

# 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                 | SODECA, SLU                 |
| b) Model  | CTD-125/B                   | CTD-150/B                   | CTD-160/B                   | CTD-200/B                   | CTD-125/C                   | CTD-150/C                   | CTD-160/C                   | CTD-200/C                   |
| c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr)) | -26.2                       | -26.2                       | -26.2                       | -26.8                       | -26.2                       | -26.2                       | -26.2                       | -26.8                       |
| c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))    | -53.2                       | -53.2                       | -53.2                       | -53.8                       | -53.2                       | -53.2                       | -53.2                       | -53.8                       |
| c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))    | -10.7                       | -10.7                       | -10.7                       | -11.3                       | -10.7                       | -10.7                       | -10.7                       | -11.3                       |
| c) SEC class  | B                           | B                           | B                           | B                           | B                           | B                           | B                           | B                           |
| d) Typology   | RVU / UVU                   | RVU / UVU                   | RVU / UVU                   | RVU / UVU                   | RVU / UVU                   | RVU / UVU                   | RVU / UVU                   | RVU / UVU                   |
| e) Drive type   | Variabel hastighet          | Variabel hastighet          | Variabel hastighet          | Variabel hastighet          | Variabel hastighet          | Variabel hastighet          | Variabel hastighet          | Variabel hastighet          |
| f) HRS type   | Ingen                       | Ingen                       | Ingen                       | Ingen                       | Ingen                       | Ingen                       | Ingen                       | Ingen                       |
| g) Thermal efficiency of heat recovery (%)                                      |                             |                             |                             |                             |                             |                             |                             |                             |
| h) Maximum flow rate (m <sup>3</sup> /h)  | 353                         | 353                         | 353                         | 834                         | 353                         | 353                         | 353                         | 834                         |
| i) Electric power input of the fan drive at maximum flow rate (W)               | 74                          | 74                          | 74                          | 126                         | 74                          | 74                          | 74                          | 126                         |
| j) Sound power level (LWA) (dBA)  | 61                          | 61                          | 61                          | 61                          | 61                          | 61                          | 61                          | 61                          |
| k) Reference flow rate (m <sup>3</sup> /s)                                      | 0.069                       | 0.069                       | 0.069                       | 0.162                       | 0.069                       | 0.069                       | 0.069                       | 0.162                       |
| l) Reference pressure difference (Pa)   | 50                          | 50                          | 50                          | 50                          | 50                          | 50                          | 50                          | 50                          |
| m) SPI (W/m <sup>3</sup> /h)  | 0.162                       | 0.162                       | 0.162                       | 0.117                       | 0.162                       | 0.162                       | 0.162                       | 0.117                       |
| n) Control factor   | 0.65                        | 0.65                        | 0.65                        | 0.65                        | 0.65                        | 0.65                        | 0.65                        | 0.65                        |
| n) Control typology   | Lokal etterspørselskontroll | Lokal etterspørselskontroll | Lokal etterspørselskontroll | Lokal etterspørselskontroll | Lokal etterspørselskontroll | Lokal etterspørselskontroll | Lokal etterspørselskontroll | Lokal etterspørselskontroll |
| o) Declared max. internal leakage rate (%)                                      | 0.0                         | 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                         | 0.0                         |
| p) Mixing rate  | 0.00                        | 0.00                        | 0.00                        | 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                | Ikke aktuelt                | Ikke aktuelt                | Ikke aktuelt                |
| r) Instructions to install regulated grilles                                    | Ikke aktuelt                | Se manual                   | Se manual                   | Se manual                   | Ikke aktuelt                | Se manual                   | Se manual                   | Se manual                   |
| s) Website  | www.sodeca.com              | 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                        | 0.00                        |

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|  |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|
| u) Indoor/outdoor air tightness                                  | 0.00 | 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  | 100  |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr)    | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr)    | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  |
| w) Annual heating saved (AHS) average climate (kWh/yr)           | 2800 | 2800 | 2800 | 2800 | 2800 | 2800 | 2800 | 2800 |
| w) Annual heating saved (AHS) warm climate (kWh/yr)              | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 | 1300 |
| w) Annual heating saved (AHS) cold climate (kWh/yr)              | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 |
| ErP compliance   | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 |