



# ENERGY

**STIEBEL ELTRON**

LWZ 280 Enthalpie  
manual



**47.7**  
dB



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



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

2016

1254/2014

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

		<b>LWZ 280 Enthalpie</b>
		236647
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 280 Enthalpie
Specific energy consumption in colder climates, manual control	kWh/(m <sup>2</sup> p.a.)	-68.14
Specific energy consumption in average climates, manual control	kWh/(m <sup>2</sup> p.a.)	-33.99
Specific energy consumption in warmer climates, manual control	kWh/(m <sup>2</sup> p.a.)	-11.80
Energy efficiency class in colder climates, manual control		A+
Energy efficiency class in average climates, manual control		B
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	%	75.9
Max. air flow rate	m <sup>3</sup> /h	350
Max. power consumption	W	105
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)	0.19
Control factor, manual control		1
Declared maximum internal leakage rates	%	1,14
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	858
Annual power consumption in average climates with manual control	kWh/a	321
Annual power consumption in warmer climates with manual control	kWh/a	276
Annual heating savings in colder climates with manual control	kWh/a	8085
Annual heating savings in average climates with manual control	kWh/a	4133
Annual heating savings in warmer climates with manual control	kWh/a	1869



# ENERGY

**STIEBEL ELTRON**

LWZ 280 Enthalpie  
clock



**47.7**  
dB



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



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

2016

1254/2014

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

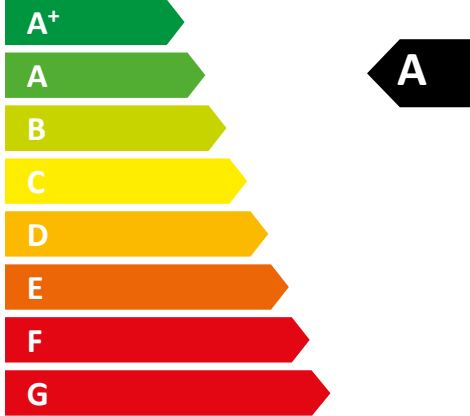
		<b>LWZ 280 Enthalpie</b>
		236647
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 280 Enthalpie
Specific energy consumption in colder climates, time control	kWh/(m <sup>2</sup> p.a.)	-69.56
Specific energy consumption in average climates, time control	kWh/(m <sup>2</sup> p.a.)	-35.04
Specific energy consumption in warmer climates, time control	kWh/(m <sup>2</sup> p.a.)	-12.64
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	%	75.9
Max. air flow rate	m <sup>3</sup> /h	350
Max. power consumption	W	105
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)	0.19
Control factor, time control		0,95
Declared maximum internal leakage rates	%	1,14
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	831
Annual power consumption in average climates with time control	kWh/a	294
Annual power consumption in warmer climates with time control	kWh/a	249
Annual heating savings in colder climates with time control	kWh/a	8160
Annual heating savings in average climates with time control	kWh/a	4171
Annual heating savings in warmer climates with time control	kWh/a	1886



# ENERGY

**STIEBEL ELTRON**

LWZ 280 Enthalpie  
sensor



**47.7**  
dB



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



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

2016

1254/2014

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

		<b>LWZ 280 Enthalpie</b>
		236647
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 280 Enthalpie
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-72.98
Specific energy consumption in average climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-37.73
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-14.91
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	%	75.9
Max. air flow rate	m <sup>3</sup> /h	350
Max. power consumption	W	105
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)	0.19
Control factor, central demand-dependent control		0.85
Declared maximum internal leakage rates	%	1,14
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	781
Annual power consumption in average climates with central demand-dependent control	kWh/a	244
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	199
Annual heating savings in colder climates with central demand-dependent control	kWh/a	8310
Annual heating savings in average climates with central demand-dependent control	kWh/a	4248
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	1921