

|                                                                                                                       |  |                                                                                                                                                         |               |                   |                        |                  |              |  |
|-----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|------------------------|------------------|--------------|--|
| <b>a) Hersteller</b><br><i>manufacturer's name</i>                                                                    |  | AEREX HaustechnikSysteme GmbH                                                                                                                           |               |                   |                        |                  |              |  |
| <b>b) Modellkennung (Code)</b><br><br><i>manufacturer's model identifier (code)</i>                                   |  | geniovent.X 900 H-W(D)-E-SU<br>geniovent.X 900 H-W(D)-E-SO<br>geniovent.X 900 H-W(D)-E-K1<br>geniovent.X 900 H-W(D)-E-K2<br>geniovent.X 900 H-W(D)-E-K3 |               |                   |                        |                  |              |  |
| <b>c) Typ</b><br><i>typology</i>                                                                                      |  | <b>RVU</b>                                                                                                                                              |               | <b>BVU</b>        | X                      |                  |              |  |
|                                                                                                                       |  | <b>NRVU</b>                                                                                                                                             | X             | <b>UVU</b>        |                        |                  |              |  |
| <b>d) Art des eingebauten/einzubauenden Antriebs</b><br><i>type of drive installed/intended to be installed</i>       |  | multi speed                                                                                                                                             |               |                   | installed              |                  | X            |  |
|                                                                                                                       |  | VSD                                                                                                                                                     |               | X                 | intended to be instal. |                  |              |  |
| <b>e) Art des WRS</b><br><i>type of hrs</i>                                                                           |  | Kreislaufver. /<br>run-around                                                                                                                           |               | anders /<br>other | X                      | keines /<br>none |              |  |
| <b>f) Thermischer Übertragungsgrad der WRG</b><br><i>thermal efficiency of heat recovery</i>                          |  | $\eta_{t\_nrvu}$                                                                                                                                        | 80,2          |                   |                        |                  | %            |  |
| <b>g) Nenn-Luftvolumenstrom der NWLA</b><br><i>nominal NRVU flow rate</i>                                             |  | $q_{nom}$                                                                                                                                               | 580<br>0,1611 |                   |                        |                  | m³/h<br>m³/s |  |
| <b>h) Tatsächliche elektrische Eingangsleistung</b><br><i>effective electric power input</i>                          |  | $p$                                                                                                                                                     | 0,136         |                   |                        |                  | kW           |  |
| <b>i) Innere spezifische Ventilatorleistung</b><br><i>internal specific fan power</i>                                 |  | $SFP_{int}$                                                                                                                                             | 841           |                   |                        |                  | W/(m³/s)     |  |
| <b>j) Anströmgeschwindigkeit</b><br><i>face velocity</i>                                                              |  | 0,9                                                                                                                                                     |               |                   |                        | m/s              |              |  |
| <b>k) Nennaußendruck</b><br><i>nominal external pressure</i>                                                          |  | $\Delta p_{s,ext}$                                                                                                                                      | 10            |                   |                        |                  | Pa           |  |
| <b>l) Interner Druckabfall von Lüftungsbauteilen</b><br><i>internal pressure drop ventilation components</i>          |  | $\Delta p_{s,int}$                                                                                                                                      | 180           |                   |                        |                  | Pa           |  |
| <b>m) Interner Druckabfall von Nichtlüftungsbauteilen</b><br><i>internal pressure drop non-ventilation components</i> |  | $\Delta p_{s,add}$                                                                                                                                      | -             |                   |                        |                  | Pa           |  |
| <b>n) Statischer Wirkungsgrad Ventilator</b><br><i>static efficiency of fans (RegulationNr. 327/2011)</i>             |  | $\eta_{fan}$                                                                                                                                            | 55,2          |                   |                        |                  | %            |  |
| <b>o) Äußere Höchstlecklufrate</b><br><i>declared maximum external leakage rate</i>                                   |  | 2                                                                                                                                                       |               |                   |                        | %                |              |  |
| <b>Innere Höchstlecklufrate</b><br><i>declared maximum internal leakage rate</i>                                      |  | 2                                                                                                                                                       |               |                   |                        | %                |              |  |
| <b>p) Energetische Eigenschaften der Filter</b><br><i>energy performance of the filters</i>                           |  | -                                                                                                                                                       |               |                   |                        | kWh/a            |              |  |
| <b>q) Beschreibung optische Filterwarnanzeige</b><br><i>description of visual filter warning</i>                      |  | LED - replace the filter continuously to preserve the device properties                                                                                 |               |                   |                        |                  |              |  |
| <b>r) Gehäuse-Schallleistungspegel</b><br><i>casing sound power level</i>                                             |  | $L_{WA...}$                                                                                                                                             | 50*           |                   |                        |                  | dB[A]        |  |
| <b>s) Internetadresse</b><br><i>internet address</i>                                                                  |  | www.aerex.de                                                                                                                                            |               |                   |                        |                  |              |  |

\* Schalldruck < 35 dB (A) bei einer Raumdämpfung bis 15 dB