



Produktdatenblatt RVU  
Product fiche RVU



|                                                                                                                      |                 |                                                                         |                |                              |           |   |                 |   |
|----------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------|----------------|------------------------------|-----------|---|-----------------|---|
| a) Lieferant<br>supplier's name                                                                                      |                 | Maico Elektroapparate-Fabrik GmbH                                       |                |                              |           |   |                 |   |
| b) Modellkennung(Code)<br>supplier model(code)                                                                       |                 | PPB 30 O (0095.0245)                                                    |                |                              |           |   |                 |   |
| c) spezifischer Energieverbrauch<br>specific energy consumption<br>SEC class - climate zone "average"                | SEC             | kalt/cold                                                               | mittel/average |                              | warm/warm |   | kWh/(m²*a)      |   |
|                                                                                                                      |                 | -72,15                                                                  | -33,46         |                              | -11,30    |   |                 |   |
|                                                                                                                      |                 |                                                                         | B              |                              |           |   |                 |   |
| d) Typ<br>typology                                                                                                   |                 | RVU                                                                     | x              | BVU                          |           | x |                 |   |
|                                                                                                                      |                 | NRVU                                                                    | -              | UVU                          |           | - |                 |   |
| e) Art des eingebauten/einzubauenden Antriebs<br>type of drive installed/intended to be installed                    |                 | multi speed                                                             | -              | installed                    |           | - |                 |   |
|                                                                                                                      |                 | VSD                                                                     | x              | intended to be instal.       |           | - |                 |   |
| f) Art des Wärmerückgewinnungssystems (WRG)<br>type of heat recovery system                                          |                 | rekuperativ/<br>recuperative                                            | -              | regenerativ/<br>regenerative |           | x | keines/<br>none | - |
| g) Temperaturänderungsgrad der WRG<br>thermal efficiency of heat recovery                                            | η <sub>t</sub>  | 73,3                                                                    |                |                              |           |   | %               |   |
| h) höchster Luftvolumenstrom<br>maximum flow rate                                                                    |                 | 26                                                                      |                |                              |           |   | m³/h            |   |
| i) elektrische Eingangsleistung Ventilatorantrieb<br>electric power input of the fan drive                           |                 | 5,3                                                                     |                |                              |           |   | W               |   |
| j) Schallleistungspegel<br>sound power level                                                                         | L <sub>WA</sub> | 50                                                                      |                |                              |           |   | dB[A]           |   |
| k) Bezugs-Luftvolumenstrom<br>reference flow rate                                                                    |                 | 0,005                                                                   |                |                              |           |   | m³/s            |   |
| l) Bezugsdruckdifferenz<br>reference pressure difference                                                             |                 | 0                                                                       |                |                              |           |   | Pa              |   |
| m) spezifische Eingangsleistung<br>specific power input                                                              | SPI             | 0,19                                                                    |                |                              |           |   | W/(m³/h)        |   |
| n) Steuerungsfaktor und Steuerungstypologie<br>control factor and control typology                                   |                 | CTRL                                                                    | MISC           |                              | x-value   |   |                 |   |
|                                                                                                                      |                 | 1                                                                       | 1,21           |                              | 2         |   |                 |   |
| o) innere Höchstlecklufrate/äußere Höchstlecklufrate<br>max. internal leakage rate / max. external leakage rate      |                 | innere/<br>internal                                                     | 1              | äußere/<br>external          |           | - | %               |   |
| p) Mischrate<br>mixing rate                                                                                          |                 | -                                                                       |                |                              |           |   | %               |   |
| q) Lage, Beschreibung optische Filterwarnanzeige<br>position, description of visual filter warning                   |                 | LED - replace the filter continuously to preserve the device properties |                |                              |           |   |                 |   |
| r) Anweisungen für Anbringung regelbarer AUL-/ABL-Gitter<br>instructions to install regulated supply/exhaust grilles |                 | -                                                                       |                |                              |           |   |                 |   |
| s) Internetadresse für Anweisungen zur Zerlegung/Demontage<br>internet address for disassembly instructions          |                 | www.maico-ventilatoren.com                                              |                |                              |           |   |                 |   |
| t) Druckschwankungsempfindlichkeit Luftstrom<br>airflow sensitivity to pressure variations at -20 Pa and +20 Pa      |                 | 36                                                                      |                |                              |           |   | %               |   |
| u) Luftdichtheit zwischen innen und außen<br>indoor / outdoor air tightness                                          |                 | -                                                                       |                |                              |           |   | m³/h            |   |
| v) jährlicher Stromverbrauch<br>annual electricity consumption                                                       | AEC             | 3,1                                                                     |                |                              |           |   | kWh/(m²*a)      |   |
| w) jährliche Einsparung an Heizenergie<br>annual heating saved                                                       | AHS             | kalt/cold                                                               | mittel/average |                              | warm/warm |   | kWh/(m²*a)      |   |
|                                                                                                                      |                 | 79.1                                                                    | 40.5           |                              | 18.3      |   |                 |   |



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| a) Lieferant<br>supplier's name                                                                                      |                 | Maico Elektroapparate-Fabrik GmbH                                                              |                |                              |           |   |                 |            |
| b) Modellkennung(Code)<br>supplier model(code)                                                                       |                 | PPB 30 K (0095.0246), PPB 30 RC (0095.0244),<br>PPB 30 O (0095.0245) mit PP 45 HYI (0157.0364) |                |                              |           |   |                 |            |
| c) spezifischer Energieverbrauch<br>specific energy consumption<br>SEC class - climate zone "average"                | SEC             | kalt/cold                                                                                      | mittel/average |                              | warm/warm |   | kWh/(m²*a)      |            |
|                                                                                                                      |                 | -81,78                                                                                         | -40,23         |                              | -16,43    |   |                 |            |
|                                                                                                                      |                 | A                                                                                              |                |                              |           |   |                 |            |
| d) Typ<br>typology                                                                                                   |                 | RVU                                                                                            | x              | BVU                          |           | x |                 |            |
|                                                                                                                      |                 | NRVU                                                                                           | -              | UVU                          |           | - |                 |            |
| e) Art des eingebauten/einzubauenden Antriebs<br>type of drive installed/intended to be installed                    |                 | multi speed                                                                                    | -              | installed                    |           | - |                 |            |
|                                                                                                                      |                 | VSD                                                                                            | x              | intended to be instal.       |           | - |                 |            |
| f) Art des Wärmerückgewinnungssystems (WRG)<br>type of heat recovery system                                          |                 | rekuperativ/<br>recuperative                                                                   | -              | regenerativ/<br>regenerative |           | x | keines/<br>none | -          |
| g) Temperaturänderungsgrad der WRG<br>thermal efficiency of heat recovery                                            | η <sub>t</sub>  | 73,3                                                                                           |                |                              |           |   |                 | %          |
| h) höchster Luftvolumenstrom<br>maximum flow rate                                                                    |                 | 26                                                                                             |                |                              |           |   |                 | m³/h       |
| i) elektrische Eingangsleistung Ventilatorantrieb<br>electric power input of the fan drive                           |                 | 5,3                                                                                            |                |                              |           |   |                 | W          |
| j) Schallleistungspegel<br>sound power level                                                                         | L <sub>WA</sub> | 50                                                                                             |                |                              |           |   |                 | dB[A]      |
| k) Bezugs-Luftvolumenstrom<br>reference flow rate                                                                    |                 | 0,005                                                                                          |                |                              |           |   |                 | m³/s       |
| l) Bezugsdruckdifferenz<br>reference pressure difference                                                             |                 | 0                                                                                              |                |                              |           |   |                 | Pa         |
| m) spezifische Eingangsleistung<br>specific power input                                                              | SPI             | 0,19                                                                                           |                |                              |           |   |                 | W/(m³/h)   |
| n) Steuerungsfaktor und Steuerungstypologie<br>control factor and control typology                                   |                 | CTRL                                                                                           | MISC           |                              | x-value   |   |                 |            |
|                                                                                                                      |                 | 0,65                                                                                           | 1,21           |                              | 2         |   |                 |            |
| o) innere Höchstleakfluhrate/äußere Höchstleakfluhrate<br>max. internal leakage rate / max. external leakage rate    |                 | innere/<br>internal                                                                            | 1              | äußere/<br>external          |           | - |                 | %          |
| p) Mischrate<br>mixing rate                                                                                          |                 | -                                                                                              |                |                              |           |   |                 | %          |
| q) Lage, Beschreibung optische Filterwarnanzeige<br>position, description of visual filter warning                   |                 | LED - replace the filter continuously to preserve the device properties                        |                |                              |           |   |                 |            |
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| t) Druckschwankungsempfindlichkeit Luftstrom<br>airflow sensitivity to pressure variations at -20 Pa and +20 Pa      |                 | 36                                                                                             |                |                              |           |   |                 | %          |
| u) Luftdichtheit zwischen innen und außen<br>indoor / outdoor air tightness                                          |                 | -                                                                                              |                |                              |           |   |                 | m³/h       |
| v) jährlicher Stromverbrauch<br>annual electricity consumption                                                       | AEC             | 1,6                                                                                            |                |                              |           |   |                 | kWh/(m²*a) |
| w) jährliche Einsparung an Heizenergie<br>annual heating saved                                                       | AHS             | kalt/cold                                                                                      | mittel/average |                              | warm/warm |   | kWh/(m²*a)      |            |
|                                                                                                                      |                 | 85,0                                                                                           | 43,4           |                              | 19,6      |   |                 |            |