



COMMERCIAL ERV-ESP SERIES

Thenow light commercial ceiling mounted energy recovery ventilator (ERV)- **ESP System AF Series**, different from traditional physical filtration, adopt its patented Pure ESP sterilization system with bacterial killing efficiency up to 99.99% and particles filtration fineness small to 0.001 micron. It is typically used in large area such as hospitals, labs and other high IAQ request places. Thanks to the super low airflow resistance of our ESP filters and high efficiency air-to-air counter flow heat exchanger core, the energy consumption is reduced at its lowest.

Features



Pure ESP + Catalytic plate construction, zero ozone; and no need to replace it, thus saving the maintenance cost obviously



High efficiency filtration: G3 pre-filter + ESP Filter



Airflow Range: 500~1000CMH



High efficiency DC motor, low noise



Bypass is optional



Pre heating is optional



CO₂, VOC, PM_{2.5} and humidity sensors are optional



Sensible heat recovery unit is optional



Electrostatic Sterilization

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Negative Ozone Increase

Pure ESP System

Patent No. 201210037660.8

Technical Datas

Model	Power Supply	Rated Power (W)			Air Flow (m ³ /h)			Enthalpy Efficiency (%)			Outlet Total Pressure (Pa)			Noise dB (A)			Weight (kg)	Size (LxWxTmm)
		H	M	L	H	M	L	H	M	L	H	M	L	H	M	L		
TSX500-AF01	220V 50Hz 1PH	225	172	118	500	390	260	74	75	77	135	120	100	47	45	40	54	1290 x 1068 x 314
TSX850-AF01	220V 50Hz 1PH	350	165	100	850	700	600	73	74	75	180	155	140	52	49	48	78	1535 x 947 x 389
TSXS100-AF01	220V 50Hz 1PH	450	330	240	1000	800	600	71	73	75	200	180	145	55	52	48	93	1565 x 1257 x 389