

|  |                    |  |   |                        |   |                       |   |
|--|--------------------|--|---|------------------------|---|-----------------------|---|
| <b>a) Hersteller</b><br>manufacturer's name  |                    | AEREX HaustechnikSysteme GmbH              |   |                        |   |                       |   |
| <b>b) Modellkennung (Code)</b><br>manufacturer's model identifier (code)   |                    | RLT 4000 MV4540VL-PH-EH-Mode 5 (0040.2841) |   |                        |   |                       |   |
| <b>c) Typ</b><br>typology  |                    | RVU  | – | BVU                    | x |                       |   |
|  |                    | NRVU                                       | x | UVU                    | – |                       |   |
| <b>d) Art des eingebauten / einzubauenden Antriebes</b><br>type of drive installed / intended to be installed      |                    | multi-speed                                | – | installed              | – |                       |   |
|  |                    | VSD  | x | intended to be instal. | – |                       |   |
| <b>e) Art des WRS</b><br>type of HRS   |                    | Kreislaufver. /<br>run-around              | – | anderes /<br>other     | x | keines /<br>none      | – |
|  |                    |  |   |                        |   |                       |   |
| <b>f) Thermischer Übertragungsgrad der WRG</b><br>thermal efficiency of heat recovery                              | $\eta_{t\_nrvu}$   | 83,2                                       |   |                        |   | %                     |   |
| <b>g) Nenn-Luftvolumenstrom der NWLA</b><br>nominal NRVU flow rate   | $q_{nom}$          | 1,11                                       |   |                        |   | m <sup>3</sup> /s     |   |
| <b>h) Tatsächliche elektrische Eingangsleistung</b><br>effective electric power input                              | $p$                | 2,09                                       |   |                        |   | kW                    |   |
| <b>i) Innere spezifische Ventilatorleistung</b><br>internal specific fan power                                     | $SFP_{int}$        | 1124                                       |   |                        |   | W/(m <sup>3</sup> /s) |   |
| <b>j) Anströmgeschwindigkeit</b><br>face velocity  |                    | 2,14                                       |   |                        |   | m/s                   |   |
| <b>k) Nennaußendruck</b><br>nominal external pressure  | $\Delta p_{s,ext}$ | 200  |   |                        |   | Pa                    |   |
| <b>l) Interner Druckabfall von Lüftungsbauteilen</b><br>internal pressure drop ventilation components              | $\Delta p_{s,int}$ | 292,6                                      |   |                        |   | Pa                    |   |
| <b>m) Interner Druckabfall von Nichtlüftungsbauteilen</b><br>internal pressure drop non-ventilation components     | $\Delta p_{s,add}$ | –  |   |                        |   | Pa                    |   |
| <b>n) Statischer Wirkungsgrad Ventilator</b><br>static efficiency of fans (RegulationNr. 327/2011)                 | $\eta_{fan}$       | 52,8                                       |   |                        |   | %                     |   |
| <b>o) Äußere Höchstleckluft rate</b><br>declared maximum external leakage rate                                     |                    | L2 %                                       |   |                        |   | %                     |   |
| <b>Innere Höchstleckluft rate</b><br>declared maximum internal leakage rate  |                    | 1  |   |                        |   | %                     |   |
| <b>p) Energetische Eigenschaften der Filter</b><br>energy performance of the filters                               |                    | –  |   |                        |   | kWh/a                 |   |
| <b>q) Beschreibung optische Filterwarnanzeige</b><br>description of visual filter warning                          |                    | HMI Panel                                  |   |                        |   |                       |   |
| <b>r) Gehäuse-Schalleistungspegel</b><br>casing sound power level  | $L_{wa}$           | 70   |   |                        |   | dB[A]                 |   |
| <b>s) Internetadresse für Anweisungen zur Zerlegung/Demontage</b><br>internet address for disassembly instructions |                    | www.aerex.de                               |   |                        |   |                       |   |