

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 |
| b) Model | RCH-400X400B | RCH-400X600B | RCH-400X800B |
| c) Specific energy consumption (SEC) average climate (kWh/(m ² .yr)) | -20 | -20.3 | -20.6 |
| c) Specific energy consumption (SEC) cold climate (kWh/(m ² .yr)) | -41 | -41.3 | -41.6 |
| c) Specific energy consumption (SEC) warm climate (kWh/(m ² .yr)) | -8 | -8.3 | -8.6 |
| c) SEC class | D | D | D |
| d) Typology | RVU / UVU | RVU / UVU | RVU / UVU |
| e) Drive type | Variable speed | Variable speed | Variable speed |
| f) HRS type | None | None | None |
| g) Thermal efficiency of heat recovery (%) | | | |
| h) Maximum flow rate (m ³ /h) | 504 | 664 | 998 |
| i) Electric power input of the fan drive at maximum flow rate (W) | 28 | 32 | 39 |
| j) Sound power level (LWA) (dBA) | 56 | 52 | 55 |
| k) Reference flow rate (m ³ /s) | 0.098 | 0.129 | 0.194 |
| l) Reference pressure difference (Pa) | 49 | 49 | 49 |
| m) SPI (W/m ³ /h) | 0.084 | 0.07 | 0.058 |
| n) Control factor | 0.85 | 0.85 | 0.85 |
| n) Control typology | Central demand control | Central demand control | Central demand control |
| o) Declared max. internal leakage rate (%) | 0.0 | 0.0 | 0.0 |
| o) Max. external leakage rate (%) | 0.0 | 0.0 | 0.0 |
| p) Mixing rate | 0.00 | 0.00 | 0.00 |
| q) Position and description of visual filter warning | Not applicable | Not applicable | Not applicable |
| r) Instructions to install regulated grilles | See manual | See manual | See manual |
| s) Website | 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 |
| u) Indoor/outdoor air tightness | 0.00 | 0.00 | 0.00 |
| v) Annual electricity consumption (AEC) average climate (kWh/yr) | 100 | 100 | 100 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr) | 100 | 100 | 100 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr) | 100 | 100 | 100 |
| w) Annual heating saved (AHS) average climate (kWh/yr) | 2200 | 2200 | 2200 |
| w) Annual heating saved (AHS) warm climate (kWh/yr) | 1000 | 1000 | 1000 |
| w) Annual heating saved (AHS) cold climate (kWh/yr) | 4300 | 4300 | 4300 |
| ErP compliance | 2018 | 2018 | 2018 |