



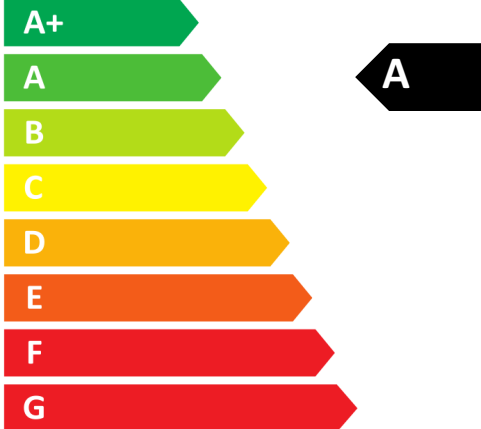
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STIEBEL ELTRON

LWZ 70 E



42
dB



180 m³/h



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

		LWZ 70 E
		233851
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m2a)	-81.30
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m2a)	-41.95
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m2a)	-16.78
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		Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89.0
Max. air flow rate	m3/h	180
Max. power consumption	Watt	82
Sound power level LWA	dB(A)	42
Reference air flow rate	m3/s	0.035
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.33
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	7.20
External air leakage quota	%	7.20
Mixing ratio		-
Filter change indicator		Optische Filterwechselanzeige im Display der Fernbedienung Achtung: Ein regelmäßiger Filterwechsel ist wichtig für eine niedrige 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 control subject to on-site requirements	kWh/a	851
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	314
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	269
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9149
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4677
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2115



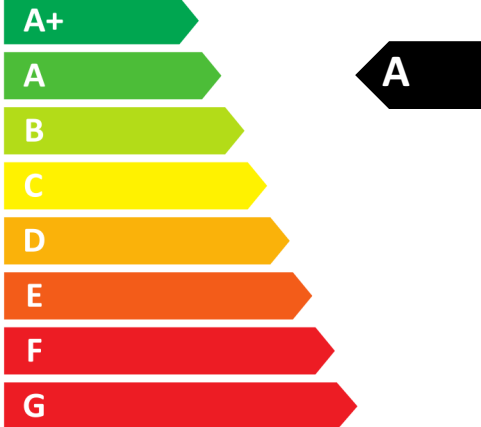
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Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		LWZ 70 E
		233851
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m2a)	-76.86
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m2a)	-38.16
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m2a)	-13.37
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		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89.0
Max. air flow rate	m3/h	180
Max. power consumption	Watt	82
Sound power level LWA	dB(A)	42
Reference air flow rate	m3/s	0.035
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.33
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	7.20
External air leakage quota	%	7.20
Mixing ratio		-
Filter change indicator		Optische Filterwechselanzeige im Display der Fernbedienung Achtung: Ein regelmäßiger Filterwechsel ist wichtig für eine niedrige 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	933
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	396
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	351
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	9015
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4602
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2084

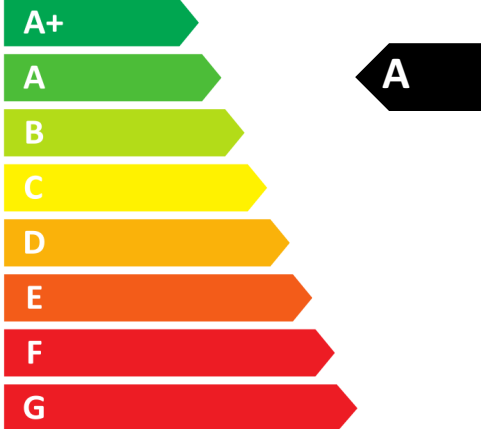


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180 m³/h



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

		LWZ 70 E
		233851
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m2a)	-74.33
Specific energy consumption under average climate conditions with time control	kWh/(m2a)	-35.96
Specific energy consumption under warmer climate conditions with time control	kWh/(m2a)	-11.35
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		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89.0
Max. air flow rate	m3/h	180
Max. power consumption	Watt	82
Sound power level LWA	dB(A)	42
Reference air flow rate	m3/s	0.035
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.33
Control factor, time control		0,95
Internal air leakage quota	%	7.20
External air leakage quota	%	7.20
Mixing ratio		-
Filter change indicator		Optische Filterwechselanzeige im Display der Fernbedienung Achtung: Ein regelmäßiger Filterwechsel ist wichtig für eine niedrige 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	975
Annual power consumption under average climate conditions with time control	kWh/a	438
Annual power consumption under warmer climate conditions with time control	kWh/a	393
Annual heating savings under colder climate conditions with time control	kWh/a	8947
Annual heating savings under average climate conditions with time control	kWh/a	4574
Annual heating savings under warmer climate conditions with time control	kWh/a	2068



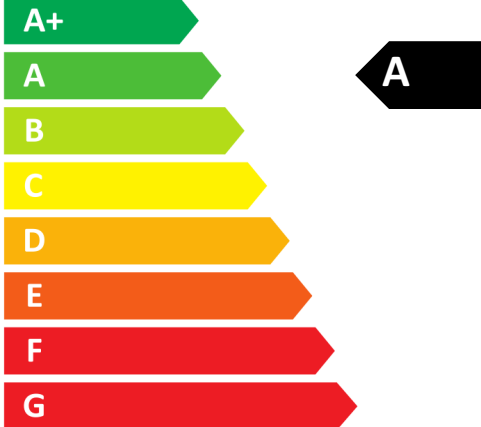
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2016 1254/2014

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

		LWZ 70 E
		233851
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m2a)	-72.98
Specific energy consumption under average climate conditions with manual control	kWh/(m2a)	-34.78
Specific energy consumption under warmer climate conditions with manual control	kWh/(m2a)	-10.27
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		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89.0
Max. air flow rate	m3/h	180
Max. power consumption	Watt	82
Sound power level LWA	dB(A)	42
Reference air flow rate	m3/s	0.035
Reference pressure differential	Pa	50
Specific power input	Wm3h	0.33
Control factor, manual control		1,00
Internal air leakage quota	%	7.20
External air leakage quota	%	7.20
Mixing ratio		-
Filter change indicator		Optische Filterwechselanzeige im Display der Fernbedienung Achtung: Ein regelmäßiger Filterwechsel ist wichtig für eine niedrige 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	995
Annual power consumption under average climate conditions with manual control	kWh/a	458
Annual power consumption under warmer climate conditions with manual control	kWh/a	413
Annual heating savings under colder climate conditions with manual control	kWh/a	8914
Annual heating savings under average climate conditions with manual control	kWh/a	4556
Annual heating savings under warmer climate conditions with manual control	kWh/a	2060