

**Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014**

|                                                                                |           | <b>LWZ-W 600 Trend</b> |
|--------------------------------------------------------------------------------|-----------|------------------------|
|                                                                                |           | 205072                 |
| Manufacturer                                                                   |           | STIEBEL ELTRON         |
| Specific energy consumption under colder climate conditions with time control  | kWh/(m²a) | -75,54                 |
| Specific energy consumption under average climate conditions with time control | kWh/(m²a) | -38,10                 |
| Specific energy consumption under warmer climate conditions with time control  | kWh/(m²a) | -14,03                 |
| Energy efficiency class under colder climate conditions with time control      |           | A+                     |
| Energy efficiency class under average climate conditions with time control     |           | A                      |
| Energy efficiency class under warmer climate conditions with time control      |           | E                      |
| Ventilation unit type                                                          |           | WLA, Zwei Richtungen   |
| Drive type                                                                     |           | Drehzahl geregelt      |
| Heat recovery type                                                             |           | Rekuperativ            |
| Rate of temperature change for heat recovery                                   | %         | 86,0                   |
| Max. air flow rate                                                             | m³/h      | 600                    |
| Max. power consumption                                                         | W         | 234                    |
| Sound power level LWA                                                          | dB(A)     | 55                     |
| Reference air flow rate                                                        | m³/s      | 0,117                  |
| Reference pressure differential                                                | Pa        | 50                     |
| Specific power input                                                           | W/(m³/h)  | 0,24                   |
| Control factor, time control                                                   |           | 0,95                   |
| Internal air leakage quota                                                     | %         | 0,76                   |
| External air leakage quota                                                     | %         | 0,59                   |
| Annual power consumption under colder climate conditions with time control     | kWh/a     | 831                    |
| Annual power consumption under average climate conditions with time control    | kWh/a     | 294                    |
| Annual power consumption under warmer climate conditions with time control     | kWh/a     | 249                    |
| Annual heating savings under colder climate conditions with time control       | kWh/a     | 8758                   |
| Annual heating savings under average climate conditions with time control      | kWh/a     | 4477                   |
| Annual heating savings under warmer climate conditions with time control       | kWh/a     | 2024                   |