

# 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                    |
| b) Model  | CA/LINE/EC-10                  | CA/LINE/EC-12                  | CA/LINE/EC-15                  | CA/LINE/EC-16                  | CA/LINE/EC-20                  |
| c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr)) | -23.1                          | -24.1                          | -24.5                          | -24.8                          | -25.9                          |
| c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))    | -50.2                          | -51.2                          | -51.6                          | -51.9                          | -52.9                          |
| c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))    | -7.6                           | -8.6                           | -9                             | -9.3                           | -10.4                          |
| c) SEC class  | C                              | C                              | C                              | C                              | C                              |
| d) Typology   | RVU / UVU                      | RVU / UVU                      | RVU / UVU                      | RVU / UVU                      | RVU / UVU                      |
| e) Drive type   | Variabel hastighet             | Variabel hastighet             | Variabel hastighet             | Variabel hastighet             | Variabel hastighet             |
| f) HRS type   | Ingen                          | Ingen                          | Ingen                          | Ingen                          | Ingen                          |
| g) Thermal efficiency of heat recovery (%)                                      |                                |                                |                                |                                |                                |
| h) Maximum flow rate (m <sup>3</sup> /h)  | 277                            | 335                            | 619                            | 680                            | 877                            |
| i) Electric power input of the fan drive at maximum flow rate (W)               | 82                             | 75                             | 124                            | 125                            | 112                            |
| j) Sound power level (LWA) (dBA)  | 64                             | 65                             | 67                             | 67                             | 67                             |
| k) Reference flow rate (m <sup>3</sup> /s)                                      | 0.054                          | 0.065                          | 0.12                           | 0.132                          | 0.171                          |
| l) Reference pressure difference (Pa)   | 50                             | 50                             | 50                             | 50                             | 50                             |
| m) SPI (W/m <sup>3</sup> /h)  | 0.392                          | 0.318                          | 0.288                          | 0.263                          | 0.182                          |
| n) Control factor   | 0.65                           | 0.65                           | 0.65                           | 0.65                           | 0.65                           |
| n) Control typology   | Lokal<br>etterspørselskontroll | Lokal<br>etterspørselskontroll | Lokal<br>etterspørselskontroll | Lokal<br>etterspørselskontroll | Lokal<br>etterspørselskontroll |
| o) Declared max. internal leakage rate (%)                                      | 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                            |
| p) Mixing rate  | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| q) Position and description of visual filter warning                            | Ikke aktuelt                   | Ikke aktuelt                   | Ikke aktuelt                   | Ikke aktuelt                   | Ikke aktuelt                   |
| r) Instructions to install regulated grilles                                    | Se manual                      | Se manual                      | Se manual                      | Se manual                      | Se manual                      |
| s) Website  | 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                           |
| u) Indoor/outdoor air tightness   | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| v) Annual electricity consumption (AEC) average climate (kWh/yr)                | 200                            | 200                            | 200                            | 100                            | 100                            |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr)                   | 200                            | 200                            | 200                            | 100                            | 100                            |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr)                   | 200                            | 200                            | 200                            | 100                            | 100                            |
| w) Annual heating saved (AHS) average climate (kWh/yr)                          | 2800                           | 2800                           | 2800                           | 2800                           | 2800                           |
| w) Annual heating saved (AHS) warm climate (kWh/yr)                             | 1300                           | 1300                           | 1300                           | 1300                           | 1300                           |
| w) Annual heating saved (AHS) cold climate (kWh/yr)                             | 5500                           | 5500                           | 5500                           | 5500                           | 5500                           |
| ErP compliance  | 2018                           | 2018                           | 2018                           | 2018                           | 2018                           |