

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 |
| b) Model | CA/LINE/EC-10 | CA/LINE/EC-12 | CA/LINE/EC-15 | CA/LINE/EC-16 | CA/LINE/EC-20 |
| c) Specific energy consumption (SEC) average climate (kWh/(m ² .yr)) | -26.2 | -26.8 | -27.1 | -27.1 | -27.3 |
| c) Specific energy consumption (SEC) cold climate (kWh/(m ² .yr)) | -53.3 | -53.8 | -54.1 | -54.1 | -54.4 |
| c) Specific energy consumption (SEC) warm climate (kWh/(m ² .yr)) | -10.7 | -11.3 | -11.6 | -11.6 | -11.8 |
| c) SEC class | C | C | C | C | C |
| d) Typology | RVU / UVU | RVU / UVU | RVU / UVU | RVU / UVU | RVU / UVU |
| e) Drive type | Variable speed | Variable speed | Variable speed | Variable speed | Variable speed |
| f) HRS type | None | None | None | None | None |
| g) Thermal efficiency of heat recovery (%) | | | | | |
| h) Maximum flow rate (m ³ /h) | 287 | 393 | 635 | 657 | 790 |
| i) Electric power input of the fan drive at maximum flow rate (W) | 90 | 94 | 124 | 124 | 116 |
| j) Sound power level (LWA) (dBA) | 65 | 66 | 69 | 68 | 68 |
| k) Reference flow rate (m ³ /s) | 0.06 | 0.076 | 0.123 | 0.128 | 0.154 |
| l) Reference pressure difference (Pa) | 50 | 50 | 50 | 50 | 50 |
| m) SPI (W/m ³ /h) | 0.16 | 0.12 | 0.09 | 0.09 | 0.07 |
| 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 (%) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| o) Max. external leakage rate (%) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 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) | 82 | 62 | 49 | 49 | 40 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr) | 82 | 62 | 49 | 49 | 40 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr) | 82 | 62 | 49 | 49 | 40 |
| w) Annual heating saved (AHS) average climate (kWh/yr) | 2830 | 2830 | 2830 | 2830 | 2830 |
| w) Annual heating saved (AHS) warm climate (kWh/yr) | 1280 | 1280 | 1280 | 1280 | 1280 |
| w) Annual heating saved (AHS) cold climate (kWh/yr) | 5536 | 5536 | 5536 | 5536 | 5536 |
| ErP compliance | 2018 | 2018 | 2018 | 2018 | 2018 |