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	EVM-42
c) Specific energy consumption (SEC) average climate (kWh/(m².yr))	-40
c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))	-77
c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))	-15.8
c) SEC class	A
d) Typology	RVU / UVU
e) Drive type	Multi-speed
f) HRS type	None
g) Thermal efficiency of heat recovery (%)	
h) Maximum flow rate (m³/h)	420
i) Electric power input of the fan drive at maximum flow rate (W)	75
j) Sound power level (LWA) (dBA)	38
k) Reference flow rate (m³/s)	0.07
l) Reference pressure difference (Pa)	15
m) SPI (W/m³/h)	0.176
n) Control factor	0.6
n) Control typology	Local demand control
o) Declared max. internal leakage rate (%)	1.0
o) Max. external leakage rate (%)	1.0
p) Mixing rate	0.00
q) Position and description of visual filter warning	Not applicable
r) Instructions to install regulated grilles	See manual
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)	200
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	200
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	200
w) Annual heating saved (AHS) average climate (kWh/yr)	4500
w) Annual heating saved (AHS) warm climate (kWh/yr)	2100
w) Annual heating saved (AHS) cold climate (kWh/yr)	8800
ErP compliance	2018