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
b) Model	RCH-400X400B	RCH-400X600B	RCH-400X800B
c) Specific energy consumption (SEC) average climate (kWh/(m².yr))	-20	-20.3	-20.6
c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))	-41	-41.3	-41.6
c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))	-8	-8.3	-8.6
c) SEC class	D	D	D
d) Typology	RVU / UVU	RVU / UVU	RVU / UVU
e) Drive type	Variable speed	Variable speed	Variable speed
f) HRS type	None	None	None
g) Thermal efficiency of heat recovery (%)			
h) Maximum flow rate (m³/h)	504	664	998
i) Electric power input of the fan drive at maximum flow rate (W)	28	32	39
j) Sound power level (LWA) (dBA)	56	52	55
k) Reference flow rate (m³/s)	0.098	0.129	0.194
l) Reference pressure difference (Pa)	49	49	49
m) SPI (W/m³/h)	0.084	0.07	0.058
n) Control factor	0.85	0.85	0.85
n) Control typology	Central demand control	Central demand control	Central demand control
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	Not applicable	Not applicable	Not applicable
r) Instructions to install regulated grilles	See manual	See manual	See 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)	2200	2200	2200
w) Annual heating saved (AHS) warm climate (kWh/yr)	1000	1000	1000
w) Annual heating saved (AHS) cold climate (kWh/yr)	4300	4300	4300
ErP compliance	2018	2018	2018