

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

|   |           | <b>LWZ 70 E</b>  |
|---|-----------|--|
|   |           | 233851   |
| Manufacturer  |           | STIEBEL ELTRON   |
| Specific energy consumption under colder climate conditions with control subject to on-site requirements  | kWh/(m²a) | -81,30   |
| Specific energy consumption under average climate conditions with control subject to on-site requirements | kWh/(m²a) | -41,95   |
| Specific energy consumption under warmer climate conditions with control subject to on-site requirements  | kWh/(m²a) | -16,78   |
| Energy efficiency class under colder climate conditions with control subject to on-site requirements      |           | A+   |
| Energy efficiency class under average climate conditions with control subject to on-site requirements     |           | A  |
| Energy efficiency class under warmer climate conditions with control subject to on-site requirements      |           | E  |
| Ventilation unit type   |           | Zwei Richtungen  |
| Drive type  |           | Drehzahl geregelt  |
| Heat recovery type  |           | Rekuperativ  |
| Rate of temperature change for heat recovery  | %         | 89,0   |
| Max. air flow rate  | m³/h      | 180  |
| Max. power consumption  | W         | 82   |
| Sound power level LWA   | dB(A)     | 42   |
| Reference air flow rate   | m³/s      | 0,035  |
| Reference pressure differential   | Pa        | 50   |
| Specific power input  | W/(m³/h)  | 0,33   |
| Control factor, control subject to on-site requirements   |           | 0,65   |
| Internal air leakage quota  | %         | 7,20   |
| External air leakage quota  | %         | 7,20   |
| Filter change indicator   |           | Visual filter change warning signal on the remote control display. Please note: Regular filter changes are important for good system energy efficiency |
| Instructions for controllable outdoor air grilles with ELA  |           | not applicable   |
| Annual power consumption under colder climate conditions with control subject to on-site requirements     | kWh/a     | 851  |
| Annual power consumption under average climate conditions with control subject to on-site requirements    | kWh/a     | 314  |
| Annual power consumption under warmer climate conditions with control subject to on-site requirements     | kWh/a     | 269  |
| Annual heating savings under colder climate conditions with control subject to on-site requirements       | kWh/a     | 9149   |
| Annual heating savings under average climate conditions with control subject to on-site requirements      | kWh/a     | 4677   |
| Annual heating savings under warmer climate conditions with control subject to on-site requirements       | kWh/a     | 2115   |