



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

LWZ 180 Enthalpie  
manual



**43**  
dB

**250 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 180 Enthalpie</b>
		236646
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 180 Enthalpie
Specific energy consumption in colder climates, manual control	kWh/(m <sup>2</sup> p.a.)	-71.76
Specific energy consumption in average climates, manual control	kWh/(m <sup>2</sup> p.a.)	-36.45
Specific energy consumption in warmer climates, manual control	kWh/(m <sup>2</sup> p.a.)	-13.60
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	%	79.7
Max. air flow rate	m <sup>3</sup> /h	250
Max. power consumption	W	60
Sound power level Lwa	dB(A)	43
Reference air flow rate	m <sup>3</sup> /s	0.049
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0.17
Control factor, manual control		1
Declared maximum internal leakage rates	%	1.59
Declared maximum external leakage rates	%	0.44
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	807
Annual power consumption in average climates with manual control	kWh/a	270
Annual power consumption in warmer climates with manual control	kWh/a	225
Annual heating savings in colder climates with manual control	kWh/a	8322
Annual heating savings in average climates with manual control	kWh/a	4254
Annual heating savings in warmer climates with manual control	kWh/a	1924



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clock



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2016

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		<b>LWZ 180 Enthalpie</b>
		236646
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 180 Enthalpie
Specific energy consumption in colder climates, time control	kWh/(m <sup>2</sup> p.a.)	-72.94
Specific energy consumption in average climates, time control	kWh/(m <sup>2</sup> p.a.)	-37.32
Specific energy consumption in warmer climates, time control	kWh/(m <sup>2</sup> p.a.)	-14.29
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	%	79.7
Max. air flow rate	m <sup>3</sup> /h	250
Max. power consumption	W	60
Sound power level Lwa	dB(A)	43
Reference air flow rate	m <sup>3</sup> /s	0.049
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0.17
Control factor, time control		0,95
Declared maximum internal leakage rates	%	1,59
Declared maximum external leakage rates	%	0.44
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	785
Annual power consumption in average climates with time control	kWh/a	248
Annual power consumption in warmer climates with time control	kWh/a	203
Annual heating savings in colder climates with time control	kWh/a	8385
Annual heating savings in average climates with time control	kWh/a	4286
Annual heating savings in warmer climates with time control	kWh/a	1938



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LWZ 180 Enthalpie  
sensor



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2016

1254/2014

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

		<b>LWZ 180 Enthalpie</b>
		236646
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 180 Enthalpie
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-75.45
Specific energy consumption in average climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-39.21
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-15.83
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	%	79.7
Max. air flow rate	m <sup>3</sup> /h	250
Max. power consumption	W	60
Sound power level L <sub>wa</sub>	dB(A)	43
Reference air flow rate	m <sup>3</sup> /s	0.049
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0.17
Control factor, central demand-dependent control		0.85
Declared maximum internal leakage rates	%	1.59
Declared maximum external leakage rates	%	0.44
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	745
Annual power consumption in average climates with central demand-dependent control	kWh/a	208
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	163
Annual heating savings in colder climates with central demand-dependent control	kWh/a	8511
Annual heating savings in average climates with central demand-dependent control	kWh/a	4351
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	1967