



ENERG Y IJA
енергия · ενέργεια IE IA

STIEBEL ELTRON

LWZ 100 plus RE
manual



39
dB

155 m³/h

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

2016

1254/2014

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

		LWZ 100 plus RE
		229978
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 100 plus RE
Specific energy consumption in colder climates, manual control	kWh/(m ² p.a.)	-74,11
Specific energy consumption in average climates, manual control	kWh/(m ² p.a.)	-36,280
Specific energy consumption in warmer climates, manual control	kWh/(m ² p.a.)	-11,980
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
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	88
Max. air flow rate	m ³ /h	155
Max. power consumption	W	62
Sound power level Lwa	dB(A)	39
Reference air flow rate	m ³ /s	0,03000
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,27
Control factor, manual control		1
Internal air leakage quota	%	0,99
External air leakage quota	%	3,065
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
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	8839
Annual heating savings in average climates with manual control	kWh/a	4518
Annual heating savings in warmer climates with manual control	kWh/a	2043