

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 ² .yr))	-25.7	-25.7	-25.6	-25.6	-27.2	-27.2	-26.9
c) Specific energy consumption (SEC) cold climate (kWh/(m ² .yr))	-52.8	-52.8	-52.7	-52.7	-54.2	-54.2	-53.9
c) Specific energy consumption (SEC) warm climate (kWh/(m ² .yr))	-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	Velocitat variable	Velocitat variable	Velocitat variable	Velocitat variable	Velocitat variable	Velocitat variable	Velocitat variable
f) HRS type	Cap	Cap	Cap	Cap	Cap	Cap	Cap
g) Thermal efficiency of heat recovery (%)							
h) Maximum flow rate (m ³ /h)	344	344	510	510	639	639	541
i) Electric power input of the fan drive at maximum flow rate (W)	53	53	4	4	41	41	44
j) Sound power level (LWA) (dBA)	41	41	52	52	56	56	54
k) Reference flow rate (m ³ /s)	0.067	0.067	0.099	0.099	0.124	0.124	0.105
l) Reference pressure difference (Pa)	49	49	49	49	49	49	49
m) SPI (W/m ³ /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	Control de la demanda local	Control de la demanda local	Control de la demanda local	Control de la demanda local	Control de la demanda local	Control de la demanda local	Control de la demanda local
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	No aplica	No aplica	No aplica	No aplica	No aplica	No aplica	No aplica
r) Instructions to install regulated grilles	Veure manual	Veure manual	Veure manual	Veure manual	Veure manual	Veure manual	Veure 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
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

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Model	SV-250/H	SV-250/L
b) Model	SV-250/H	SV-250/L
c) Specific energy consumption (SEC) average climate (kWh/(m ² .yr))	-26.9	-27.3
c) Specific energy consumption (SEC) cold climate (kWh/(m ² .yr))	-54	-54.3
c) Specific energy consumption (SEC) warm climate (kWh/(m ² .yr))	-11.4	-11.8
c) SEC class	B	B
d) Typology	RVU / UVU	RVU / UVU
e) Drive type	Velocitat variable	Velocitat variable
f) HRS type	Cap	Cap
g) Thermal efficiency of heat recovery (%)		
h) Maximum flow rate (m ³ /h)	973	775
i) Electric power input of the fan drive at maximum flow rate (W)	72	40
j) Sound power level (LWA) (dBA)	54	58
k) Reference flow rate (m ³ /s)	0.189	0.151
l) Reference pressure difference (Pa)	49	49
m) SPI (W/m ³ /h)	0.103	0.077
n) Control factor	0.65	0.65
n) Control typology	Control de la demanda local	Control de la demanda local
o) Declared 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	No aplica	No aplica
r) Instructions to install regulated grilles	Veure manual	Veure 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	0.00	0.00
v) Annual electricity consumption (AEC) average climate (kWh/yr)	100	100
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	100	100
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	100	100
w) Annual heating saved (AHS) average climate (kWh/yr)	2800	2800
w) Annual heating saved (AHS) warm climate (kWh/yr)	1300	1300
w) Annual heating saved (AHS) cold climate (kWh/yr)	5500	5500
ErP compliance	2018	2018