

**Product datasheet: Non-mechanical ventilation system to Regulation (EU) No 1253/2014**

|                                                                                                                                            |                       | <b>LTM dezent 800 topline KE GIT</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------|
|                                                                                                                                            |                       | 190707                               |
| Manufacturer                                                                                                                               |                       | tecalor                              |
| Ventilation unit type                                                                                                                      |                       | NWLA, Zwei Richtungen                |
| Drive type                                                                                                                                 |                       | Drehzahl geregelt                    |
| Heat recovery type                                                                                                                         |                       | anderes                              |
| Rate of temperature change for heat recovery                                                                                               | %                     | 83,7                                 |
| Nominal NRVU flow rate                                                                                                                     | m <sup>3</sup> /s     | 0,150                                |
| Effective electric power input                                                                                                             | kW                    | 0,335                                |
| SVLint                                                                                                                                     | W/(m <sup>3</sup> /s) | 942                                  |
| Face velocity at design flow rate                                                                                                          | m/s                   | 0,86                                 |
| Nominal external pressure ( $\Delta p_{s,ext}$ )                                                                                           | Pa                    | 50                                   |
| Internal pressure drop of ventilation components ( $\Delta p_{s,int}$ )                                                                    | Pa                    | 225                                  |
| Static efficiency of fans used in accordance with Regulation (EU) No. 327/2011                                                             | %                     | 40,95                                |
| Maximum internal leakage rate of bidirectional ventilation units                                                                           | %                     | 9,23                                 |
| Maximum external leakage rate of the casing of ventilation units                                                                           | %                     | 5,2                                  |
| Energy performance, preferably energy classification, of the filters (declared information about the calculated annual energy consumption) | kWh                   | 60,2                                 |
| Filter change indicator                                                                                                                    |                       | x                                    |
| Casing sound power level LWA of NRVUs specified for use indoors                                                                            | dB                    | 40                                   |