

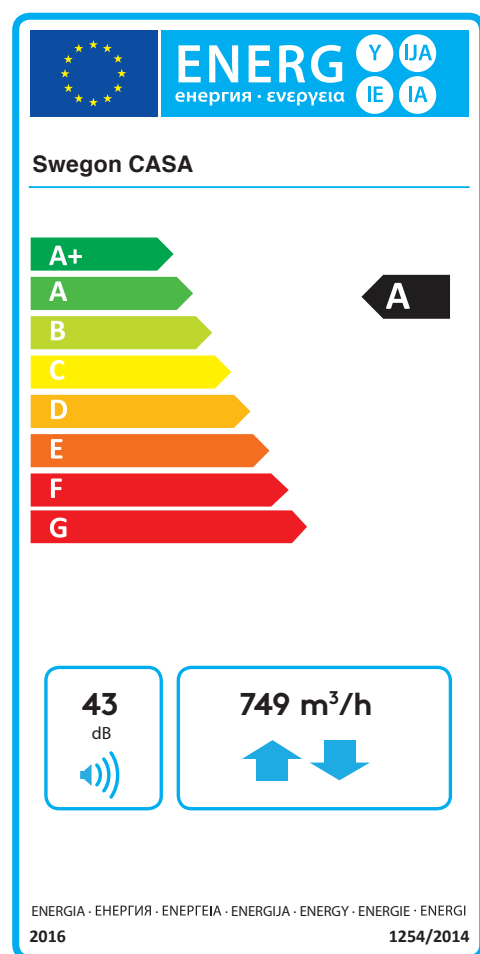
# Ecodesign data CASA R7-H Smart

## VENTILATION CONTROL:

Central Demand Control, CDC  
CTRL factor: 0,85

## ADDITIONAL EQUIPMENT:

-



## Product information in accordance with:

### COMMISSION REGULATION (EU)

No 1253/2014 of 7 July 2014

### COMMISSION DELEGATED REGULATION (EU)

No 1254/2014 of 11 July 2014

|    |                                                              |                                                                                                                                                                                         |              |              |
|----|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| a) | Suppliers name:                                              | Swegon                                                                                                                                                                                  |              |              |
| b) | Product code:                                                | R07HL00S00H<br>R07HL14S00H                                                                                                                                                              |              |              |
| c) | Specific energy Consumption ,<br>SEC: (kWh/m² year)          | Climate                                                                                                                                                                                 | SEC          | Energy class |
|    |                                                              | Cold                                                                                                                                                                                    | -79,2        |              |
|    |                                                              | <b>Average</b>                                                                                                                                                                          | <b>-37,0</b> | <b>A</b>     |
|    |                                                              | Warm                                                                                                                                                                                    | -12,8        |              |
| d) | Declared typology:                                           | RVU, bidirectional                                                                                                                                                                      |              |              |
| e) | Type of drive:                                               | Variable speed                                                                                                                                                                          |              |              |
| f) | Type of heat recovery system:                                | Regenerative                                                                                                                                                                            |              |              |
| g) | Thermal efficiency of heat recovery:                         | 82%                                                                                                                                                                                     |              |              |
| h) | Maximum flow rate (m³/h):                                    | 749                                                                                                                                                                                     |              |              |
| i) | Electric power input (W):                                    | 355                                                                                                                                                                                     |              |              |
| j) | Sound power level (L <sub>WA</sub> ):                        | 43                                                                                                                                                                                      |              |              |
| k) | Reference flow rate (m³/s):                                  | 0,146                                                                                                                                                                                   |              |              |
| l) | Reference pressure difference (Pa):                          | 50                                                                                                                                                                                      |              |              |
| m) | Specific Power Input, SPI (W/(m³/h)):                        | 0,317                                                                                                                                                                                   |              |              |
| n) | Control factor and typology:                                 | Ducted ventilation unit, Central demand control                                                                                                                                         |              |              |
| o) | Declared maximum External/Internal leakage rate (%):         | 2% / 3%                                                                                                                                                                                 |              |              |
| p) | Mixing rate:                                                 | -                                                                                                                                                                                       |              |              |
| q) | Position and description of visual filter warning for RVU's: | Filter change warning text available in user panel and in manual including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit |              |              |
| r) | For unidirectional ventilation systems only:                 | -                                                                                                                                                                                       |              |              |
| s) | Internet address for disassembly instructions:               | www.swegonhomesolutions.com                                                                                                                                                             |              |              |
| t) | For non-ducted units only:                                   | -                                                                                                                                                                                       |              |              |
| u) | For non-ducted units only:                                   | -                                                                                                                                                                                       |              |              |
| v) | Annual Electricity Consumption / 100 m², AHS: (kWh/year)     | 287                                                                                                                                                                                     |              |              |
| w) | Annual Heating Saved / 100 m² AEC: (kWh/year)                | Climate zone                                                                                                                                                                            | Savings      |              |
|    |                                                              | Cold                                                                                                                                                                                    | 8633         |              |
|    |                                                              | <b>Average</b>                                                                                                                                                                          | <b>4413</b>  |              |
|    |                                                              | Warm                                                                                                                                                                                    | 1996         |              |

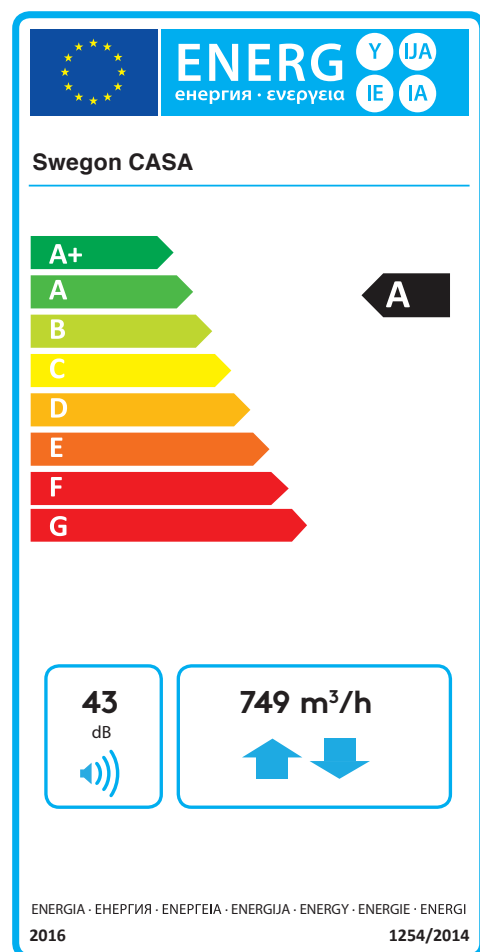
# Ecodesign data CASA R7-H Smart

## VENTILATION CONTROL:

Central Demand Control, CDC  
CTRL factor: 0,85

## ADDITIONAL EQUIPMENT:

RH + CO<sub>2</sub>, VOC control (D\_SRHCO<sub>2</sub>,  
D\_SRHVOC)



## Product information in accordance with:

### COMMISSION REGULATION (EU)

No 1253/2014 of 7 July 2014

### COMMISSION DELEGATED REGULATION (EU)

No 1254/2014 of 11 July 2014

|    |                                                                       |                                                                                                                                                                                         |              |              |
|----|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| a) | Suppliers name:                                                       | Swegon                                                                                                                                                                                  |              |              |
| b) | Product code:                                                         | R07HL00S00C<br>R07HL14S00C                                                                                                                                                              |              |              |
| c) | Specific energy Consumption ,<br>SEC: (kWh/m <sup>2</sup> year)       | Climate                                                                                                                                                                                 | SEC          | Energy class |
|    |                                                                       | Cold                                                                                                                                                                                    | -84,4        |              |
|    |                                                                       | <b>Average</b>                                                                                                                                                                          | <b>-41,1</b> | <b>A</b>     |
|    |                                                                       | Warm                                                                                                                                                                                    | -16,3        |              |
| d) | Declared typology:                                                    | RVU, bidirectional                                                                                                                                                                      |              |              |
| e) | Type of drive:                                                        | Variable speed                                                                                                                                                                          |              |              |
| f) | Type of heat recovery system:                                         | Regenerative                                                                                                                                                                            |              |              |
| g) | Thermal efficiency of heat recovery:                                  | 82%                                                                                                                                                                                     |              |              |
| h) | Maximum flow rate (m <sup>3</sup> /h):                                | 749                                                                                                                                                                                     |              |              |
| i) | Electric power input (W):                                             | 355                                                                                                                                                                                     |              |              |
| j) | Sound power level (L <sub>WA</sub> ):                                 | 43                                                                                                                                                                                      |              |              |
| k) | Reference flow rate (m <sup>3</sup> /s):                              | 0,146                                                                                                                                                                                   |              |              |
| l) | Reference pressure difference (Pa):                                   | 50                                                                                                                                                                                      |              |              |
| m) | Specific Power Input, SPI (W/(m <sup>3</sup> /h)):                    | 0,317                                                                                                                                                                                   |              |              |
| n) | Control factor and typology:                                          | Ducted ventilation unit, Local demand control                                                                                                                                           |              |              |
| o) | Declared maximum External/Internal leakage rate (%):                  | 2% / 3%                                                                                                                                                                                 |              |              |
| p) | Mixing rate:                                                          | -                                                                                                                                                                                       |              |              |
| q) | Position and description of visual filter warning for RVU's:          | Filter change warning text available in user panel and in manual including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit |              |              |
| r) | For unidirectional ventilation systems only:                          | -                                                                                                                                                                                       |              |              |
| s) | Internet address for disassembly instructions:                        | www.swegon.com                                                                                                                                                                          |              |              |
| t) | For non-ducted units only:                                            | -                                                                                                                                                                                       |              |              |
| u) | For non-ducted units only:                                            | -                                                                                                                                                                                       |              |              |
| v) | Annual Electricity Consumption / 100 m <sup>2</sup> , AEC: (kWh/year) | 168                                                                                                                                                                                     |              |              |

|    |                                                           |                |             |
|----|-----------------------------------------------------------|----------------|-------------|
| w) | Annual Heating Saved / 100 m <sup>2</sup> AHS: (kWh/year) | Climate zone   | Savings     |
|    |                                                           | Cold           | 8857        |
|    |                                                           | <b>Average</b> | <b>4528</b> |
|    |                                                           | Warm           | 2047        |