

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

|  |                           | <b>LWZ 130 E-W</b> |
|--|---------------------------|--------------------|
|  |                           | 204826             |
| Manufacturer   |                           | STIEBEL ELTRON     |
| Specific energy consumption in colder climates, time control   | kWh/(m <sup>2</sup> p.a.) | -68.92             |
| Specific energy consumption in average climates, time control  | kWh/(m <sup>2</sup> p.a.) | -34.02             |
| Specific energy consumption in warmer climates, time control   | kWh/(m <sup>2</sup> p.a.) | -11.41             |
| Energy efficiency class in colder climates, time control       |                           | A+                 |
| Energy efficiency class in average climates, time control      |                           | A                  |
| Energy efficiency class in warmer climates, time control       |                           | E                  |
| Ventilation unit type  |                           | Two directions     |
| Drive type   |                           | Variable speed     |
| Heat recovery method   |                           | Recovery           |
| Rate of temperature change for heat recovery                   | %                         | 77.2               |
| Max. air flow rate   | m <sup>3</sup> /h         | 180                |
| Max. power consumption   | W                         | 105                |
| Sound power level Lwa  | dB(A)                     | 33                 |
| Reference air flow rate  | m <sup>3</sup> /s         | 0.035              |
| Reference pressure differential                                | Pa                        | 50                 |
| Specific input   | W/(m <sup>3</sup> /h)     | 0.27               |
| Control factor, time control                                   |                           | 0,95               |
| Declared maximum internal leakage rates                        | %                         | 2,22               |
| Declared maximum external leakage rates                        | %                         | 2.78               |
| Annual power consumption in colder climates with time control  | kWh/a                     | 887                |
| Annual power consumption in average climates with time control | kWh/a                     | 350                |
| Annual power consumption in warmer climates with time control  | kWh/a                     | 305                |
| Annual heating savings in colder climates with time control    | kWh/a                     | 8237               |
| Annual heating savings in average climates with time control   | kWh/a                     | 4210               |
| Annual heating savings in warmer climates with time control    | kWh/a                     | 1904               |