

# 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   | SVE/PLUS-100/L      | SVE/PLUS-125/L      | SVE/PLUS-150/L      | SVE/PLUS-160/L      | SVE/PLUS-200/L      | SVE/PLUS-250/L      | SVE/PLUS-125/H      |
| c) Specific energy consumption (SEC) average climate (kWh/(m².yr)) | -25.8               | -25.9               | -25.4               | -25.4               | -26.5               | -26.6               | -25.5               |
| c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))    | -52.9               | -53                 | -52.4               | -52.4               | -53.6               | -53.6               | -52.6               |
| c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))    | -10.3               | -10.4               | -9.9                | -9.9                | -11                 | -11.1               | -10                 |
| c) SEC class   | C                   | C                   | C                   | C                   | B                   | B                   | C                   |
| d) Typology  | RVU / UVU           | RVU / UVU           | RVU / UVU           | RVU / UVU           | RVU / UVU           | RVU / UVU           | RVU / UVU           |
| e) Drive type  | Velocidade variável | Velocidade variável | Velocidade variável | Velocidade variável | Velocidade variável | Velocidade variável | Velocidade variável |
| f) HRS type  | Nenhum              | Nenhum              | Nenhum              | Nenhum              | Nenhum              | Nenhum              | Nenhum              |
| g) Thermal efficiency of heat recovery (%)                         |                     |                     |                     |                     |                     |                     |                     |
| h) Maximum flow rate (m³/h)  | 261                 | 273                 | 322                 | 322                 | 665                 | 684                 | 341                 |
| i) Electric power input of the fan drive at maximum flow rate (W)  | 40                  | 39                  | 62                  | 62                  | 65                  | 65                  | 62                  |
| j) Sound power level (LWA) (dBA)                                   | 42                  | 42                  | 52                  | 52                  | 54                  | 61                  | 42                  |
| k) Reference flow rate (m³/s)                                      | 0.051               | 0.053               | 0.063               | 0.063               | 0.129               | 0.133               | 0.066               |
| l) Reference pressure difference (Pa)                              | 49                  | 49                  | 49                  | 49                  | 49                  | 49                  | 49                  |
| m) SPI (W/m³/h)  | 0.188               | 0.18                | 0.222               | 0.222               | 0.136               | 0.131               | 0.21                |
| n) Control factor  | 0.65                | 0.65                | 0.65                | 0.65                | 0.65                | 0.65                | 0.65                |
| n) Control typology  | Controlo local      | Controlo local      | Controlo local      | Controlo local      | Controlo local      | Controlo local      | Controlo local      |
| 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               | Não se aplica       | Não se aplica       | Não se aplica       | Não se aplica       | Não se aplica       | Não se aplica       | Não se aplica       |
| r) Instructions to install regulated grilles                       | Ver manual          | Ver manual          | Ver manual          | Ver manual          | Ver manual          | Ver manual          | Ver 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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| Model   | SVE/PLUS-150/H      | SVE/PLUS-160/H      | SVE/PLUS-200/H      | SVE/PLUS-250/H      |
|---|---------------------|---------------------|---------------------|---------------------|
| b) Model  | SVE/PLUS-150/H      | SVE/PLUS-160/H      | SVE/PLUS-200/H      | SVE/PLUS-250/H      |
| c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr)) | -25                 | -25                 | -26.8               | -27.1               |
| c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))    | -52                 | -52                 | -53.9               | -54.1               |
| c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))    | -9.5                | -9.5                | -11.3               | -11.6               |
| c) SEC class  | C                   | C                   | B                   | B                   |
| d) Typology   | RVU / UVU           | RVU / UVU           | RVU / UVU           | RVU / UVU           |
| e) Drive type   | Velocidade variável | Velocidade variável | Velocidade variável | Velocidade variável |
| f) HRS type   | Nenhum              | Nenhum              | Nenhum              | Nenhum              |
| g) Thermal efficiency of heat recovery (%)                                      |                     |                     |                     |                     |
| h) Maximum flow rate (m <sup>3</sup> /h)  | 459                 | 459                 | 651                 | 972                 |
| i) Electric power input of the fan drive at maximum flow rate (W)               | 102                 | 102                 | 66                  | 57                  |
| j) Sound power level (LWA) (dBA)  | 52                  | 52                  | 53                  | 53                  |
| k) Reference flow rate (m <sup>3</sup> /s)                                      | 0.089               | 0.089               | 0.127               | 0.189               |
| l) Reference pressure difference (Pa)   | 49                  | 49                  | 49                  | 49                  |
| m) SPI (W/m <sup>3</sup> /h)  | 0.253               | 0.253               | 0.112               | 0.094               |
| n) Control factor   | 0.65                | 0.65                | 0.65                | 0.65                |
| n) Control typology   | Controlo local      | Controlo local      | Controlo local      | Controlo local      |
| o) Declared max. internal leakage rate (%)                                      | 0.0                 | 0.0                 | 0.0                 | 0.0                 |
| o) Max. external leakage rate (%)   | 0.0                 | 0.0                 | 0.0                 | 0.0                 |
| p) Mixing rate  | 0.00                | 0.00                | 0.00                | 0.00                |
| q) Position and description of visual filter warning                            | Não se aplica       | Não se aplica       | Não se aplica       | Não se aplica       |
| r) Instructions to install regulated grilles                                    | Ver manual          | Ver manual          | Ver manual          | Ver manual          |
| s) Website  | 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                |
| u) Indoor/outdoor air tightness   | 0.00                | 0.00                | 0.00                | 0.00                |
| v) Annual electricity consumption (AEC) average climate (kWh/yr)                | 100                 | 100                 | 100                 | 100                 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr)                   | 100                 | 100                 | 100                 | 100                 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr)                   | 100                 | 100                 | 100                 | 100                 |
| w) Annual heating saved (AHS) average climate (kWh/yr)                          | 2800                | 2800                | 2800                | 2800                |
| w) Annual heating saved (AHS) warm climate (kWh/yr)                             | 1300                | 1300                | 1300                | 1300                |
| w) Annual heating saved (AHS) cold climate (kWh/yr)                             | 5500                | 5500                | 5500                | 5500                |
| ErP compliance  | 2018                | 2018                | 2018                | 2018                |