

# 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/(m².yr)) | -20.1               | -20                 | -20.3               | -20.6               | -20.3               | -20.6               | -20.6               |
| c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))    | -41.1               | -41                 | -41.3               | -41.6               | -41.3               | -41.6               | -41.6               |
| c) Specific energy consumption (SEC) warm climate (kWh/(m².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  | 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)  | 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 (m³/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/m³/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  | Controlo central    | Controlo central    | Controlo central    | Controlo central    | Controlo central    | Controlo central    | Controlo central    |
| 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)             | 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                |