

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 |
| b) Model | SV-125/H | SV-125/H-T | SV-150/H | SV-150/H-T | SV-200/H | SV-200/H-T | SV-200/L |
| c) Specific energy consumption (SEC) average climate (kWh/(m ² .yr)) | -25.7 | -25.7 | -25.6 | -25.6 | -27.2 | -27.2 | -26.9 |
| c) Specific energy consumption (SEC) cold climate (kWh/(m ² .yr)) | -52.8 | -52.8 | -52.7 | -52.7 | -54.2 | -54.2 | -53.9 |
| c) Specific energy consumption (SEC) warm climate (kWh/(m ² .yr)) | -10.2 | -10.2 | -10.1 | -10.1 | -11.7 | -11.7 | -11.4 |
| c) SEC class | C | C | C | C | B | B | B |
| d) Typology | 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 |
| f) HRS type | None | None | None | None | None | None | None |
| g) Thermal efficiency of heat recovery (%) | | | | | | | |
| h) Maximum flow rate (m ³ /h) | 344 | 344 | 510 | 510 | 639 | 639 | 541 |
| i) Electric power input of the fan drive at maximum flow rate (W) | 53 | 53 | 4 | 4 | 41 | 41 | 44 |
| j) Sound power level (LWA) (dBA) | 41 | 41 | 52 | 52 | 56 | 56 | 54 |
| k) Reference flow rate (m ³ /s) | 0.067 | 0.067 | 0.099 | 0.099 | 0.124 | 0.124 | 0.105 |
| l) Reference pressure difference (Pa) | 49 | 49 | 49 | 49 | 49 | 49 | 49 |
| m) SPI (W/m ³ /h) | 0.195 | 0.195 | 0.202 | 0.202 | 0.086 | 0.086 | 0.108 |
| n) Control factor | 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 |
| o) Declared max. internal leakage rate (%) | 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 |
| p) Mixing rate | 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 |
| r) Instructions to install regulated grilles | See manual | See manual | 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 | 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 |
| u) Indoor/outdoor air tightness | 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 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr) | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr) | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| w) Annual heating saved (AHS) average climate (kWh/yr) | 2800 | 2800 | 2800 | 2800 | 2800 | 2800 | 2800 |
| w) Annual heating saved (AHS) warm climate (kWh/yr) | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 |
| w) Annual heating saved (AHS) cold climate (kWh/yr) | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 |
| ErP compliance | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 |

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| Parameter | SV-250/H | SV-250/L |
|--|--|--|
| b) Model | SV-250/H | SV-250/L |
| c) Specific energy consumption (SEC) average climate (kWh/(m².yr)) | -26.9 | -27.3 |
| c) Specific energy consumption (SEC) cold climate (kWh/(m².yr)) | -54 | -54.3 |
| c) Specific energy consumption (SEC) warm climate (kWh/(m².yr)) | -11.4 | -11.8 |
| c) SEC class | B | B |
| d) Typology | RVU / UVU | RVU / UVU |
| e) Drive type | Variable speed | Variable speed |
| f) HRS type | None | None |
| g) Thermal efficiency of heat recovery (%) | | |
| h) Maximum flow rate (m³/h) | 973 | 775 |
| i) Electric power input of the fan drive at maximum flow rate (W) | 72 | 40 |
| j) Sound power level (LWA) (dBA) | 54 | 58 |
| k) Reference flow rate (m³/s) | 0.189 | 0.151 |
| l) Reference pressure difference (Pa) | 49 | 49 |
| m) SPI (W/m³/h) | 0.103 | 0.077 |
| n) Control factor | 0.65 | 0.65 |
| n) Control typology | Local demand control | Local demand control |
| o) Declared max. internal leakage rate (%) | 0.0 | 0.0 |
| o) Max. external leakage rate (%) | 0.0 | 0.0 |
| p) Mixing rate | 0.00 | 0.00 |
| q) Position and description of visual filter warning | Not applicable | Not applicable |
| r) Instructions to install regulated grilles | See manual | See manual |
| s) Website | www.sodeca.com | www.sodeca.com |
| t) Airflow sensitivity to pressure variations at +20 Pa and -20 Pa | 0.00 | 0.00 |
| u) Indoor/outdoor air tightness | 0.00 | 0.00 |
| v) Annual electricity consumption (AEC) average climate (kWh/yr) | 100 | 100 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr) | 100 | 100 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr) | 100 | 100 |
| w) Annual heating saved (AHS) average climate (kWh/yr) | 2800 | 2800 |
| w) Annual heating saved (AHS) warm climate (kWh/yr) | 1300 | 1300 |
| w) Annual heating saved (AHS) cold climate (kWh/yr) | 5500 | 5500 |
| ErP compliance | 2018 | 2018 |