

|                                                                                                                                                               |                    |                                                                        |   |                        |   |                  |   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------|---|------------------------|---|------------------|---|--|
| <b>a) Hersteller</b><br>manufacturer's name                                                                                                                   |                    | AEREX HaustechnikSysteme GmbH                                          |   |                        |   |                  |   |  |
| <b>b) Modellkennung (Code)</b><br>manufacturer's model identifier (code)                                                                                      |                    | Reco-Boxx 2100 Flat-H-R / WN (0040.2071)                               |   |                        |   |                  |   |  |
| <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                                                                         | $\eta_{t\_nrvu}$   | 80                                                                     |   |                        |   | %                |   |  |
| <b>g) Nenn-Luftvolumenstrom der NWLA</b><br>nominal NRVU flow rate                                                                                            | $q_{nom}$          | 0,28                                                                   |   |                        |   | m³/s             |   |  |
| <b>h) Tatsächliche elektrische Eingangsleistung</b><br>effective electric power input                                                                         | $p$                | 0,51                                                                   |   |                        |   | kW               |   |  |
| <b>i) Innere spezifische Ventilatorleistung</b><br>internal specific fan power                                                                                | $SFP_{int}$        | 523                                                                    |   |                        |   | W/(m³/s)         |   |  |
| <b>j) Anströmgeschwindigkeit</b><br>face velocity                                                                                                             |                    | 1,77                                                                   |   |                        |   | m/s              |   |  |
| <b>k) Nennaußendruck</b><br>nominal external pressure                                                                                                         | $\Delta p_{s,ext}$ | 100                                                                    |   |                        |   | Pa               |   |  |
| <b>l) Interner Druckabfall von Lüftungsbauteilen</b><br>internal pressure drop ventilation components                                                         | $\Delta p_{s,int}$ | 168                                                                    |   |                        |   | Pa               |   |  |
| <b>m) Interner Druckabfall von Nichtlüftungsbauteilen</b><br>internal pressure drop non-ventilation components                                                | $\Delta p_{s,add}$ | 168                                                                    |   |                        |   | Pa               |   |  |
| <b>n) Statischer Wirkungsgrad Ventilator</b><br>static efficiency of fans (RegulationNr. 327/2011)                                                            | $\eta_{fan}$       | 40                                                                     |   |                        |   | %                |   |  |
| <b>o) Äußere Höchstlecklufrate</b><br>declared maximum external leakage rate<br><br><b>Innere Höchstlecklufrate</b><br>declared maximum internal leakage rate |                    | L3 (<3%)                                                               |   |                        |   | %                |   |  |
|                                                                                                                                                               |                    | 2                                                                      |   |                        |   | %                |   |  |
| <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                                                                     |                    | LED - replace the filter continously to preserve the device properties |   |                        |   |                  |   |  |
| <b>r) Gehäuse-Schallleistungspegel</b><br>casing sound power level                                                                                            | $L_{WA}$           | 66                                                                     |   |                        |   | dB[A]            |   |  |
| <b>s) Internetadresse für Anweisungen zur Zerlegung/Demontage</b><br>internet address for disassembly instructions                                            |                    | www.aerex.de                                                           |   |                        |   |                  |   |  |