



**ENERG** Y IJA  
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**STIEBEL ELTRON**

LWZ 280 manual



47.7  
dB

350 m<sup>3</sup>/h

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2016

1254/2014

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

		<b>LWZ 280</b>
		232362
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 280
Specific energy consumption in colder climates, manual control	kWh/(m <sup>2</sup> p.a.)	-75.55
Specific energy consumption in average climates, manual control	kWh/(m <sup>2</sup> p.a.)	-37.62
Specific energy consumption in warmer climates, manual control	kWh/(m <sup>2</sup> p.a.)	-13.27
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	%	88.3
Max. air flow rate	m <sup>3</sup> /h	350
Max. power consumption	W	115
Sound power level Lwa	dB(A)	47.7
Reference air flow rate	m <sup>3</sup> /s	0.068
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0.21
Control factor, manual control		1
Declared maximum internal leakage rates	%	0,45
Declared maximum external leakage rates	%	0.32
Filter change indicator		Visual filter change indicator integrated in display of the remote control
Internet address for assembly and disassembly instructions		<a href="http://www.stiebel-eltron.com">www.stiebel-eltron.com</a>
Annual power consumption in colder climates with manual control	kWh/a	870
Annual power consumption in average climates with manual control	kWh/a	333
Annual power consumption in warmer climates with manual control	kWh/a	288
Annual heating savings in colder climates with manual control	kWh/a	8857
Annual heating savings in average climates with manual control	kWh/a	4528
Annual heating savings in warmer climates with manual control	kWh/a	2047



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LWZ 280 clock



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1254/2014

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

		<b>LWZ 280</b>
		232362
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 280
Specific energy consumption in colder climates, time control	kWh/(m <sup>2</sup> p.a.)	-76.62
Specific energy consumption in average climates, time control	kWh/(m <sup>2</sup> p.a.)	-38.51
Specific energy consumption in warmer climates, time control	kWh/(m <sup>2</sup> p.a.)	-14.06
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	%	88.3
Max. air flow rate	m <sup>3</sup> /h	350
Max. power consumption	W	115
Sound power level Lwa	dB(A)	47.7
Reference air flow rate	m <sup>3</sup> /s	0.068
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0.21
Control factor, time control		0,95
Declared maximum internal leakage rates	%	0,45
Declared maximum external leakage rates	%	0.32
Filter change indicator		Visual filter change indicator integrated in display of the remote control
Internet address for assembly and disassembly instructions		<a href="http://www.stiebel-eltron.com">www.stiebel-eltron.com</a>
Annual power consumption in colder climates with time control	kWh/a	842
Annual power consumption in average climates with time control	kWh/a	305
Annual power consumption in warmer climates with time control	kWh/a	260
Annual heating savings in colder climates with time control	kWh/a	8894
Annual heating savings in average climates with time control	kWh/a	4546
Annual heating savings in warmer climates with time control	kWh/a	2056



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LWZ 280 sensor



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2016

1254/2014

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

		<b>LWZ 280</b>
		232362
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 280
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-79.10
Specific energy consumption in average climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-40.63
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-15.98
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	%	88.3
Max. air flow rate	m <sup>3</sup> /h	350
Max. power consumption	W	115
Sound power level L <sub>wa</sub>	dB(A)	47.7
Reference air flow rate	m <sup>3</sup> /s	0.068
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0.21
Control factor, central demand-dependent control		0.85
Declared maximum internal leakage rates	%	0.45
Declared maximum external leakage rates	%	0.32
Filter change indicator		Visual filter change indicator integrated in display of the remote control
Internet address for assembly and disassembly instructions		<a href="http://www.stiebel-eltron.com">www.stiebel-eltron.com</a>
Annual power consumption in colder climates with central demand-dependent control	kWh/a	790
Annual power consumption in average climates with central demand-dependent control	kWh/a	253
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	208
Annual heating savings in colder climates with central demand-dependent control	kWh/a	8967
Annual heating savings in average climates with central demand-dependent control	kWh/a	4584
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	2073