

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/(m ² .yr))	-40
c) Specific energy consumption (SEC) cold climate (kWh/(m ² .yr))	-77
c) Specific energy consumption (SEC) warm climate (kWh/(m ² .yr))	-15.8
c) SEC class	C
d) Typology	RVU / UVU
e) Drive type	Mehrere Drehzahlen
f) HRS type	Kein/e
g) Thermal efficiency of heat recovery (%)	
h) Maximum flow rate (m ³ /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 (m ³ /s)	0.07
l) Reference pressure difference (Pa)	15
m) SPI (W/m ³ /h)	0.176
n) Control factor	0.6
n) Control typology	Lokale Bedarfssteuerung
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	Entfällt
r) Instructions to install regulated grilles	Siehe Anleitung
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