

# 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	SVE-100/L	SVE-125/L	SVE-150/L	SVE-200/L	SVE-250/L	SVE-125/H	SVE-150/H
c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr))	-25.8	-25.9	-25.4	-26.5	-26.6	-25.5	-25
c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))	-52.9	-53	-52.4	-53.6	-53.6	-52.6	-52
c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))	-10.3	-10.4	-9.9	-11	-11.1	-10	-9.5
c) SEC class	C	C	C	B	B	C	C
d) Typology	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU
e) Drive type	Variabel hastighet	Variabel hastighet	Variabel hastighet	Variabel hastighet	Variabel hastighet	Variabel hastighet	Variabel hastighet
f) HRS type	Ingen	Ingen	Ingen	Ingen	Ingen	Ingen	Ingen
g) Thermal efficiency of heat recovery (%)							
h) Maximum flow rate (m <sup>3</sup> /h)	261	273	322	665	684	341	459
i) Electric power input of the fan drive at maximum flow rate (W)	40	39	62	65	65	62	102
j) Sound power level (LWA) (dBA)	42	42	52	54	61	42	52
k) Reference flow rate (m <sup>3</sup> /s)	0.051	0.053	0.063	0.129	0.133	0.066	0.089
l) Reference pressure difference (Pa)	49	49	49	49	49	49	49
m) SPI (W/m <sup>3</sup> /h)	0.188	0.18	0.222	0.136	0.131	0.21	0.253
n) Control factor	0.65	0.65	0.65	0.65	0.65	0.65	0.65
n) Control typology	Lokal etterspørselskontroll	Lokal etterspørselskontroll	Lokal etterspørselskontroll	Lokal etterspørselskontroll	Lokal etterspørselskontroll	Lokal etterspørselskontroll	Lokal etterspørselskontroll
o) Declared max. internal leakage rate (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
o) Max. external leakage rate (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	Ikke aktuelt	Ikke aktuelt	Ikke aktuelt	Ikke aktuelt	Ikke aktuelt	Ikke aktuelt	Ikke aktuelt
r) Instructions to install regulated grilles	Se manual	Se manual	Se manual	Se manual	Se manual	Se manual	Se manual
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)	100	100	100	100	100	100	100
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	100	100	100	100	100	100	100
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	100	100	100	100	100	100	100
w) Annual heating saved (AHS) average climate (kWh/yr)	2800	2800	2800	2800	2800	2800	2800
w) Annual heating saved (AHS) warm climate (kWh/yr)	1300	1300	1300	1300	1300	1300	1300

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w) Annual heating saved (AHS) cold climate (kWh/yr)	5500	5500	5500	5500	5500	5500	5500
ErP compliance	2018	2018	2018	2018	2018	2018	2018
a) Brand	SODECA, SLU		SODECA, SLU		SODECA, SLU		
b) Model	SVE-160/H		SVE-200/H		SVE-250/H		
c) Specific energy consumption (SEC) average climate (kWh/(m².yr))	-25		-26.8		-27.1		
c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))	-52		-53.9		-54.1		
c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))	-9.5		-11.3		-11.6		
c) SEC class	C		B		B		
d) Typology	RVU / UVU		RVU / UVU		RVU / UVU		
e) Drive type	Variabel hastighet		Variabel hastighet		Variabel hastighet		
f) HRS type	Ingen		Ingen		Ingen		
g) Thermal efficiency of heat recovery (%)							
h) Maximum flow rate (m³/h)	459		651		972		
i) Electric power input of the fan drive at maximum flow rate (W)	102		66		57		
j) Sound power level (LWA) (dBA)	52		53		53		
k) Reference flow rate (m³/s)	0.089		0.127		0.189		
l) Reference pressure difference (Pa)	49		49		49		
m) SPI (W/m³/h)	0.253		0.112		0.094		
n) Control factor	0.65		0.65		0.65		
n) Control typology	Lokal etterspørselskontroll		Lokal etterspørselskontroll		Lokal etterspørselskontroll		
o) Declared max. internal leakage rate (%)	0.0		0.0		0.0		
o) Max. external leakage rate (%)	0.0		0.0		0.0		
p) Mixing rate	0.00		0.00		0.00		
q) Position and description of visual filter warning	Ikke aktuelt		Ikke aktuelt		Ikke aktuelt		
r) Instructions to install regulated grilles	Se manual		Se manual		Se manual		
s) Website	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		
u) Indoor/outdoor air tightness	0.00		0.00		0.00		
v) Annual electricity consumption (AEC) average climate (kWh/yr)	100		100		100		
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	100		100		100		
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	100		100		100		
w) Annual heating saved (AHS) average climate (kWh/yr)	2800		2800		2800		
w) Annual heating saved (AHS) warm climate (kWh/yr)	1300		1300		1300		
w) Annual heating saved (AHS) cold climate (kWh/yr)	5500		5500		5500		
ErP compliance	2018		2018		2018		