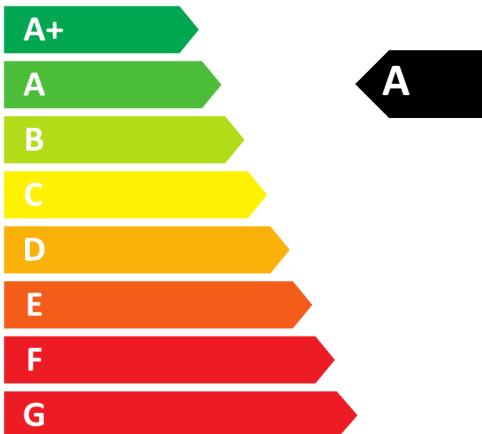




ENERGY

STIEBEL ELTRON

LWZ 280 balance



47
dB



350 m³/h



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

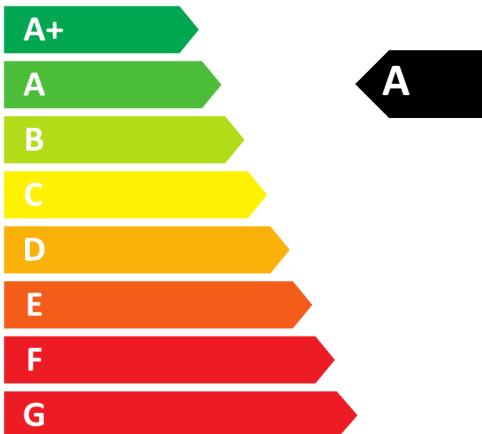
		LWZ 280 balance
		236649
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	90,05
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-48,55
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-22,16
Energy efficiency class under colder climate conditions with control subject to on-site requirements		A+
Energy efficiency class under average climate conditions with control subject to on-site requirements		A+
Energy efficiency class under warmer climate conditions with control subject to on-site requirements		D
Ventilation unit type		Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	47
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	582
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	45
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	1183
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9587
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4900
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2216



ENERGY

STIEBEL ELTRON

LWZ 280 balance



47
dB



350 m³/h



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

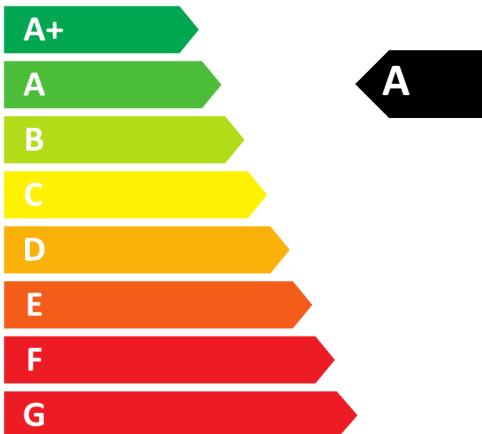
		LWZ 280 balance
		236649
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-90,05
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-48,55
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-22,16
Energy efficiency class under colder climate conditions with central demand-dependent control		A+
Energy efficiency class under average climate conditions with central demand-dependent control		A
Energy efficiency class under warmer climate conditions with central demand-dependent control		D
Ventilation unit type		Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	47
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	582
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	45
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	1183
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	9587
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4900
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2216



ENERGY

STIEBEL ELTRON

LWZ 280 balance



47
dB



350 m³/h



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

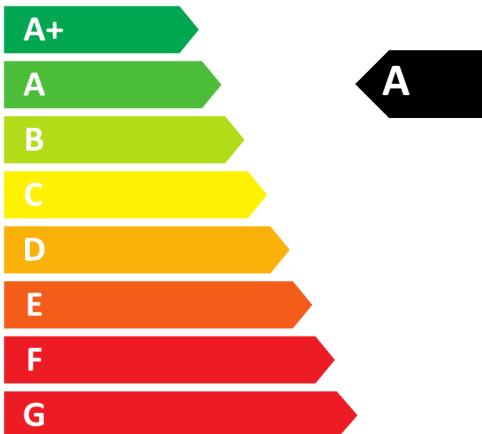
		LWZ 280 balance
		236649
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-90,05
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-48,55
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-22,16
Energy efficiency class under colder climate conditions with time control		A+
Energy efficiency class under average climate conditions with time control		A
Energy efficiency class under warmer climate conditions with time control		D
Ventilation unit type		Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	47
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, time control		0,95
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
Annual power consumption under colder climate conditions with time control	kWh/a	582
Annual power consumption under average climate conditions with time control	kWh/a	45
Annual power consumption under warmer climate conditions with time control	kWh/a	1183
Annual heating savings under colder climate conditions with time control	kWh/a	9587
Annual heating savings under average climate conditions with time control	kWh/a	4900
Annual heating savings under warmer climate conditions with time control	kWh/a	2216



ENERGY

STIEBEL ELTRON

LWZ 280 balance



47
dB



350 m³/h



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

		LWZ 280 balance
		236649
Manufacturer		STIEBEL ELTRON
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-90,05
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-48,55
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-22,16
Energy efficiency class under colder climate conditions with manual control		A+
Energy efficiency class under average climate conditions with manual control		A
Energy efficiency class under warmer climate conditions with manual control		D
Ventilation unit type		Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	47
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, manual control		1,00
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
Annual power consumption under colder climate conditions with manual control	kWh/a	582
Annual power consumption under average climate conditions with manual control	kWh/a	45
Annual power consumption under warmer climate conditions with manual control	kWh/a	1183
Annual heating savings under colder climate conditions with manual control	kWh/a	9587
Annual heating savings under average climate conditions with manual control	kWh/a	4900
Annual heating savings under warmer climate conditions with manual control	kWh/a	2216