

|                                                                                                                        |  |                               |                                                                          |                  |                            |             |   |               |  |
|------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--------------------------------------------------------------------------|------------------|----------------------------|-------------|---|---------------|--|
| a) Lieferant<br>supplier's name                                                                                        |  | AEREX HaustechnikSysteme GmbH |                                                                          |                  |                            |             |   |               |  |
| b) Modellkennung (Code)<br>supplier model identifier (code)                                                            |  | Reco-Boxx 170 CBL (0040.0088) |                                                                          |                  |                            |             |   |               |  |
| c) Spezifischer Energieverbrauch<br>specific energy consumption<br>SEC class - climate zone „average“                  |  | SEC                           | kalt / cold                                                              | mittel / average |                            | warm / warm |   | kWh /(m²·a)   |  |
|                                                                                                                        |  |                               | -77,5                                                                    | -38,6            |                            | -13,7       |   |               |  |
|                                                                                                                        |  |                               |                                                                          | A                |                            |             |   |               |  |
| d) Typ<br>typology                                                                                                     |  |                               | RVU                                                                      | —                | BVU                        |             | x |               |  |
|                                                                                                                        |  |                               | NRVU                                                                     | —                | UVU                        |             | — |               |  |
| e) Art des eingebauten / einzubauenden Antriebes<br>type of drive installed / intended to be installed                 |  |                               | multi-speed                                                              | —                | installed                  |             | x | —             |  |
|                                                                                                                        |  |                               | 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>                | 90                                                                       |                  |                            |             |   | %             |  |
| h) Höchster Luftvolumenstrom<br>maximum flow rate                                                                      |  |                               | 160                                                                      |                  |                            |             |   | m³/h          |  |
| i) Elektrische Eingangsleistung Ventilatorantrieb<br>electric power input of the fan drive                             |  |                               | 75                                                                       |                  |                            |             |   | W             |  |
| j) Schallleistungspegel<br>sound power level                                                                           |  | L <sub>WA</sub>               | 32                                                                       |                  |                            |             |   | dB[A]         |  |
| k) Bezugs-Luftvolumenstrom<br>reference flow rate                                                                      |  |                               | 0,0322                                                                   |                  |                            |             |   | m³/s          |  |
| l) Bezugsdruckdifferenz<br>reference pressure difference                                                               |  |                               | 50                                                                       |                  |                            |             |   | Pa            |  |
| m) Spezifische Eingangsleistung<br>specific power input                                                                |  | SPI                           | 0,32                                                                     |                  |                            |             |   | W/(m³/h)      |  |
| n) Steuerungsfaktor und Steuerungstypologie<br>control factor and control typology                                     |  |                               | CTRL                                                                     | MISC             |                            | X-Value     |   | -             |  |
|                                                                                                                        |  |                               | 0,85                                                                     | 1,1              |                            | 2           |   |               |  |
| o) Innere Höchstleckluft rate / Äußere Höchstleckluft rate<br>max. internal leakage rate / max. external leakage rate  |  |                               | innere / internal                                                        | 2                | äußere / external          |             | 2 | %             |  |
| p) Mischrate<br>mixing rate                                                                                            |  |                               | —                                                                        |                  |                            |             |   | %             |  |
| q) Lage und Beschreibung optische Filterwarnanzeige<br>position and description of visual filter warning               |  |                               | LED - replace the filter continuous-ly 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          |  |
| v) Jährlicher Stromverbrauch<br>annual electricity consumption                                                         |  | AEC                           | 3,3                                                                      |                  |                            |             |   | kWh/(m²·a)    |  |
| w) Jährliche Einsparung an Heizenergie<br>annual heating saved                                                         |  | AHS                           | kalt/cold                                                                | mittel / average |                            | warm / warm |   | kWh/(m²·a)    |  |
|                                                                                                                        |  |                               | 90,6                                                                     | 46,3             |                            | 20,9        |   |               |  |