ENERG Y IJA IE IA
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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/(m² p.a.)	-74.75
Specific energy consumption in average climates, manual control	kWh/(m² p.a.)	-37.52
Specific energy consumption in warmer climates, manual control	kWh/(m² p.a.)	-13.57
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	m³/h	300
Max. power consumption	W	92
Sound power level Lwa	dB(A)	44
Reference air flow rate	m³/s	0.058
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0.21
Control factor, manual control		1
Declared maximum internal leakage rates	%	14,30
Declared maximum external leakage rates	%	14.30
Filter change indicator		Visual filter change indicator integrated in display of the remote control
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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STIEBEL ELTRON

LWZ 170 E plus
clock

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, time control	kWh/(m² p.a.)	-75.82
Specific energy consumption in average climates, time control	kWh/(m² p.a.)	-38.38
Specific energy consumption in warmer climates, time control	kWh/(m² p.a.)	-14.31
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	m³/h	300
Max. power consumption	W	92
Sound power level Lwa	dB(A)	44
Reference air flow rate	m³/s	0.058
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0.21
Control factor, time control		0,95
Declared maximum internal leakage rates	%	14,30
Declared maximum external leakage rates	%	14.30
Filter change indicator		Visual filter change indicator integrated in display of the remote control
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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STIEBEL ELTRON

LWZ 170 E plus sensor

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, central demand-dependent control	kWh/(m² p.a.)	-77.88
Specific energy consumption in average climates, central demand-dependent control	kWh/(m² p.a.)	-40.01
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m² p.a.)	-15.69
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	m³/h	300
Max. power consumption	W	92
Sound power level Lwa	dB(A)	44
Reference air flow rate	m³/s	0.058
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0.21
Control factor, central demand-dependent control		0,85
Declared maximum internal leakage rates	%	14,30
Declared maximum external leakage rates	%	14.30
Filter change indicator		Visual filter change indicator integrated in display of the remote control
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