



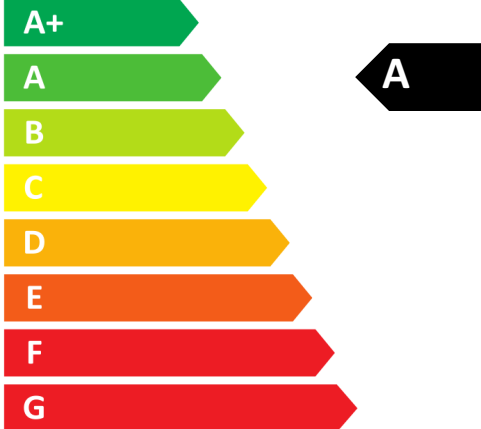
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STIEBEL ELTRON

LWZ 180 Enthalpie



43

dB



250 m³/h



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

		LWZ 180 Enthalpie
		236646
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-75.45
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-39.21
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-15.83
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	%	79.7
Max. air flow rate	m3/h	250
Max. power consumption	Watt	60
Sound power level LWA	dB(A)	43
Reference air flow rate	m3/s	0.049
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.17
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	1.59
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	745
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	208
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	163
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8511
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4351
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1967

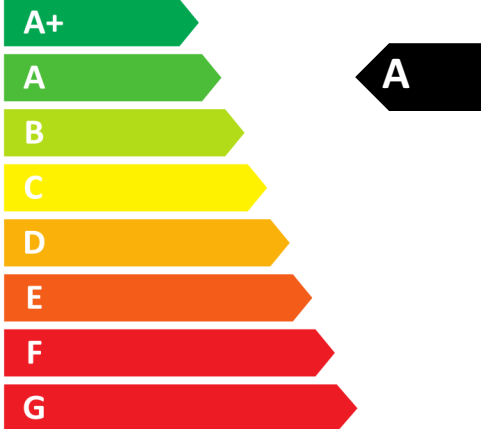


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		LWZ 180 Enthalpie
		236646
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-72.94
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-37.32
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-14.29
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	%	79.7
Max. air flow rate	m3/h	250
Max. power consumption	Watt	60
Sound power level LWA	dB(A)	43
Reference air flow rate	m3/s	0.049
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.17
Control factor, time control		0,95
Internal air leakage quota	%	1.59
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	785
Annual power consumption under average climate conditions with time control	kWh/a	248
Annual power consumption under warmer climate conditions with time control	kWh/a	203
Annual heating savings under colder climate conditions with time control	kWh/a	8385
Annual heating savings under average climate conditions with time control	kWh/a	4286
Annual heating savings under warmer climate conditions with time control	kWh/a	1938

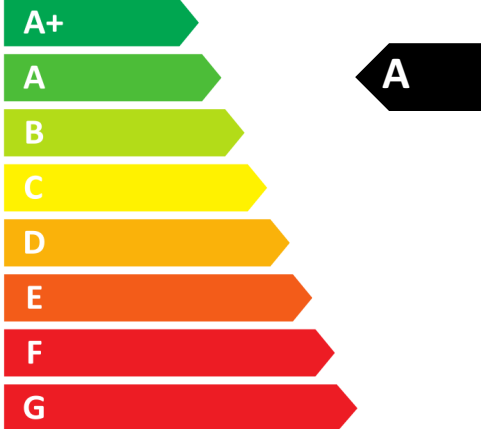


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		LWZ 180 Enthalpie
		236646
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-71.76
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-36.45
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-13.60
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	%	79.7
Max. air flow rate	m3/h	250
Max. power consumption	Watt	60
Sound power level LWA	dB(A)	43
Reference air flow rate	m3/s	0.049
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.17
Control factor, manual control		1,00
Internal air leakage quota	%	1.59
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	807
Annual power consumption under average climate conditions with manual control	kWh/a	270
Annual power consumption under warmer climate conditions with manual control	kWh/a	225
Annual heating savings under colder climate conditions with manual control	kWh/a	8322
Annual heating savings under average climate conditions with manual control	kWh/a	4254
Annual heating savings under warmer climate conditions with manual control	kWh/a	1924