

# ECODESIGN INFORMATION

Applies to residential ventilation units (RVU)

According to Regulation EU No 1253/2014 of the European Commission, implementing Directive 2009/125/CE of European Parliament

|  |                      |                      |                      |                      |                      |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| a) Brand   | SISTEVEN, SLU        | SISTEVEN, SLU        | SISTEVEN, SLU        | SISTEVEN, SLU        | SISTEVEN, SLU        |
| b) Model   | DAS-100              | DAS-125              | DAS-150              | DAS-200              | DAS-250              |
| c) Specific energy consumption (SEC) average climate (kWh/(m².yr)) | -23.7                | -24.2                | -24.8                | -24                  | -24.1                |
| c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))    | -50.8                | -51.2                | -51.8                | -51                  | -51.2                |
| c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))    | -8.2                 | -8.7                 | -9.3                 | -8.5                 | -8.6                 |
| c) SEC class   | C                    | C                    | C                    | C                    | C                    |
| d) Typology  | RVU / UVU            | RVU / UVU            | RVU / UVU            | RVU / UVU            | RVU / UVU            |
| e) Drive type  | Multi-speed          | Multi-speed          | Multi-speed          | Multi-speed          | Multi-speed          |
| f) HRS type  | None                 | None                 | None                 | None                 | None                 |
| g) Thermal efficiency of heat recovery (%)                         |                      |                      |                      |                      |                      |
| h) Maximum flow rate (m³/h)  | 210                  | 259                  | 381                  | 857                  | 922                  |
| i) Electric power input of the fan drive at maximum flow rate (W)  | 41                   | 46                   | 58                   | 158                  | 164                  |
| j) Sound power level (LWA) (dBA)                                   | 61                   | 63                   | 63                   | 69                   | 69                   |
| k) Reference flow rate (m³/s)                                      | 0.041                | 0.05                 | 0.074                | 0.167                | 0.179                |
| l) Reference pressure difference (Pa)                              | 208                  | 198                  | 210                  | 295                  | 295                  |
| m) SPI (W/m³/h)  | 0.28                 | 0.25                 | 0.22                 | 0.26                 | 0.26                 |
| n) Control factor  | 0.65                 | 0.65                 | 0.65                 | 0.65                 | 0.65                 |
| n) Control typology  | Local demand control | Local demand control | Local demand control | Local demand control | Local demand control |
| o) Declared max. internal leakage rate (%)                         | 2.0                  | 2.0                  | 2.0                  | 2.0                  | 2.0                  |
| o) Max. external leakage rate (%)                                  | 3.2                  | 2.7                  | 1.8                  | 0.8                  | 0.7                  |
| p) Mixing rate   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 |
| q) Position and description of visual filter warning               | Not applicable       | Not applicable       | Not applicable       | Not applicable       | Not applicable       |
| r) Instructions to install regulated grilles                       | See manual           | See manual           | See manual           | See manual           | See manual           |
| s) Website   | www.sodeca.com       | www.sodeca.com       | www.sodeca.com       | www.sodeca.com       | www.sodeca.com       |
| t) Airflow sensitivity to pressure variations at +20 Pa and -20 Pa | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 |
| u) Indoor/outdoor air tightness                                    | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 |
| v) Annual electricity consumption (AEC) average climate (kWh/yr)   | 200                  | 200                  | 100                  | 200                  | 200                  |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr)      | 200                  | 200                  | 100                  | 200                  | 200                  |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr)      | 200                  | 200                  | 100                  | 200                  | 200                  |
| w) Annual heating saved (AHS) average climate (kWh/yr)             | 2800                 | 2800                 | 2800                 | 2800                 | 2800                 |
| w) Annual heating saved (AHS) warm climate (kWh/yr)                | 1300                 | 1300                 | 1300                 | 1300                 | 1300                 |
| w) Annual heating saved (AHS) cold climate (kWh/yr)                | 5500                 | 5500                 | 5500                 | 5500                 | 5500                 |
| ErP compliance   | 2018                 | 2018                 | 2018                 | 2018                 | 2018                 |