

# 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  | SODECA, SLU          | SODECA, SLU          | SODECA, SLU          | SODECA, SLU          | SODECA, SLU          | SODECA, SLU          | SODECA, SLU          | SODECA, SLU          |
| b) Model  | CTD-125/B            | CTD-150/B            | CTD-160/B            | CTD-200/B            | CTD-125/C            | CTD-150/C            | CTD-160/C            | CTD-200/C            |
| c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr)) | -26.2                | -26.2                | -26.2                | -26.8                | -26.2                | -26.2                | -26.2                | -26.8                |
| c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))    | -53.2                | -53.2                | -53.2                | -53.8                | -53.2                | -53.2                | -53.2                | -53.8                |
| c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))    | -10.7                | -10.7                | -10.7                | -11.3                | -10.7                | -10.7                | -10.7                | -11.3                |
| c) SEC class  | B                    | B                    | B                    | B                    | B                    | B                    | B                    | B                    |
| d) Typology   | RVU / UVU            | RVU / UVU            | RVU / UVU            | RVU / UVU            | RVU / UVU            | RVU / UVU            | RVU / UVU            | RVU / UVU            |
| e) Drive type   | Variable speed       | Variable speed       | Variable speed       | Variable speed       | Variable speed       | Variable speed       | Variable speed       | Variable speed       |
| f) HRS type   | None                 | None                 | None                 | None                 | None                 | None                 | None                 | None                 |
| g) Thermal efficiency of heat recovery (%)                                      |                      |                      |                      |                      |                      |                      |                      |                      |
| h) Maximum flow rate (m <sup>3</sup> /h)  | 353                  | 353                  | 353                  | 834                  | 353                  | 353                  | 353                  | 834                  |
| i) Electric power input of the fan drive at maximum flow rate (W)               | 74                   | 74                   | 74                   | 126                  | 74                   | 74                   | 74                   | 126                  |
| j) Sound power level (LWA) (dBA)  | 61                   | 61                   | 61                   | 61                   | 61                   | 61                   | 61                   | 61                   |
| k) Reference flow rate (m <sup>3</sup> /s)                                      | 0.069                | 0.069                | 0.069                | 0.162                | 0.069                | 0.069                | 0.069                | 0.162                |
| l) Reference pressure difference (Pa)   | 50                   | 50                   | 50                   | 50                   | 50                   | 50                   | 50                   | 50                   |
| m) SPI (W/m <sup>3</sup> /h)  | 0.162                | 0.162                | 0.162                | 0.117                | 0.162                | 0.162                | 0.162                | 0.117                |
| n) Control factor   | 0.65                 | 0.65                 | 0.65                 | 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 | Local demand control | Local demand control | Local demand control |
| o) Declared max. internal leakage rate (%)                                      | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  |
| o) Max. external leakage rate (%)   | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  |
| p) Mixing rate  | 0.00                 | 0.00                 | 0.00                 | 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       | Not applicable       | Not applicable       | Not applicable       |
| r) Instructions to install regulated grilles                                    | Not applicable       | See manual           | See manual           | See manual           | Not applicable       | See manual           | See manual           | See manual           |
| s) Website  | www.sodeca.com       | www.sodeca.com       | www.sodeca.com       | 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                 | 0.00                 | 0.00                 | 0.00                 |
| u) Indoor/outdoor air tightness   | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 | 0.00                 |
| v) Annual electricity consumption (AEC) average climate (kWh/yr)                | 100                  | 100                  | 100                  | 100                  | 100                  | 100                  | 100                  | 100                  |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr)                   | 100                  | 100                  | 100                  | 100                  | 100                  | 100                  | 100                  | 100                  |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr)                   | 100                  | 100                  | 100                  | 100                  | 100                  | 100                  | 100                  | 100                  |

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|  |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|
| w) Annual heating saved (AHS) average climate (kWh/yr) | 2800 | 2800 | 2800 | 2800 | 2800 | 2800 | 2800 | 2800 |
| w) Annual heating saved (AHS) warm climate (kWh/yr)    | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 |
| w) Annual heating saved (AHS) cold climate (kWh/yr)    | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 |
| ErP compliance   | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 |