annual heating savings under average climate conditions with time control	kWh/a	4577
Annual heating savings under warmer climate conditions with time control	kWh/a	2069



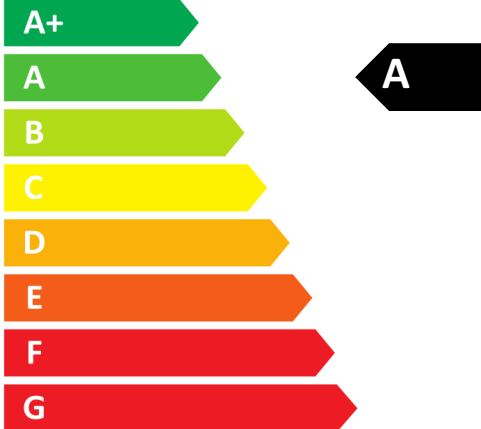
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LWZ 180



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250 m³/h



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

		LWZ 180
		232361
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-77.43
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-39.20
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-14.67
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		Zwei Richtungen
Drive type		Mehrstufig
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89.3
Max. air flow rate	m3/h	250
Max. power consumption	Watt	65
Sound power level LWA	dB(A)	43
Reference air flow rate	m3/s	0.049
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.18
Control factor, manual control		1,00
Internal air leakage quota	%	0.63
External air leakage quota	%	0.44
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	820
Annual power consumption under average climate conditions with manual control	kWh/a	283
Annual power consumption under warmer climate conditions with manual control	kWh/a	238
Annual heating savings under colder climate conditions with manual control	kWh/a	8920
Annual heating savings under average climate conditions with manual control	kWh/a	4560
Annual heating savings under warmer climate conditions with manual control	kWh/a	2062