



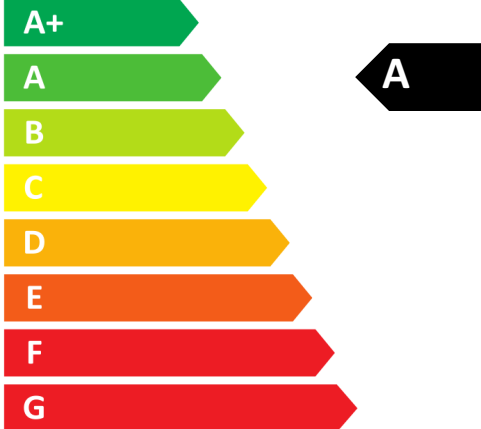
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STIEBEL ELTRON

LWZ 280 Enthalpie



48
dB



350 m³/h



		LWZ 280 Enthalpie
		236647
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-72.98
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-37.73
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-14.91
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	%	75.9
Max. air flow rate	m3/h	350
Max. power consumption	Watt	105
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.068
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.19
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	1.14
External air leakage quota	%	0.32
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	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	8310
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4248
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1921

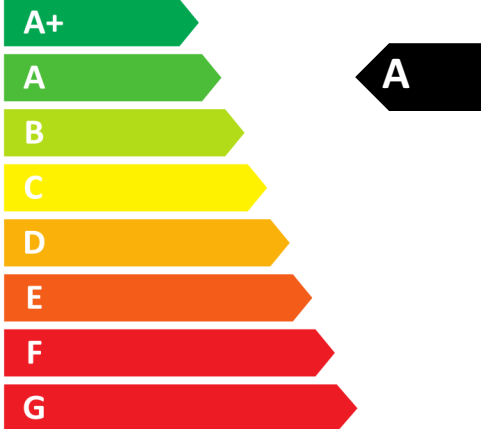


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350 m³/h



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

		LWZ 280 Enthalpie
		236647
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-69.56
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-35.04
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-12.64
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	%	75.9
Max. air flow rate	m3/h	350
Max. power consumption	Watt	105
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.068
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.19
Control factor, time control		0,95
Internal air leakage quota	%	1.14
External air leakage quota	%	0.32
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	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	8160
Annual heating savings under average climate conditions with time control	kWh/a	4171
Annual heating savings under warmer climate conditions with time control	kWh/a	1886



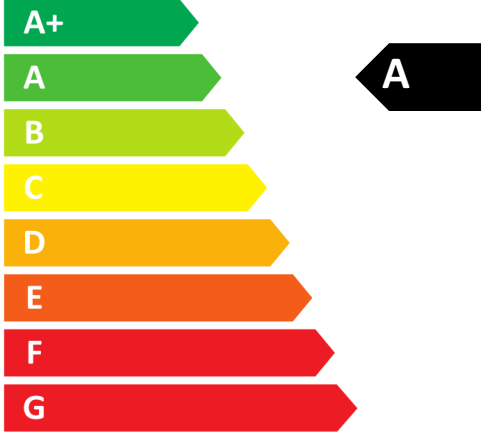
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LWZ 280 Enthalpie



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350 m³/h



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

		LWZ 280 Enthalpie
		236647
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-68.14
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-33.99
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-11.80
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)		B
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	%	75.9
Max. air flow rate	m3/h	350
Max. power consumption	Watt	105
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.068
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.19
Control factor, manual control		1,00
Internal air leakage quota	%	1.14
External air leakage quota	%	0.32
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	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	8085
Annual heating savings under average climate conditions with manual control	kWh/a	4133
Annual heating savings under warmer climate conditions with manual control	kWh/a	1869