

# 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   | Variabele snelheid    | Variabele snelheid    | Variabele snelheid    | Variabele snelheid    | Variabele snelheid    | Variabele snelheid    | Variabele snelheid    |
| f) HRS type   | Geen                  | Geen                  | Geen                  | Geen                  | Geen                  | Geen                  | Geen                  |
| 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   | Centrale vraagsturing | Centrale vraagsturing | Centrale vraagsturing | Centrale vraagsturing | Centrale vraagsturing | Centrale vraagsturing | Centrale vraagsturing |
| o) Maximale interne leknelheid (%)  | 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                            | Niet toepasbaar       | Niet toepasbaar       | Niet toepasbaar       | Niet toepasbaar       | Niet toepasbaar       | Niet toepasbaar       | Niet toepasbaar       |
| r) Instructions to install regulated grilles                                    | Zie instructies       | Zie instructies       | Zie instructies       | Zie instructies       | Zie instructies       | Zie instructies       | Zie instructies       |
| 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)                          | 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                  |