



ENERG Y IJA
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STIEBEL ELTRON

LWZ 170 E plus
manual



44
dB

300 m³/h

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2016

1254/2014

Product datasheet: Mechanical ventilation units to regulation (EU) no. 1254/2014 | 1253/2014

		LWZ 170 E plus
		233850
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 170 E plus
Specific energy consumption in colder climates, manual control	kWh/(m ² p.a.)	-74,750
Specific energy consumption in average climates, manual control	kWh/(m ² p.a.)	-37,520
Specific energy consumption in warmer climates, manual control	kWh/(m ² p.a.)	-13,570
Energy efficiency class in colder climates, manual control		A+
Energy efficiency class in average climates, manual control		A
Energy efficiency class in warmer climates, manual control		E
Ventilation unit type		Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	86
Max. air flow rate	m ³ /h	300
Max. power consumption	W	92
Sound power level Lwa	dB(A)	44
Reference air flow rate	m ³ /s	0,05833
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,21
Control factor, manual control		1
Internal air leakage quota	%	14,3
External air leakage quota	%	14,3
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with manual control	kWh/a	845
Annual power consumption in average climates with manual control	kWh/a	308
Annual power consumption in warmer climates with manual control	kWh/a	263
Annual heating savings in colder climates with manual control	kWh/a	8714
Annual heating savings in average climates with manual control	kWh/a	4454
Annual heating savings in warmer climates with manual control	kWh/a	2014



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clock



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		LWZ 170 E plus
		233850
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 170 E plus
Specific energy consumption in colder climates, time control	kWh/(m ² p.a.)	-75,820
Specific energy consumption in average climates, time control	kWh/(m ² p.a.)	-38,380
Specific energy consumption in warmer climates, time control	kWh/(m ² p.a.)	-14,310
Energy efficiency class in colder climates, time control		A+
Energy efficiency class in average climates, time control		A
Energy efficiency class in warmer climates, time control		E
Ventilation unit type		Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	86
Max. air flow rate	m ³ /h	300
Max. power consumption	W	92
Sound power level Lwa	dB(A)	44
Reference air flow rate	m ³ /s	0,05833
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,21
Control factor, time control		0,95
Internal air leakage quota	%	14,3
External air leakage quota	%	14,3
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with time control	kWh/a	832
Annual power consumption in average climates with time control	kWh/a	295
Annual power consumption in warmer climates with time control	kWh/a	250
Annual heating savings in colder climates with time control	kWh/a	8758
Annual heating savings in average climates with time control	kWh/a	4477
Annual heating savings in warmer climates with time control	kWh/a	2024



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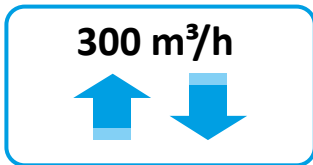
		LWZ 170 E plus
		233850
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 170 E plus
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m ² p.a.)	-77,880
Specific energy consumption in average climates, central demand-dependent control	kWh/(m ² p.a.)	-40,010
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m ² p.a.)	-15,690
Energy efficiency class in colder climates, central demand-dependent control		A+
Energy efficiency class in average climates, central demand-dependent control		A
Energy efficiency class in warmer climates, central demand-dependent control		E
Ventilation unit type		Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	86
Max. air flow rate	m ³ /h	300
Max. power consumption	W	92
Sound power level Lwa	dB(A)	44
Reference air flow rate	m ³ /s	0,05833
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,21
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	14,3
External air leakage quota	%	14,3
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with central demand-dependent control	kWh/a	806
Annual power consumption in average climates with central demand-dependent control	kWh/a	269
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	224
Annual heating savings in colder climates with central demand-dependent control	kWh/a	9019
Annual heating savings in average climates with central demand-dependent control	kWh/a	4521
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	2085



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Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 170 E plus
Specific energy consumption in colder climates, control subject to on-site requirements	kWh/(m ² p.a.)	-81,600
Specific energy consumption in average climates, control subject to on-site requirements	kWh/(m ² p.a.)	-42,880
Specific energy consumption in warmer climates, control subject to on-site requirements	kWh/(m ² p.a.)	-18,070
Energy efficiency class in colder climates, control subject to on-site requirements		A+
Energy efficiency class in average climates, control subject to on-site requirements		A+
Energy efficiency class in warmer climates, control subject to on-site requirements		E
Ventilation unit type		Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	86
Max. air flow rate	m ³ /h	300
Max. power consumption	W	92
Sound power level Lwa	dB(A)	44
Reference air flow rate	m ³ /s	0,05833
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,21
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	14,3
External air leakage quota	%	14,3
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with control subject to on-site requirements	kWh/a	753
Annual power consumption in average climates with control subject to on-site requirements	kWh/a	216
Annual power consumption in warmer climates with control subject to on-site requirements	kWh/a	171
Annual heating savings in colder climates with control subject to on-site requirements	kWh/a	9019
Annual heating savings in average climates with control subject to on-site requirements	kWh/a	4621
Annual heating savings in warmer climates with control subject to on-site requirements	kWh/a	2085