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
b) Model	RD/LINE/EC-100	RD/LINE/EC-200
c) Specific energy consumption (SEC) average climate (kWh/(m².yr))	-26.4	-27.5
c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))	-53.5	-54.5
c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))	-10.9	-12
c) SEC class	B	B
d) Typology	RVU / UVU	RVU / UVU
e) Drive type	Variabele snelheid	Variabele snelheid
f) HRS type	Geen	Geen
g) Thermal efficiency of heat recovery (%)		
h) Maximum flow rate (m³/h)	296	714
i) Electric power input of the fan drive at maximum flow rate (W)	82	84
j) Sound power level (LWA) (dBA)	51	48
k) Reference flow rate (m³/s)	0.058	0.139
l) Reference pressure difference (Pa)	50	50
m) SPI (W/m³/h)	0.143	0.064
n) Control factor	0.65	0.65
n) Control typology	Lokale vraagsturing	Lokale vraagsturing
o) Maximale interne leksnelheid (%)	0.0	0.0
o) Max. external leakage rate (%)	2.7	2.7
p) Mixing rate	0.00	0.00
q) Position and description of visual filter warning	Zie instructies	Zie instructies
r) Instructions to install regulated grilles	Zie instructies	Zie instructies
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)	76	34
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	76	34
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	76	34
w) Annual heating saved (AHS) average climate (kWh/yr)	2830	2830
w) Annual heating saved (AHS) warm climate (kWh/yr)	1280	1280
w) Annual heating saved (AHS) cold climate (kWh/yr)	5536	5536
ErP compliance	2018	2018