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	AIRHOME-150	AIRHOME-150/E	AIRHOME-150/R	AIRHOME-200	AIRHOME-200/E	AIRHOME-300	AIRHOME-300/E
c) Specific energy consumption (SEC) average climate (kWh/(m².yr))	-36.4	-36.4	-36.4	-35.5	-35.5	-32.6	-32.6
c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))	-73.5	-73.5	-73.5	-72.6	-72.6	-68.2	-68.2
c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))	-12.5	-12.5	-12.5	-11.6	-11.6	-9.5	-9.5
c) SEC class	A	A	A	A	A	A	A
d) Typology	RVU / BVU	RVU / BVU	RVU / BVU	RVU / BVU	RVU / BVU	RVU / BVU	RVU / BVU
e) Drive type	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed
f) HRS type	Recuperative	Recuperative	Recuperative	Recuperative	Recuperative	Recuperative	Recuperative
g) Thermal efficiency of heat recovery (%)	81	77	81	86	77	83	83
h) Maximum flow rate (m³/h)	150	150	150	200	200	300	300
i) Electric power input of the fan drive at maximum flow rate (W)	60	60	60	80	80	180	180
j) Sound power level (LWA) (dBA)	32	32	32	33	33	39	39
k) Reference flow rate (m³/s)	0.029	0.029	0.029	0.039	0.039	0.083	0.083
l) Reference pressure difference (Pa)	100	100	100	50	50	100	100
m) SPI (W/m³/h)	0.57	0.57	0.57	0.642	0.642	0.6	0.6
n) Control factor	0.65	0.65	0.65	0.65	0.65	0.65	0.65
n) Control typology	Local demand control	Local demand control	Local demand control	Local demand control	Local demand control	Local demand control	Local demand control
o) Declared max. internal leakage rate (%)	0.4	0.4	0.4	0.8	0.8	2.8	2.8
o) Max. external leakage rate (%)	1.2	1.2	1.2	1.7	1.7	2.8	2.8
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	See manual	See manual	See manual	See manual	See manual	See manual	See manual
r) Instructions to install regulated grilles	See manual	See manual	See manual	See manual	See manual	See manual	See 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)	305	305	305	340	340	400	400
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	310	310	310	346	346	400	400
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	310	310	310	346	346	1000	1000
w) Annual heating saved (AHS) average climate (kWh/yr)	4445	4445	4445	4445	4445	4400	4400
w) Annual heating saved (AHS) warm climate (kWh/yr)	2010	2010	2010	2010	2010	2000	2000
w) Annual heating saved (AHS) cold climate (kWh/yr)	8695	8695	8695	8695	8695	8600	8600
ErP compliance	2018	2018	2018	2018	2018	2018	2018

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
b) Model	AIRHOME-350/V
c) Specific energy consumption (SEC) average climate (kWh/(m².yr))	-41.1
c) Specific energy consumption (SEC) cold climate (kWh/(m².yr))	-80
c) Specific energy consumption (SEC) warm climate (kWh/(m².yr))	-15.7
c) SEC class	A
d) Typology	RVU / BVU
e) Drive type	Variable speed
f) HRS type	Recuperative
g) Thermal efficiency of heat recovery (%)	87
h) Maximum flow rate (m³/h)	350
i) Electric power input of the fan drive at maximum flow rate (W)	267
j) Sound power level (LWA) (dBA)	37
k) Reference flow rate (m³/s)	0.068
l) Reference pressure difference (Pa)	100
m) SPI (W/m³/h)	0.9
n) Control factor	0.65
n) Control typology	Local demand control
o) Declared max. internal leakage rate (%)	2.8
o) Max. external leakage rate (%)	2.8
p) Mixing rate	0.00
q) Position and description of visual filter warning	See manual
r) Instructions to install regulated grilles	See manual
s) Website	www.sodeca.com
t) Airflow sensitivity to pressure variations at +20 Pa and –20 Pa	0.00
u) Indoor/outdoor air tightness	0.00
v) Annual electricity consumption (AEC) average climate (kWh/yr)	300
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	300
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	300
w) Annual heating saved (AHS) average climate (kWh/yr)	4700
w) Annual heating saved (AHS) warm climate (kWh/yr)	2100
w) Annual heating saved (AHS) cold climate (kWh/yr)	9000
ErP compliance	2018