



RESIDENTIAL ERV-ESP SERIES

Constant fresh air in your home is an important aspect to maintain the indoor air quality. A good ventilation system will protect your family from unpleasant odors and harmful contaminants such as formaldehyde and VOCs. Opening window is a simple way to increase ventilation, it can make your air feel less stuffy, but pollen and other allergens will be invited into your home at the same time.

Thenow residential 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. Thenow energy recovery ventilator ESP system, will exchange stale polluted air with fresh and clean outdoor air without wasting energy.



Features



Innovative high efficiency counter flow full heat exchanger



PM2.5-PM0.001 purification efficiency up to 99.99%



High efficiency DC motor, low noise



Pre heating is optional



Sensible heat recovery unit is optional



Four-layers filtration



Patented Pure ESP sterilization system filter the air without producing ozone



Bypass is optional



CO₂ , VOC, PM2.5 and humidity sensors are 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 (LxWxT mm)
		H	H	H	H	H		
TSX200-AF01	220V 50Hz 1PH	120	200	72	100	39	34	1240 x 666 x 272
TSX300-AF01	220V 50Hz 1PH	152	300	71	108	42	38	1240 x 782 x 272
TSX400-AF01	220V 50Hz 1PH	178	400	69	120	45	44	1240 x 872 x 272
TSX500-AF01	220V 50Hz 1PH	225	500	74	135	47	54	1290 x 1068 x 314