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
b) Model	REB-25	REB-40	REB-60	REB-80	REB-120
c) Specific energy consumption (SEC) average climate (kWh/(m².yr))	-28.9	-33.8	-35	-32	-32.9
c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))	-64.6	-69.8	-70.4	-68	-68
c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))	-5.8	-10.6	-12.1	-8.8	-10.2
c) SEC class	B	B	A	B	B
d) Typology	RVU / BVU	RVU / BVU	RVU / BVU	RVU / BVU	RVU / BVU
e) Drive type	Multi-speed	Multi-speed	Multi-speed	Multi-speed	Multi-speed
f) HRS type	Recuperative	Recuperative	Recuperative	Recuperative	Recuperative
g) Thermal efficiency of heat recovery (%)	81	82	80	82	79
h) Maximum flow rate (m³/h)	133	295	472	636	999
i) Electric power input of the fan drive at maximum flow rate (W)	71	126	155	293	400
j) Sound power level (LWA) (dBA)	52	54	56	58	59
k) Reference flow rate (m³/s)	0.026	0.057	0.092	0.124	0.194
l) Reference pressure difference (Pa)	74	50	56	85	50
m) SPI (W/m³/h)	0.435	0.287	0.23	0.345	0.285
n) Control factor	1	1	1	1	1
n) Control typology	Manual control	Manual control	Manual control	Manual control	Manual control
o) Declared max. internal leakage rate (%)	2.0	2.0	2.0	2.0	2.0
o) Max. external leakage rate (%)	2.2	1.3	1.1	1.1	0.8
p) Mixing rate	0.00	0.00	0.00	0.00	0.00
q) Position and description of visual filter warning	See manual	See manual	See manual	See manual	See manual
r) Instructions to install regulated grilles	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
s) Website	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
u) Indoor/outdoor air tightness	0.00	0.00	0.00	0.00	0.00
v) Annual electricity consumption (AEC) average climate (kWh/yr)	600	400	300	500	400
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	500	400	300	400	400
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	1100	900	900	1000	900
w) Annual heating saved (AHS) average climate (kWh/yr)	4300	4300	4300	4300	4200
w) Annual heating saved (AHS) warm climate (kWh/yr)	1900	2000	1900	2000	1900
w) Annual heating saved (AHS) cold climate (kWh/yr)	8400	8500	8300	8500	8300
ErP compliance	2018	2018	2018	2018	2018