

EcoDesign Siber ERV EVO 1



PRODUCT DATASHEET ACCORDING TO REGULATION (EU) NO.1254/2014 – ANNEX IV

Supplier

Siber Zone S.L.U.

Model

Siber ERV EVO 1

Identifier from the supplier's model	Units	ERV EVO 1			
SEC class average climate		A	A	A	A+
Average climate specific energy consumption (SEC)	kWh/(m ² a)	-36,6	-37,5	-39,3	-42,3
SEC class cold climate		A+	A+	A+	A+
Specific cold climate energy consumption (SEC)	kWh/(m ² a)	-73,0	-74,1	-76,3	-80,4
SEC class warm climate		E	E	E	E
Specific warm climate energy consumption (SEC)	kWh/(m ² a)	-13,21	-13,97	-15,38	-17,82
Ventilation unit type	Two-way residential ventilation unit (RVU)				
Drive type installed		Multiple speed control		Variable speed control	
Type of heat recovery system	Static heat recovery				
Thermal efficiency	%	83	83	83	83
Maximum flow rate	m ³ /h	151	151	151	151
Maximum electrical power input	W	46,9	46,9	46,9	46,9
Sound power level (LWA)	dB (A)	38	38	38	38
Reference flow	m ³ /h	106	106	106	106
Reference pressure difference	Pa	50	50	50	50
Specific fan power (specific power input - SPI -)	W/(m ³ /h)	0,208	0,208	0,208	0,208
Control factor and type installed or intended to be installed		1 Manual control	0,95 Timer	0,85 Centralised climate control	0,65 Local demand control
Maximum declared internal and external leak rate %	Internal	1,4	1,4	1,4	1,4
	External	5,2	5,2	5,2	5,2
Visual filter warning position and description	Warning on unit display or room controller				
Website for technical documentation	www.siberzone.es				
Annual electricity consumption by climate per surface area of 100 m2 (AEC)	kWh/a	305	280	233	155
Cold climate annual electricity consumption per surface area of 100 m2 (AEC)	kWh/a	842	817	770	692
Warm climate annual electricity consumption per surface area of 100 m2 (AEC)	kWh/a	260	235	188	110
Annual heating savings in an average climate for an apartment with a surface area of 100 m2 (AHS)	kWh/a	4359	4386	4440	4548
Annual heating savings in a cold climate for an apartment with a surface area of 100 m2 (AHS)	kWh/a	8527	8580	8686	8898
Annual heating savings in a warm climate for an apartment with a surface area of 100 m2 (AHS)	kWh/a	1971	1983	2008	2057

IMPORTANT NOTICE

Ensure there are air filters to keep the recovery unit's energy efficiency high, and regularly carry out cleaning and replacement maintenance. Read the instructions in the use and maintenance manual.

WARNING

Always ensure a filter is used. To prevent reduced effectiveness of your energy recovery ventilation, be sure to clean dirt and dust from the filter and heat exchange element at regular intervals. See the operating instructions manual.