

|                                                                                                                        |  |                                  |                                                                        |                  |  |                            |          |                        |   |
|------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|------------------------------------------------------------------------|------------------|--|----------------------------|----------|------------------------|---|
| a) Lieferant<br>supplier's name                                                                                        |  | AEREX HaustechnikSysteme GmbH    |                                                                        |                  |  |                            |          |                        |   |
| b) Modellkennung (Code)<br>supplier model identifier (code)                                                            |  | Reco-Boxx 450 Flat-L (0040.0441) |                                                                        |                  |  |                            |          |                        |   |
| c) Spezifischer Energieverbrauch<br>specific energy consumption<br>SEC class - climate zone „average“                  |  | SEC                              | kalt / cold                                                            | mittel / average |  | warm / warm                |          | kWh /(m²·a)            |   |
|                                                                                                                        |  |                                  | -76                                                                    | -38              |  | -14                        |          |                        |   |
|                                                                                                                        |  |                                  | A                                                                      |                  |  |                            |          |                        |   |
| d) Typ<br>typology                                                                                                     |  |                                  | RVU                                                                    | x                |  | BVU                        | x        |                        |   |
|                                                                                                                        |  |                                  | NRVU                                                                   | —                |  | UVU                        | —        |                        |   |
| e) Art des eingebauten / einzubauenden Antriebes<br>type of drive installed / intended to be installed                 |  |                                  | single speed                                                           | —                |  | multi-speed                | —        | installed              | — |
|                                                                                                                        |  |                                  | 2-speed                                                                | —                |  | VSD                        | x        | intended to be instal. | — |
| f) Art des Wärmerückgewinnungssystems (WRG)<br>type of heat recovery system                                            |  |                                  | rekuperativ / recuperative                                             | x                |  | regenerativ / regenerative | —        | keines / none          | — |
| g) Temperaturänderungsgrad der WRG<br>thermal efficiency of heat recovery                                              |  | η <sub>t</sub>                   | 80                                                                     |                  |  |                            |          | %                      |   |
| h) Höchster Luftvolumenstrom<br>maximum flow rate                                                                      |  |                                  | 450                                                                    |                  |  |                            |          | m³/h                   |   |
| i) Elektrische Eingangsleistung Ventilatorantrieb<br>electric power input of the fan drive                             |  |                                  | 372                                                                    |                  |  |                            |          | W                      |   |
| j) Schallleistungspegel<br>sound power level                                                                           |  | L <sub>WA</sub>                  | 59                                                                     |                  |  |                            |          | dB[A]                  |   |
| k) Bezugs-Luftvolumenstrom<br>reference flow rate                                                                      |  |                                  | 0,09                                                                   |                  |  |                            |          | m³/s                   |   |
| l) Bezugs-Druckdifferenz<br>reference pressure difference                                                              |  |                                  | 50                                                                     |                  |  |                            |          | Pa                     |   |
| m) Spezifische Eingangsleistung<br>specific power input                                                                |  | SPI                              | 0,47                                                                   |                  |  |                            |          | W/(m³/h)               |   |
| n) Steuerungsfaktor und Steuerungstypologie<br>control factor and control typology                                     |  |                                  | CTRL                                                                   | MISC             |  | X-Value                    |          | -                      |   |
|                                                                                                                        |  |                                  | 0,65                                                                   |                  |  |                            |          |                        |   |
| o) Innere Höchstlufrate / Äußere Höchstlufrate<br>max. internal leakage rate / max. external leakage rate              |  |                                  | innere / internal                                                      | A2 (<5%)         |  | äußere / external          | A1 (<2%) | %                      |   |
| p) Mischrate<br>mixing rate                                                                                            |  |                                  | —                                                                      |                  |  |                            |          | %                      |   |
| q) Lage und Beschreibung optische Filterwarnanzeige<br>position and description of visual filter warning               |  |                                  | LED - replace the filter continously to preserve the device properties |                  |  |                            |          |                        |   |
| r) Anweisungen für Anbringung regelbarer AUL- / ABL-Gitter<br>instructions to install regulated supply/exhaust grilles |  |                                  | siehe Montageanleitung                                                 |                  |  |                            |          |                        |   |
| s) Internetadresse für Anweisungen zur Zerlegung/Demontage<br>internet address for disassembly instructions            |  |                                  | www.aerex.de                                                           |                  |  |                            |          |                        |   |
| t) Druckschwankungsempfindlichkeit Luftstrom<br>airflow sensitivity to pressure variations at -20 Pa / +20 Pa          |  |                                  | —                                                                      |                  |  |                            |          | %                      |   |
| u) Luftdichtheit zwischen innen und außen<br>indoor / outdoor air tightness                                            |  |                                  | —                                                                      |                  |  |                            |          | m³/h                   |   |