

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

| | | LWZ 180 Balance Set 1 |
|--|---------------------------|--|
| | | 236881 |
| Manufacturer | | STIEBEL ELTRON |
| Model identification of the supplier | | LWZ 180 balance set 1 |
| Specific energy consumption in colder climates, central demand-dependent control | kWh/(m ² p.a.) | -80.08 |
| Specific energy consumption in average climates, central demand-dependent control | kWh/(m ² p.a.) | -41.36 |
| Specific energy consumption in warmer climates, central demand-dependent control | kWh/(m ² p.a.) | -16.55 |
| 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 | | WLA, 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 | 74 |
| Sound power level Lwa | dB(A) | 43 |
| Reference air flow rate | m ³ /s | 0.04861 |
| Reference pressure differential | Pa | 50 |
| Specific input | W/(m ³ /h) | 0.19 |
| Control factor, central demand-dependent control | | 0.85 |
| Declared maximum internal leakage rates | % | 0.63 |
| Declared maximum external leakage rates | % | 0.44 |
| 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 central demand-dependent control | kWh/a | 754 |
| Annual power consumption in average climates with central demand-dependent control | kWh/a | 217 |
| Annual power consumption in warmer climates with central demand-dependent control | kWh/a | 172 |
| Annual heating savings in colder climates with central demand-dependent control | kWh/a | 9020 |
| Annual heating savings in average climates with central demand-dependent control | kWh/a | 4611 |
| Annual heating savings in warmer climates with central demand-dependent control | kWh/a | 2085 |