

**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 manual control  | kWh/(m²a) | -74,43                 |
| Specific energy consumption under average climate conditions with manual control | kWh/(m²a) | -37,21                 |
| Specific energy consumption under warmer climate conditions with manual control  | kWh/(m²a) | -13,25                 |
| Energy efficiency class under colder climate conditions with manual control      |           | A+                     |
| Energy efficiency class under average climate conditions with manual control     |           | A                      |
| Energy efficiency class under warmer climate conditions with manual control      |           | E                      |
| Ventilation unit type                                                            |           | WLA, Zwei Richtungen   |
| Drive type                                                                       |           | Drehzahlgeregelt       |
| 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, manual control                                                   |           | 1,00                   |
| Internal air leakage quota                                                       | %         | 0,76                   |
| External air leakage quota                                                       | %         | 0,59                   |
| Annual power consumption under colder climate conditions with manual control     | kWh/a     | 858                    |
| Annual power consumption under average climate conditions with manual control    | kWh/a     | 321                    |
| Annual power consumption under warmer climate conditions with manual control     | kWh/a     | 276                    |
| Annual heating savings under colder climate conditions with manual control       | kWh/a     | 8714                   |
| Annual heating savings under average climate conditions with manual control      | kWh/a     | 4454                   |
| Annual heating savings under warmer climate conditions with manual control       | kWh/a     | 2014                   |