

ΜΙΚΡΟΚΛΙΜΑΤΑ Ε.ΚΑΦΦΕΣ ΑΕ



DC

DC motor

10

10 speed



Physical filtering



Energy recovery



Counterflow



Durable



Good insulation



Easy access



Silent operation



Bypass function



Energy saving



Smart control



Filter alarm



Central control



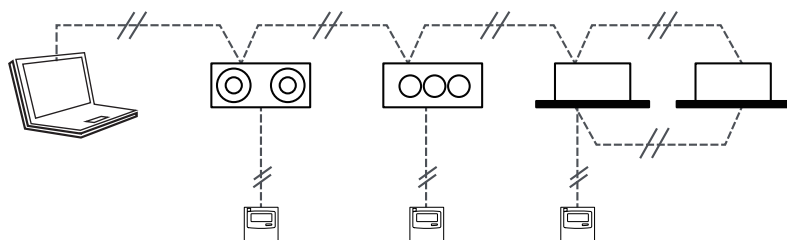
IAQ monitor

Innovative counterflow heat exchanger

The whole E. KAFFES ERV system is equipped with high efficient counterflow heat exchanger, that effectively recovers the heat and moisture, the heat recovery efficiency is up to 86%. Lower power consumption for the ERV.

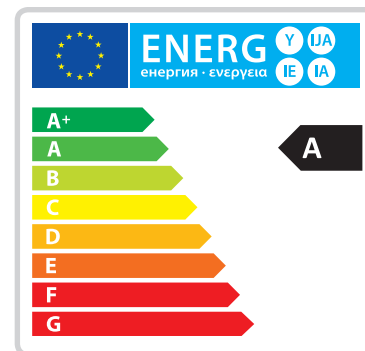


Linkage with external A/C system or BMS control



Energy efficiency class of A

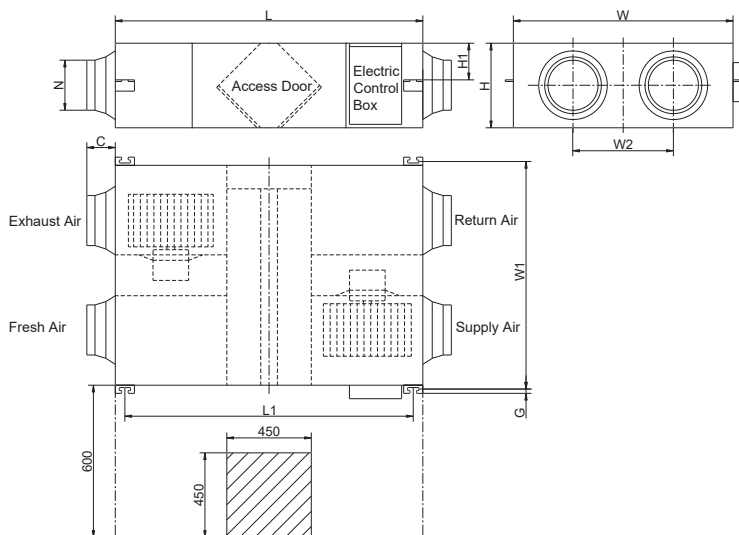
According to EU NO. 1254/2014



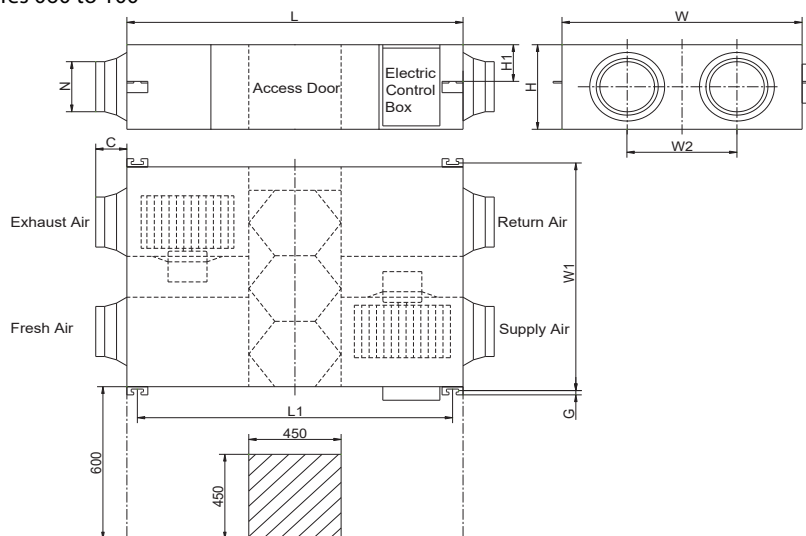
Model	Rated Air Flow (m ³ /h)	Rated E.S.P (Pa)	Enthalpy Efficiency (%)		Temperature Efficiency (%)	Noise dB(A)	Voltage (V)	Power Input (W)	Weight (kg)
			Cooling	Heating					
Heat Recovery Ekaffes 015	150	75	63-70	70-76	75-82	31.5	220	26	25
Heat Recovery Ekaffes 025	250	85	63-73	70-75	75-82	34.5	220	46	29
Heat Recovery Ekaffes 035	350	90	66-72	69-75	75-84	37.5	220	60	37
Heat Recovery Ekaffes 050	500	100	62-74	67-75	75-86	39	220	88	43
Heat Recovery Ekaffes 065	650	85	62-70	68-73	75-84	39.5	220	114	64
Heat Recovery Ekaffes 080	800	130	65-74	71-77	75-84	42	220	186	71
Heat Recovery Ekaffes 100	1000	110	65-74	71-78	75-85	43	220	243	83
Heat Recovery Ekaffes 130	1300	135	58-71	59-75	74-82	43	220	405	81

Dimensioned Drawings

Model Heat Recovery Ekaffes 015 to 050 & Heat Recovery Ekaffes 130



Model Heat Recovery Ekaffes 060 to 100



Dimensions

Model	L	L1	W	W1	W2	H	H1	C	G	N
Heat Recovery Ekaffes 015	808	867	580	510	290	264	20	100	19	ø144
Heat Recovery Ekaffes 025	882	810	599	657	315	270	111	100	19	ø144
Heat Recovery Ekaffes 035	882	810	804	860	480	270	111	100	19	ø144
Heat Recovery Ekaffes 050	962	890	904	960	500	270	111	107	19	ø194
Heat Recovery Ekaffes 065	1222	1150	884	940	480	340	146	107	19	ø194
Heat Recovery Ekaffes 080	1322	1250	884	940	428	388	170	85	19	ø242
Heat Recovery Ekaffes 100	1322	1250	1134	1190	678	388	170	85	19	ø242
Heat Recovery Ekaffes 130	1199	1130	1216	1273	621	388	171	85	19	ø242