

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 | KIT-AIRHOME-2H/1B | KIT-AIRHOME-3H/2B | KIT-AIRHOME-4H/2B |
| c) Specific energy consumption (SEC) average climate (kWh/(m ² .yr)) | -36.3 | -36.3 | -36.3 |
| c) Specific energy consumption (SEC) cold climate (kWh/(m ² .yr)) | -71.9 | -71.9 | -71.9 |
| c) Specific energy consumption (SEC) warm climate (kWh/(m ² .yr)) | -13.2 | -13.2 | -13.2 |
| c) SEC class | A | A | A |
| d) Typology | RVU / BVU | RVU / BVU | RVU / BVU |
| e) Drive type | Variable speed | Variable speed | Variable speed |
| f) HRS type | Regenerative | Regenerative | Regenerative |
| g) Thermal efficiency of heat recovery (%) | 78 | 78 | 78 |
| h) Maximum flow rate (m ³ /h) | 200 | 200 | 200 |
| i) Electric power input of the fan drive at maximum flow rate (W) | 73 | 73 | 73 |
| j) Sound power level (LWA) (dBA) | 32 | 32 | 32 |
| k) Reference flow rate (m ³ /s) | 0.033 | 0.033 | 0.033 |
| l) Reference pressure difference (Pa) | 100 | 100 | 100 |
| m) SPI (W/m ³ /h) | 0.38 | 0.38 | 0.38 |
| n) Control factor | 0.65 | 0.65 | 0.65 |
| n) Control typology | Local demand control | Local demand control | Local demand control |
| o) Declared max. internal leakage rate (%) | 2.8 | 2.8 | 2.8 |
| o) Max. external leakage rate (%) | 2.8 | 2.8 | 2.8 |
| p) Mixing rate | 0.00 | 0.00 | 0.00 |
| q) Position and description of visual filter warning | See manual | See manual | See manual |
| 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) | 400 | 400 | 400 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr) | 300 | 300 | 300 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr) | 900 | 900 | 900 |
| w) Annual heating saved (AHS) average climate (kWh/yr) | 4400 | 4400 | 4400 |
| w) Annual heating saved (AHS) warm climate (kWh/yr) | 2000 | 2000 | 2000 |
| w) Annual heating saved (AHS) cold climate (kWh/yr) | 8600 | 8600 | 8600 |
| ErP compliance | 2018 | 2018 | 2018 |