

# 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-100/L  | SVE-125/L  | SVE-150/L  | SVE-200/L  | SVE-250/L  | SVE-125/H  | SVE-150/H  |
| c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr)) | -25.8  | -25.9  | -25.4  | -26.5  | -26.6  | -25.5  | -25  |
| c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))    | -52.9  | -53  | -52.4  | -53.6  | -53.6  | -52.6  | -52  |
| c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))    | -10.3  | -10.4  | -9.9   | -11  | -11.1  | -10  | -9.5   |
| c) SEC class  | C  | C  | C  | B  | B  | C  | C  |
| 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 <sup>3</sup> /h)  | 261  | 273  | 322  | 665  | 684  | 341  | 459  |
| i) Electric power input of the fan drive at maximum flow rate (W)               | 40   | 39   | 62   | 65   | 65   | 62   | 102  |
| j) Sound power level (LWA) (dBA)  | 42   | 42   | 52   | 54   | 61   | 42   | 52   |
| k) Reference flow rate (m <sup>3</sup> /s)                                      | 0.051  | 0.053  | 0.063  | 0.129  | 0.133  | 0.066  | 0.089  |
| l) Reference pressure difference (Pa)   | 49   | 49   | 49   | 49   | 49   | 49   | 49   |
| m) SPI (W/m <sup>3</sup> /h)  | 0.188  | 0.18   | 0.222  | 0.136  | 0.131  | 0.21   | 0.253  |
| 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  | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> |
| 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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|  |  |  |  |
|--|--|--|--|
| a) Brand   | SODECA, SLU  | SODECA, SLU  | SODECA, SLU  |
| b) Model   | SVE-160/H  | SVE-200/H  | SVE-250/H  |
| c) Specific energy consumption (SEC) average climate (kWh/(m².yr)) | -25  | -26.8  | -27.1  |
| c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))    | -52  | -53.9  | -54.1  |
| c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))    | -9.5   | -11.3  | -11.6  |
| c) SEC class   | C  | B  | B  |
| d) Typology  | RVU / UVU  | RVU / UVU  | RVU / UVU  |
| e) Drive type  | Variable speed                                     | Variable speed                                     | Variable speed                                     |
| f) HRS type  | None   | None   | None   |
| g) Thermal efficiency of heat recovery (%)                         |  |  |  |
| h) Maximum flow rate (m³/h)  | 459  | 651  | 972  |
| i) Electric power input of the fan drive at maximum flow rate (W)  | 102  | 66   | 57   |
| j) Sound power level (LWA) (dBA)                                   | 52   | 53   | 53   |
| k) Reference flow rate (m³/s)                                      | 0.089  | 0.127  | 0.189  |
| l) Reference pressure difference (Pa)                              | 49   | 49   | 49   |
| m) SPI (W/m³/h)  | 0.253  | 0.112  | 0.094  |
| n) Control factor  | 0.65   | 0.65   | 0.65   |
| n) Control typology  | Local demand control                               | Local demand control                               | Local demand control                               |
| o) Declared max. internal leakage rate (%)                         | 0.0  | 0.0  | 0.0  |
| o) Max. external leakage rate (%)                                  | 0.0  | 0.0  | 0.0  |
| p) Mixing rate   | 0.00   | 0.00   | 0.00   |
| q) Position and description of visual filter warning               | Not applicable                                     | Not applicable                                     | Not applicable                                     |
| r) Instructions to install regulated grilles                       | See manual   | See manual   | See manual   |
| s) Website   | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> |
| t) Airflow sensitivity to pressure variations at +20 Pa and -20 Pa | 0.00   | 0.00   | 0.00   |
| u) Indoor/outdoor air tightness                                    | 0.00   | 0.00   | 0.00   |
| v) Annual electricity consumption (AEC) average climate (kWh/yr)   | 100  | 100  | 100  |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr)      | 100  | 100  | 100  |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr)      | 100  | 100  | 100  |
| w) Annual heating saved (AHS) average climate (kWh/yr)             | 2800   | 2800   | 2800   |
| w) Annual heating saved (AHS) warm climate (kWh/yr)                | 1300   | 1300   | 1300   |
| w) Annual heating saved (AHS) cold climate (kWh/yr)                | 5500   | 5500   | 5500   |
| ErP compliance   | 2018   | 2018   | 2018   |