

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	RCH400X400B	RCH400X600B	RCH400X800B
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	Variabel hastighet	Variabel hastighet	Variabel hastighet
f) HRS type	Ingen	Ingen	Ingen
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	Sentral erterspørelskontroll	Sentral erterspørelskontroll	Sentral erterspørelskontroll
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)	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