

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

| | | LWZ 280 Balance Set 1 |
|--|---------------------------|--|
| | | 236883 |
| Manufacturer | | STIEBEL ELTRON |
| Specific energy consumption in colder climates, manual control | kWh/(m ² p.a.) | -75.55 |
| Specific energy consumption in average climates, manual control | kWh/(m ² p.a.) | -37.62 |
| Specific energy consumption in warmer climates, manual control | kWh/(m ² 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 | | WLA, Two directions |
| Drive type | | Variable speed |
| Heat recovery method | | Recovery |
| Rate of temperature change for heat recovery | % | 88.3 |
| Max. air flow rate | m ³ /h | 350 |
| Max. power consumption | W | 134 |
| Sound power level Lwa | dB(A) | 48 |
| Reference air flow rate | m ³ /s | 0.06806 |
| Reference pressure differential | Pa | 50 |
| Specific input | W/(m ³ /h) | 0.23 |
| Control factor, manual control | | 1 |
| Declared maximum internal leakage rates | % | 0.45 |
| Declared maximum external leakage rates | % | 0.32 |
| 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 | 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 |