## 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 | REB/EC-V-500 F6+F8 | REB/EC-V-700 F6+F8 | REB/EC-V-1000 F6+F8 | REB/EC-V-500 F7+F9 | REB/EC-V-700 F7+F9 | REB/EC-V-1000 F7+F9 | REB/EC-H-500 F6+F8 |
| c) Specific energy consumption (SEC) average climate (kWh/(m².yr)) | -39.2 | -40.2 | -38.1 | -39.2 | -40.2 | -38.1 | -39.2 |
| c) Specific energy consumption (SEC) cold climate (kWh/(m².yr)) | -75.6 | -76.6 | -74.5 | -75.6 | -76.6 | -74.5 | -75.6 |
| c) Specific energy consumption (SEC) warm climate (kWh/(m².yr)) | -15.7 | -16.8 | -14.6 | -15.7 | -16.8 | -14.6 | -15.7 |
| c) SEC class | A | A | A | A | A | A | A |
| d) Typology | RVU / BVU | RVU / BVU | RVU / BVU | RVU / BVU | RVU / BVU | RVU / BVU | RVU / BVU |
| e) Drive type | Multi-speed | Multi-speed | Multi-speed | Multi-speed | Multi-speed | Multi-speed | Multi-speed |
| f) HRS type | Recuperative | Recuperative | Recuperative | Recuperative | Recuperative | Recuperative | Recuperative |
| g) Thermal efficiency of heat recovery (%) | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| h) Maximum flow rate (m³/h) | 482 | 664 | 951 | 472 | 652 | 925 | 482 |
| i) Electric power input of the fan drive at maximum flow rate (W) | 339 | 339 | 839 | 339 | 339 | 832 | 339 |
| j) Sound power level (LWA) (dBA) | 64 | 64 | 62 | 64 | 64 | 62 | 64 |
| k) Reference flow rate (m³/s) | 0.094 | 0.129 | 0.185 | 0.092 | 0.127 | 0.18 | 0.094 |
| l) Reference pressure difference (Pa) | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| m) SPI (W/m³/h) | 0.345 | 0.25 | 0.432 | 0.351 | 0.255 | 0.44 | 0.345 |
| n) Control factor | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 |
| n) Control typology | Local demand control | Local demand control | Local demand control | Local demand control | Local demand control | Local demand control | Local demand control |
| o) Declared max. internal leakage rate (%) | 1.6 | 1.7 | 1.3 | 1.6 | 1.7 | 1.3 | 1.6 |
| o) Max. external leakage rate (%) | 2.6 | 2.4 | 1.8 | 2.6 | 2.4 | 1.8 | 2.6 |
| 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 | See manual | See manual | See manual | See manual | See manual | See manual | See manual |
| r) Instructions to install regulated grilles | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 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) | 163 | 120 | 208 | 163 | 120 | 208 | 163 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr) | 162 | 120 | 207 | 162 | 120 | 207 | 162 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr) | 168 | 126 | 213 | 168 | 126 | 213 | 168 |
| w) Annual heating saved (AHS) average climate (kWh/yr) | 4368 | 4368 | 4370 | 4368 | 4368 | 4370 | 4368 |
| w) Annual heating saved (AHS) warm climate (kWh/yr) | 1975 | 1975 | 1976 | 1975 | 1975 | 1976 | 1975 |
| w) Annual heating saved (AHS) cold climate (kWh/yr) | 8545 | 8544 | 8549 | 8545 | 8544 | 8549 | 8545 |
| ErP compliance | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 |

## 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 | REB/EC-H-700 F6+F8 | REB/EC-H-1000 F6+F8 | REB/EC-H-500 F7+F9 | REB/EC-H-700 F7+F9 | REB/EC-H-1000 F7+F9 |
| c) Specific energy consumption (SEC) average climate (kWh/(m².yr)) | -40.2 | -38.1 | -39.2 | -40.2 | -38.1 |
| c) Specific energy consumption (SEC) cold climate (kWh/(m².yr)) | -76.6 | -74.5 | -75.6 | -76.6 | -74.5 |
| c) Specific energy consumption (SEC) warm climate (kWh/(m².yr)) | -16.8 | -14.6 | -15.7 | -16.8 | -14.6 |
| c) SEC class | A | A | A | A | A |
| d) Typology | RVU / BVU | RVU / BVU | RVU / BVU | RVU / BVU | RVU / BVU |
| e) Drive type | Multi-speed | Multi-speed | Multi-speed | Multi-speed | Multi-speed |
| f) HRS type | Recuperative | Recuperative | Recuperative | Recuperative | Recuperative |
| g) Thermal efficiency of heat recovery (%) | 74 | 74 | 74 | 74 | 74 |
| h) Maximum flow rate (m³/h) | 664 | 951 | 472 | 652 | 925 |
| i) Electric power input of the fan drive at maximum flow rate (W) | 339 | 839 | 339 | 339 | 832 |
| j) Sound power level (LWA) (dBA) | 64 | 62 | 64 | 64 | 62 |
| k) Reference flow rate (m³/s) | 0.129 | 0.185 | 0.092 | 0.127 | 0.18 |
| l) Reference pressure difference (Pa) | 50 | 50 | 50 | 50 | 50 |
| m) SPI (W/m³/h) | 0.25 | 0.432 | 0.351 | 0.255 | 0.44 |
| n) Control factor | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 |
| n) Control typology | Local demand control | Local demand control | Local demand control | Local demand control | Local demand control |
| o) Declared max. internal leakage rate (%) | 1.7 | 1.3 | 1.6 | 1.7 | 1.3 |
| o) Max. external leakage rate (%) | 2.4 | 1.8 | 2.6 | 2.4 | 1.8 |
| p) Mixing rate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| q) Position and description of visual filter warning | See manual | See manual | See manual | See manual | See manual |
| r) Instructions to install regulated grilles | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 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) | 120 | 208 | 163 | 120 | 208 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr) | 120 | 207 | 162 | 120 | 207 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr) | 126 | 213 | 168 | 126 | 213 |
| w) Annual heating saved (AHS) average climate (kWh/yr) | 4368 | 4370 | 4368 | 4368 | 4370 |
| w) Annual heating saved (AHS) warm climate (kWh/yr) | 1975 | 1976 | 1975 | 1975 | 1976 |
| w) Annual heating saved (AHS) cold climate (kWh/yr) | 8544 | 8549 | 8545 | 8544 | 8549 |
| ErP compliance | 2018 | 2018 | 2018 | 2018 | 2018 |