



ENERG Y IJA
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STIEBEL ELTRON

LWZ 130 E-W
manual



33
dB

180 m³/h

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2016

1254/2014

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

		LWZ 130 E-W
		204826
Manufacturer		STIEBEL ELTRON
Specific energy consumption in colder climates, manual control	kWh/(m ² p.a.)	-67.38
Specific energy consumption in average climates, manual control	kWh/(m ² p.a.)	-32.84
Specific energy consumption in warmer climates, manual control	kWh/(m ² p.a.)	-10.42
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	%	77.2
Max. air flow rate	m ³ /h	180
Max. power consumption	W	105
Sound power level Lwa	dB(A)	33
Reference air flow rate	m ³ /s	0.035
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0.27
Control factor, manual control		1
Declared maximum internal leakage rates	%	2,22
Declared maximum external leakage rates	%	2.78
Annual power consumption in colder climates with manual control	kWh/a	920
Annual power consumption in average climates with manual control	kWh/a	383
Annual power consumption in warmer climates with manual control	kWh/a	338
Annual heating savings in colder climates with manual control	kWh/a	8166
Annual heating savings in average climates with manual control	kWh/a	4174
Annual heating savings in warmer climates with manual control	kWh/a	1888



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STIEBEL ELTRON

LWZ 130 E-W clock



33
dB

180 m³/h

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2016

1254/2014

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

		LWZ 130 E-W
		204826
Manufacturer		STIEBEL ELTRON
Specific energy consumption in colder climates, time control	kWh/(m ² p.a.)	-68.92
Specific energy consumption in average climates, time control	kWh/(m ² p.a.)	-34.02
Specific energy consumption in warmer climates, time control	kWh/(m ² p.a.)	-11.41
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	%	77.2
Max. air flow rate	m ³ /h	180
Max. power consumption	W	105
Sound power level Lwa	dB(A)	33
Reference air flow rate	m ³ /s	0.035
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0.27
Control factor, time control		0,95
Declared maximum internal leakage rates	%	2,22
Declared maximum external leakage rates	%	2.78
Annual power consumption in colder climates with time control	kWh/a	887
Annual power consumption in average climates with time control	kWh/a	350
Annual power consumption in warmer climates with time control	kWh/a	305
Annual heating savings in colder climates with time control	kWh/a	8237
Annual heating savings in average climates with time control	kWh/a	4210
Annual heating savings in warmer climates with time control	kWh/a	1904