

**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)) | -36.3                         | -32.6                         | -41.1                         |
| c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))    | -71.9                         | -68.2                         | -80.9                         |
| c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))    | -13.2                         | -9.5                          | -15.7                         |
| c) SEC class                                                                    | A                             | A                             | A                             |
| d) Typology                                                                     | RVU / BVU                     | RVU / BVU                     | RVU / BVU                     |
| e) Drive type                                                                   | Vitesse variable              | Vitesse variable              | Vitesse variable              |
| f) HRS type                                                                     | Régénératif                   | Régénératif                   | Régénératif                   |
| g) Thermal efficiency of heat recovery (%)                                      | 78                            | 81                            | 87                            |
| h) Maximum flow rate (m <sup>3</sup> /h)                                        | 200                           | 300                           | 350                           |
| i) Electric power input of the fan drive at maximum flow rate (W)               | 73                            | 180                           | 267                           |
| j) Sound power level (LWA) (dBA)                                                | 32                            | 39                            | 37                            |
| k) Reference flow rate (m <sup>3</sup> /s)                                      | 0.033                         | 0.083                         | 0.068                         |
| l) Reference pressure difference (Pa)                                           | 100                           | 100                           | 100                           |
| m) SPI (W/m <sup>3</sup> /h)                                                    | 0.38                          | 0.38                          | 0.43                          |
| n) Control factor                                                               | 0.65                          | 0.65                          | 0.65                          |
| n) Control typology                                                             | Contrôle de la demande locale | Contrôle de la demande locale | Contrôle de la demande locale |
| 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                            | Voir notice                   | Voir notice                   | Voir notice                   |
| r) Instructions to install regulated grilles                                    | Voir notice                   | Voir notice                   | Voir notice                   |
| 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                           | 300                           |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr)                   | 300                           | 400                           | 300                           |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr)                   | 900                           | 1000                          | 300                           |
| w) Annual heating saved (AHS) average climate (kWh/yr)                          | 4400                          | 4400                          | 4700                          |
| w) Annual heating saved (AHS) warm climate (kWh/yr)                             | 2000                          | 2000                          | 2100                          |
| w) Annual heating saved (AHS) cold climate (kWh/yr)                             | 8600                          | 8600                          | 9200                          |
| ErP compliance                                                                  | 2018                          | 2018                          | 2018                          |