

**Technical Specification of Xven ERV – SP Series Interior unit**

Model		SPH								SPC		SPE								SPS
		150	200	250	350	500	800	1000	250	350	500	800	1000	1500	2000	2500	3000	4000	450	
Power supply		1ph/220V/60Hz																		
Temperature Efficiency[%]	High	86.4	88.3	85.2	83.4	78.4	78.2	75.8	78.6	76.4	71	72	72	71	70	70	70	70	70	
	Low	94	96	93	91	85	85	82	85	83	77	78	78	77	76	76	76	75	75	
Enthalpy Efficiency[%]	Heating	High	78.1	80.4	76	74.6	72.5	71	70.7	70	68	66	67	67	67	66	67	66	65	67
		Low	85	87	83	81	79	77	77	76	74	72	73	73	70	70	73	72	72	71
	Cooling	High	59	60	59	61	60	61	60	60	60	60	61	60	60	61	60	60	61	60
		Low	68	69	68	70	69	70	69	69	69	69	70	69	69	68	69	69	68	68
Sound level[dB] at High		38	38	38.5	39	40	40.5	41	39	39.5	40	41	41	41.5	42	42.5	43	45	39	
Casing		Galvanized steel plate																		
Heat Exchange System		Air to air cross flow total heat(sensible heat + latent heat) exchange																		
Heat Exchange Element Material		Specially processed nonflammable paper																		
Electric Power Consumption[Kw]		0.07	0.085	0.114	0.15	0.167	0.37	0.485	0.114	0.15	0.28	0.48	0.504	0.80	0.98	2.10	2.10	3.20	0.21	
Air Filter		Pre-filter																		
Dimension[mm]	L	700	700	700	750	920	1210	1210	640	640	895	1140	1140	1320	1320	1430	1430	2100	900	
	D	640	640	640	640	1110	1270	1270	600	600	860	860	860	1265	1265	1680	1680	1645	696	
	H	360	360	360	360	360	390	390	240	340	355	495	495	565	565	560	560	667	253	
Duct[Flange] Size[mm]		125	150	150	200	200	250	250	125	150	200	250	250	300	300	350	350	600*320	150	
Fan	Type		Sirocco fan[Outer rotor]																	
	Airflow Rate [CMH]	High	150	200	250	350	500	800	1000	250	350	500	800	1000	1500	2000	2500	3000	4000	450
		Low	128	170	213	298	425	680	850	213	298	425	680	850	1275	1700	1806	2550	3400	383
	External Static Pressure [Pa]	High	100	119	135	157	171	233	183	110	120	160	180	180	200	200	230	230	250	45
Low		72	86	98	114	123	168	132	79	87	116	130	130	170	170	166	166	180	32	

※ This data may be changed upon request of customer's own specifications for special applications.