

**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		SV-125/H	SV-125/H-T	SV-150/H	SV-150/H-T	SV-200/H	SV-200/H-T	SV-200/L
c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	-25.7	-25.7	-25.6	-25.6	-27.2	-27.2	-26.9
c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	-52.8	-52.8	-52.7	-52.7	-54.2	-54.2	-53.9
c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	-10.2	-10.2	-10.1	-10.1	-11.7	-11.7	-11.4
c) SEC class		C	C	C	C	B	B	B
d) Typology		RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU
e) Drive type		Variable speed	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed
f) HRS type		None	None	None	None	None	None	None
g) Thermal efficiency of heat recovery (%)	%	0	0	0	0	0	0	0
h) Maximum flow rate (m <sup>3</sup> /h)	m <sup>3</sup> /h	344	344	510	510	639	639	541
i) Electric power input of the fan drive at maximum flow rate (W)	W	53	53	4	4	41	41	44
j) Sound power level (LWA) (dBA)	dBA	41	41	52	52	56	56	54
k) Reference flow rate (m <sup>3</sup> /s)	m <sup>3</sup> /s	0.067	0.067	0.099	0.099	0.124	0.124	0.105
l) Reference pressure difference (Pa)	Pa	49	49	49	49	49	49	49
m) SPI (Wm <sup>3</sup> /h)	W/(m <sup>3</sup> /h)	0.195	0.195	0.202	0.202	0.086	0.086	0.108
n) Control factor		0.65	0.65	0.65	0.65	0.65	0.65	0.65
n) Control typology		Local demand control	Local demand control	Local demand control	Local demand control	Local demand control	Local demand control	Local demand control
o) 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		Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
r) Instructions to install regulated grilles		See manual	See manual	See manual	See manual	See manual	See manual	See 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	m <sup>3</sup> /h	0.00	0.00	0.00	0.00	0.00	0.00	0.00
v) Annual electricity consumption (AEC) average climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	1	1	1	1	1	1	1
v) Annual electricity consumption (AEC) warm climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	1	1	1	1	1	1	1
v) Annual electricity consumption (AEC) cold climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	1	1	1	1	1	1	1
w) Annual heating saved (AHS) average climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	28	28	28	28	28	28	28
w) Annual heating saved (AHS) warm climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	13	13	13	13	13	13	13
w) Annual heating saved (AHS) cold climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	55	55	55	55	55	55	55
ErP compliance		2018	2018	2018	2018	2018	2018	2018

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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
b) Model		SV-250/H	SV-250/L
c) Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	-26.9	-27.3
c) Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	-54.0	-54.3
c) Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	-11.4	-11.8
c) SEC class		B	B
d) Typology		RVU / UVU	RVU / UVU
e) Drive type		Variable speed	Variable speed
f) HRS type		None	None
g) Thermal efficiency of heat recovery (%)	%	0	0
h) Maximum flow rate (m <sup>3</sup> /h)	m <sup>3</sup> /h	973	775
i) Electric power input of the fan drive at maximum flow rate (W)	W	72	40
j) Sound power level (LWA) (dBA)	dBA	54	58
k) Reference flow rate (m <sup>3</sup> /s)	m <sup>3</sup> /s	0.189	0.151
l) Reference pressure difference (Pa)	Pa	49	49
m) SPI (Wm <sup>3</sup> /h)	W/(m <sup>3</sup> /h)	0.103	0.077
n) Control factor		0.65	0.65
n) Control typology		Local demand control	Local demand control
o) Max. internal leakage rate (%)	%	0.0	0.0
o) Max. external leakage rate (%)	%	0.0	0.0
p) Mixing rate		0.00	0.00
q) Position and description of visual filter warning		Not applicable	Not applicable
r) Instructions to install regulated grilles		See manual	See manual
s) Website		www.sodeca.com	www.sodeca.com
t) Airflow sensitivity to pressure variations at +20 Pa and -20 Pa		0.00	0.00
u) Indoor/outdoor air tightness	m <sup>3</sup> /h	0.00	0.00
v) Annual electricity consumption (AEC) average climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	1	1
v) Annual electricity consumption (AEC) warm climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	1	1
v) Annual electricity consumption (AEC) cold climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	1	1
w) Annual heating saved (AHS) average climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	28	28
w) Annual heating saved (AHS) warm climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	13	13
w) Annual heating saved (AHS) cold climate (kWh/(m <sup>2</sup> .yr))	kWh/(m <sup>2</sup> .a)	55	55
ErP compliance		2018	2018