



ENERG Y IJA
енергия · ενέργεια IE IA

STIEBEL ELTRON

LWZ 100 plus LI
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 LI |
|--|---------------------------|--|
| | | 229979 |
| Manufacturer | | STIEBEL ELTRON |
| Model identification of the supplier | | LWZ 100 plus LI |
| 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 |