## 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 | AIRHOME-150 | AIRHOME-150/E | AIRHOME-150/R | AIRHOME-200 | AIRHOME-200/E | AIRHOME-300 | AIRHOME-300/E |
| c) Specific energy consumption (SEC) average climate (kWh/(m².yr)) | -36.4 | -36.4 | -36.4 | -35.5 | -35.5 | -32.6 | -32.6 |
| c) Specific energy consumption (SEC) cold climate (kWh/(m².yr)) | -73.5 | -73.5 | -73.5 | -72.6 | -72.6 | -68.2 | -68.2 |
| c) Specific energy consumption (SEC) warm climate (kWh/(m².yr)) | -12.5 | -12.5 | -12.5 | -11.6 | -11.6 | -9.5 | -9.5 |
| 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 | Variabele snelheid | Variabele snelheid | Variabele snelheid | Variabele snelheid | Variabele snelheid | Variabele snelheid | Variabele snelheid |
| f) HRS type | Herstelbaar | Herstelbaar | Herstelbaar | Herstelbaar | Herstelbaar | Herstelbaar | Herstelbaar |
| g) Thermal efficiency of heat recovery (%) | 81 | 77 | 81 | 86 | 77 | 83 | 83 |
| h) Maximum flow rate (m³/h) | 150 | 150 | 150 | 200 | 200 | 300 | 300 |
| i) Electric power input of the fan drive at maximum flow rate (W) | 60 | 60 | 60 | 80 | 80 | 180 | 180 |
| j) Sound power level (LWA) (dBA) | 32 | 32 | 32 | 33 | 33 | 39 | 39 |
| k) Reference flow rate (m³/s) | 0.029 | 0.029 | 0.029 | 0.039 | 0.039 | 0.083 | 0.083 |
| l) Reference pressure difference (Pa) | 100 | 100 | 100 | 50 | 50 | 100 | 100 |
| m) SPI (W/m³/h) | 0.57 | 0.57 | 0.57 | 0.642 | 0.642 | 0.6 | 0.6 |
| n) Control factor | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 |
| n) Control typology | Lokale vraagsturing | Lokale vraagsturing | Lokale vraagsturing | Lokale vraagsturing | Lokale vraagsturing | Lokale vraagsturing | Lokale vraagsturing |
| o) Maximale interne leksnelheid (%) | 0.4 | 0.4 | 0.4 | 0.8 | 0.8 | 2.8 | 2.8 |
| o) Max. external leakage rate (%) | 1.2 | 1.2 | 1.2 | 1.7 | 1.7 | 2.8 | 2.8 |
| 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 | Zie instructies | Zie instructies | Zie instructies | Zie instructies | Zie instructies | Zie instructies | Zie instructies |
| r) Instructions to install regulated grilles | Zie instructies | Zie instructies | Zie instructies | Zie instructies | Zie instructies | Zie instructies | Zie instructies |
| 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) | 305 | 305 | 305 | 340 | 340 | 400 | 400 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr) | 310 | 310 | 310 | 346 | 346 | 400 | 400 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr) | 310 | 310 | 310 | 346 | 346 | 1000 | 1000 |
| w) Annual heating saved (AHS) average climate (kWh/yr) | 4445 | 4445 | 4445 | 4445 | 4445 | 4400 | 4400 |
| w) Annual heating saved (AHS) warm climate (kWh/yr) | 2010 | 2010 | 2010 | 2010 | 2010 | 2000 | 2000 |
| w) Annual heating saved (AHS) cold climate (kWh/yr) | 8695 | 8695 | 8695 | 8695 | 8695 | 8600 | 8600 |
| 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 |
| b) Model | AIRHOME-350/V |
| c) Specific energy consumption (SEC) average climate (kWh/(m².yr)) | -41.1 |
| c) Specific energy consumption (SEC) cold climate (kWh/(m².yr)) | -80 |
| c) Specific energy consumption (SEC) warm climate (kWh/(m².yr)) | -15.7 |
| c) SEC class | A |
| d) Typology | RVU / BVU |
| e) Drive type | Variabele snelheid |
| f) HRS type | Herstelbaar |
| g) Thermal efficiency of heat recovery (%) | 87 |
| h) Maximum flow rate (m³/h) | 350 |
| i) Electric power input of the fan drive at maximum flow rate (W) | 267 |
| j) Sound power level (LWA) (dBA) | 37 |
| k) Reference flow rate (m³/s) | 0.068 |
| l) Reference pressure difference (Pa) | 100 |
| m) SPI (W/m³/h) | 0.9 |
| n) Control factor | 0.65 |
| n) Control typology | Lokale vraagsturing |
| o) Maximale interne leksnelheid (%) | 2.8 |
| o) Max. external leakage rate (%) | 2.8 |
| p) Mixing rate | 0.00 |
| q) Position and description of visual filter warning | Zie instructies |
| r) Instructions to install regulated grilles | Zie instructies |
| s) Website | www.sodeca.com |
| t) Airflow sensitivity to pressure variations at +20 Pa and –20 Pa | 0.00 |
| u) Indoor/outdoor air tightness | 0.00 |
| v) Annual electricity consumption (AEC) average climate (kWh/yr) | 300 |
| v) Annual electricity consumption (AEC) warm climate (kWh/yr) | 300 |
| v) Annual electricity consumption (AEC) cold climate (kWh/yr) | 300 |
| w) Annual heating saved (AHS) average climate (kWh/yr) | 4700 |
| w) Annual heating saved (AHS) warm climate (kWh/yr) | 2100 |
| w) Annual heating saved (AHS) cold climate (kWh/yr) | 9000 |
| ErP compliance | 2018 |