

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 ² .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 ² .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 ² .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 ³ /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 ³ /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 ³ /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 |