

## 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  | CRF-225-4M   | CRF-250-4M   | CRF-250-4T   | CRF-315-6T   | CRF-315-6M   | CRF-355-6T   | CRF-355-6M   |
| c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr)) | -20.1  | -20  | -20.3  | -20.6  | -20.3  | -20.6  | -20.6  |
| c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))    | -41.1  | -41  | -41.3  | -41.6  | -41.3  | -41.6  | -41.6  |
| c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))    | -8.1   | -8   | -8.3   | -8.6   | -8.3   | -8.6   | -8.6   |
| c) SEC class  | D  | D  | D  | D  | D  | D  | D  |
| 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)  | 330  | 504  | 504  | 664  | 664  | 998  | 998  |
| i) Electric power input of the fan drive at maximum flow rate (W)               | 18   | 28   | 22   | 27   | 32   | 38   | 39   |
| j) Sound power level (LWA) (dBA)  | 55   | 56   | 56   | 52   | 52   | 55   | 55   |
| k) Reference flow rate (m <sup>3</sup> /s)                                      | 0.064  | 0.098  | 0.098  | 0.129  | 0.129  | 0.194  | 0.194  |
| l) Reference pressure difference (Pa)   | 49   | 49   | 49   | 49   | 49   | 49   | 49   |
| m) SPI (W/m <sup>3</sup> /h)  | 0.079  | 0.084  | 0.07   | 0.059  | 0.07   | 0.058  | 0.058  |
| n) Control factor   | 0.85   | 0.85   | 0.85   | 0.85   | 0.85   | 0.85   | 0.85   |
| n) Control typology   | Central demand control                             | Central demand control                             | Central demand control                             | Central demand control                             | Central demand control                             | Central demand control                             | Central 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)                          | 2200   | 2200   | 2200   | 2200   | 2200   | 2200   | 2200   |
| w) Annual heating saved (AHS) warm climate (kWh/yr)                             | 1000   | 1000   | 1000   | 1000   | 1000   | 1000   | 1000   |
| w) Annual heating saved (AHS) cold climate (kWh/yr)                             | 4300   | 4300   | 4300   | 4300   | 4300   | 4300   | 4300   |
| ErP compliance  | 2018   | 2018   | 2018   | 2018   | 2018   | 2018   | 2018   |