

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

|                                                                                                           |           | VLR 70 S Trend CN                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                           |           | 239558                                                                                                                                                     |
| Manufacturer                                                                                              |           | STIEBEL ELTRON                                                                                                                                             |
| Specific energy consumption under colder climate conditions with control subject to on-site requirements  | kWh/(m²a) | -87,86                                                                                                                                                     |
| Specific energy consumption under average climate conditions with control subject to on-site requirements | kWh/(m²a) | -43,91                                                                                                                                                     |
| Specific energy consumption under warmer climate conditions with control subject to on-site requirements  | kWh/(m²a) | -18,74                                                                                                                                                     |
| 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                                                                                     |           | WLA, Zwei Richtungen                                                                                                                                       |
| Drive type                                                                                                |           | Drehzahl geregelt                                                                                                                                          |
| Heat recovery type                                                                                        |           | Regenerativ                                                                                                                                                |
| Rate of temperature change for heat recovery                                                              | %         | 86,6                                                                                                                                                       |
| Max. air flow rate                                                                                        | m³/h      | 70                                                                                                                                                         |
| Max. power consumption                                                                                    | W         | 12                                                                                                                                                         |
| Sound power level LWA                                                                                     | dB(A)     | 47                                                                                                                                                         |
| Reference air flow rate                                                                                   | m³/s      | 0,014                                                                                                                                                      |
| Reference pressure differential                                                                           | Pa        | 50                                                                                                                                                         |
| Specific power input                                                                                      | W/(m³/h)  | 0,14                                                                                                                                                       |
| Control factor, control subject to on-site requirements                                                   |           | 0,65                                                                                                                                                       |
| External air leakage quota                                                                                | %         | 2,40                                                                                                                                                       |
| Filter change indicator                                                                                   |           | Visual filter change warning signal on the remote control display. Please note that regular filter changes are important for good system energy efficiency |
| Instructions for controllable outdoor air grilles with ELA                                                |           | not applicable                                                                                                                                             |
| Sensitivity to pressure fluctuations                                                                      | %         | 22,9 / 22,9                                                                                                                                                |
| Airtightness between indoors and outdoors                                                                 | m³/h      | 0,20                                                                                                                                                       |
| Annual power consumption under colder climate conditions with control subject to on-site requirements     | kWh/a     | 82                                                                                                                                                         |
| Annual power consumption under average climate conditions with control subject to on-site requirements    | kWh/a     | 82                                                                                                                                                         |
| Annual power consumption under warmer climate conditions with control subject to on-site requirements     | kWh/a     | 82                                                                                                                                                         |
| Annual heating savings under colder climate conditions with control subject to on-site requirements       | kWh/a     | 8990                                                                                                                                                       |
| Annual heating savings under average climate conditions with control subject to on-site requirements      | kWh/a     | 4595                                                                                                                                                       |
| Annual heating savings under warmer climate conditions with control subject to on-site requirements       | kWh/a     | 2078                                                                                                                                                       |