

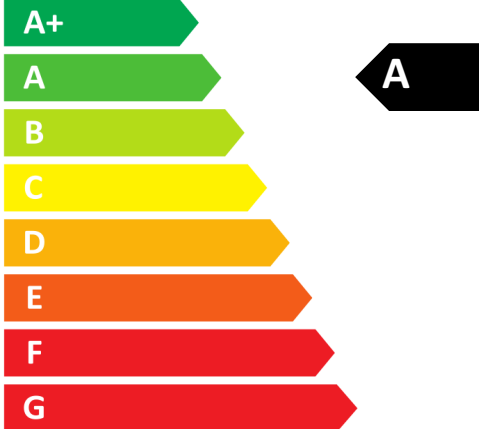


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STIEBEL ELTRON

LWZ 280



48
dB



350 m³/h



		LWZ 280
		232362
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-79.10
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-40.63
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-15.98
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	%	88.3
Max. air flow rate	m3/h	350
Max. power consumption	Watt	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.068
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.21
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0.45
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	790
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	253
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	208
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8967
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4584
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2073

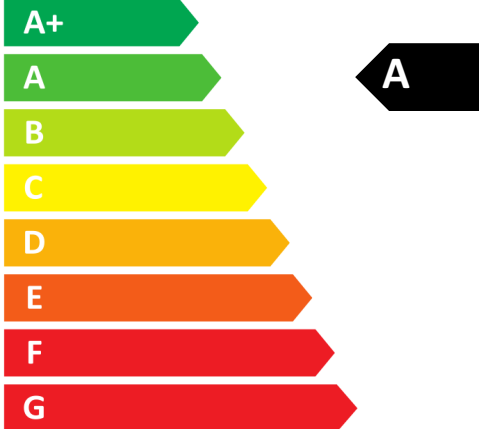


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LWZ 280



48
dB



350 m³/h



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

		LWZ 280
		232362
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-76.62
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-38.51
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-14.06
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	%	88.3
Max. air flow rate	m3/h	350
Max. power consumption	Watt	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.068
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.21
Control factor, time control		0,95
Internal air leakage quota	%	0.45
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	842
Annual power consumption under average climate conditions with time control	kWh/a	305
Annual power consumption under warmer climate conditions with time control	kWh/a	260
Annual heating savings under colder climate conditions with time control	kWh/a	8894
Annual heating savings under average climate conditions with time control	kWh/a	4546
Annual heating savings under warmer climate conditions with time control	kWh/a	2056

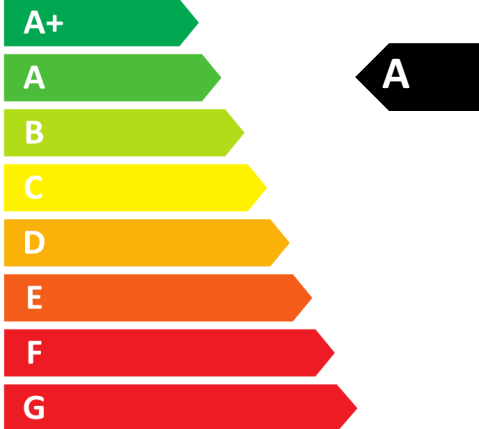


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350 m³/h



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

		LWZ 280
		232362
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-75.55
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-37.62
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-13.27
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	%	88.3
Max. air flow rate	m3/h	350
Max. power consumption	Watt	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m3/s	0.068
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.21
Control factor, manual control		1,00
Internal air leakage quota	%	0.45
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	870
Annual power consumption under average climate conditions with manual control	kWh/a	333
Annual power consumption under warmer climate conditions with manual control	kWh/a	288
Annual heating savings under colder climate conditions with manual control	kWh/a	8857
Annual heating savings under average climate conditions with manual control	kWh/a	4528
Annual heating savings under warmer climate conditions with manual control	kWh/a	2047