EcoDesign

Siber HRV EVO 4 / HRV EVO 4 PR

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

Supplier		**Siber Zone S.L.U.**			
Model		**Siber HRV EVO 4 / HRV EVO 4 PR**			
Supplier model Code	**Units**	**HRV EVO 4 & HRV EVO 4 PR**			
Average Climate class SEC		A	A	A	A+
Specific Consumption of energy Average Climate (SEC)	kWh/(m²a)	-39.8	-40.5	-41.7	-43.8
Cold Climate class SEC		A+	A+	A+	A+
Specific Consumption of energy Cold Climate (SEC)	kWh/(m²a)	-65.9	-66.7	-68.2	-71
Warm Climate class SEC		E	E	E	E
Specific Consumption of energy Warm Climate (SEC)	kWh/(m²a)	-13.3	-13.8	-14.8	-16
Typology of unit of ventilation		UVR bidirectional			
Typology of drive installed		Control of Speed Multiple		Control of Speed Variable	
Type of heat recovery system		Heat Recovery Static			
Thermal efficiency	%	88.3	88.3	88.3	88.3
Maximum Flow	m³/h	400	400	400	400
Electric power input of the fan drive	W	236.6	236.6	236.6	236.6
Level of power acoustics (LWA)	dB (A)	49	49	49	49
Reference flow	m³/h	280	280	280	280
Reference pressure difference	Pa	50	50	50	50
Specific Power Input of reference flow (SPI)	W/(m³/h)	0.34	0.34	0.34	0.34
Control factor and typology installed or destined tobe installed		1 Manual control	0,95 Timer	0.85 Control environmental centralized	0.65 Control of demand local
Maximum internal and external leakage rate declared %	Internal	2.7	2.7	2.7	2.7
	External	4.2	4.2	4.2	4.2
Position and description of the warning of the filter visual.		Warning in the screen of the unit or controller of hall			
Internet address for technical documentation		www.siberzone.es			
Annual electricity consumption by area of floor of 100m² (AEC)	kWh/a	471	429	353	225
Annual electricity consumption climate cold by area of floor of 100m² (AEC)	kWh/a	1008	966	890	762
Annual electricity consumption climate warm by area of floor of 100m² (AEC)	kWh/a	426	384	308	180
Annual heating saved in climate average for a floor of 100m² _ (AHS)	kWh/a	4454	4477	4521	4611
Annual heating saved in climate cold for a floor of 100m²(AHS)	kWh/a	7600	7638	7714	7870
Annual heating saved in climate warm for a floor of 100m² (AHS)	kWh/a	1757	1765	1783	1820

IMPORTANT

Make sure air filters are present to keep the energy efficiency of the recovery unit high, and perform a cleaning regular and a maintenance replacement. Read the instructions in the manual of use and maintenance.

WARNING

Always be sure to use a filter. To avoid reduced effectiveness of your energy recovery ventilation, be sure to clean the dirt and the dust of the filter and he element of exchange of heat to intervals regular. Look he manual of instructionsof operation.