

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

| | | LWZ 180 |
|--|---------------------------|--|
| | | 232361 |
| Manufacturer | | STIEBEL ELTRON |
| Model identification of the supplier | | LWZ 180 |
| Specific energy consumption in colder climates, manual control | kWh/(m ² p.a.) | -77.43 |
| Specific energy consumption in average climates, manual control | kWh/(m ² p.a.) | -39.20 |
| Specific energy consumption in warmer climates, manual control | kWh/(m ² p.a.) | -14.67 |
| 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 | % | 89.3 |
| Max. air flow rate | m ³ /h | 250 |
| Max. power consumption | W | 65 |
| Sound power level L _{wa} | dB(A) | 43 |
| Reference air flow rate | m ³ /s | 0.049 |
| Reference pressure differential | Pa | 50 |
| Specific input | W/(m ³ /h) | 0.18 |
| Control factor, manual control | | 1 |
| Declared maximum internal leakage rates | % | 0,63 |
| 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 | | www.stiebel-eltron.com |
| Annual power consumption in colder climates with manual control | kWh/a | 820 |
| Annual power consumption in average climates with manual control | kWh/a | 283 |
| Annual power consumption in warmer climates with manual control | kWh/a | 238 |
| Annual heating savings in colder climates with manual control | kWh/a | 8920 |
| Annual heating savings in average climates with manual control | kWh/a | 4560 |
| Annual heating savings in warmer climates with manual control | kWh/a | 2062 |