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	AIRHOME-150	AIRHOME-300	AIRHOME-350/V
c) Specific energy consumption (SEC) average climate (kWh/(m².yr))	-36.3	-32.6	-41.1
c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))	-71.9	-68.2	-80.9
c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))	-13.2	-9.5	-15.7
c) SEC class	A	A	A
d) Typology	RVU / BVU	RVU / BVU	RVU / BVU
e) Drive type	Variable speed	Variable speed	Variable speed
f) HRS type	Regenerative	Regenerative	Regenerative
g) Thermal efficiency of heat recovery (%)	78	81	87
h) Maximum flow rate (m³/h)	200	300	350
i) Electric power input of the fan drive at maximum flow rate (W)	73	180	267
j) Sound power level (LWA) (dBA)	32	39	37
k) Reference flow rate (m³/s)	0.033	0.083	0.068
l) Reference pressure difference (Pa)	100	100	100
m) SPI (W/m³/h)	0.38	0.38	0.43
n) Control factor	0.65	0.65	0.65
n) Control typology	Local demand control	Local demand control	Local demand control
o) Declared max. internal leakage rate (%)	2.8	2.8	2.8
o) Max. external leakage rate (%)	2.8	2.8	2.8
p) Mixing rate	0.00	0.00	0.00
q) Position and description of visual filter warning	See manual	See manual	See manual
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)	400	400	300
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	300	400	300
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	900	1000	300
w) Annual heating saved (AHS) average climate (kWh/yr)	4400	4400	4700
w) Annual heating saved (AHS) warm climate (kWh/yr)	2000	2000	2100
w) Annual heating saved (AHS) cold climate (kWh/yr)	8600	8600	9200
ErP compliance	2018	2018	2018