

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

|                                                                                  |           | <b>LWE 40-4 comfort Set</b>                                                                                                                                |
|----------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                  |           | 204216                                                                                                                                                     |
| Manufacturer                                                                     |           | STIEBEL ELTRON                                                                                                                                             |
| Specific energy consumption under colder climate conditions with manual control  | kWh/(m²a) | -81,86                                                                                                                                                     |
| Specific energy consumption under average climate conditions with manual control | kWh/(m²a) | -39,49                                                                                                                                                     |
| Specific energy consumption under warmer climate conditions with manual control  | kWh/(m²a) | -15,21                                                                                                                                                     |
| 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                                                                       |           | 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, manual control                                                   |           | 1,00                                                                                                                                                       |
| 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 manual control     | kWh/a     | 193                                                                                                                                                        |
| Annual power consumption under average climate conditions with manual control    | kWh/a     | 193                                                                                                                                                        |
| Annual power consumption under warmer climate conditions with manual control     | kWh/a     | 193                                                                                                                                                        |
| Annual heating savings under colder climate conditions with manual control       | kWh/a     | 8668                                                                                                                                                       |
| Annual heating savings under average climate conditions with manual control      | kWh/a     | 4431                                                                                                                                                       |
| Annual heating savings under warmer climate conditions with manual control       | kWh/a     | 2004                                                                                                                                                       |