

## 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  | AIRHOME-150  | AIRHOME-300  | AIRHOME-350/V                                      |
| c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr)) | -36.4  | -32.6  | -41.1  |
| c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))    | -73.5  | -68.2  | -80.9  |
| c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))    | -12.5  | -9.5   | -15.7  |
| 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   | Recuperative                                       | Recuperative                                       | Recuperative                                       |
| g) Thermal efficiency of heat recovery (%)                                      | 81   | 83   | 87   |
| h) Maximum flow rate (m <sup>3</sup> /h)  | 150  | 300  | 350  |
| i) Electric power input of the fan drive at maximum flow rate (W)               | 60   | 180  | 267  |
| j) Sound power level (LWA) (dBA)  | 32   | 39   | 37   |
| k) Reference flow rate (m <sup>3</sup> /s)                                      | 0.029  | 0.083  | 0.068  |
| l) Reference pressure difference (Pa)   | 100  | 100  | 100  |
| m) SPI (W/m <sup>3</sup> /h)  | 0.57   | 0.6  | 1.09   |
| 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 (%)                                      | 0.4  | 2.8  | 2.8  |
| o) Max. external leakage rate (%)   | 1.2  | 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  | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> | <a href="http://www.sodeca.com">www.sodeca.com</a> |
| 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)                | 305  | 400  | 300  |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr)                   | 310  | 400  | 300  |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr)                   | 310  | 1000   | 300  |
| w) Annual heating saved (AHS) average climate (kWh/yr)                          | 4445   | 4400   | 4700   |
| w) Annual heating saved (AHS) warm climate (kWh/yr)                             | 2010   | 2000   | 2100   |
| w) Annual heating saved (AHS) cold climate (kWh/yr)                             | 8695   | 8600   | 9200   |
| ErP compliance  | 2018   | 2018   | 2018   |