



# ENERGY RECOVERY VENTILATOR-ESP SERIES

Constant Fresh Air + Pure ESP System



[www.thenowair.com](http://www.thenowair.com)

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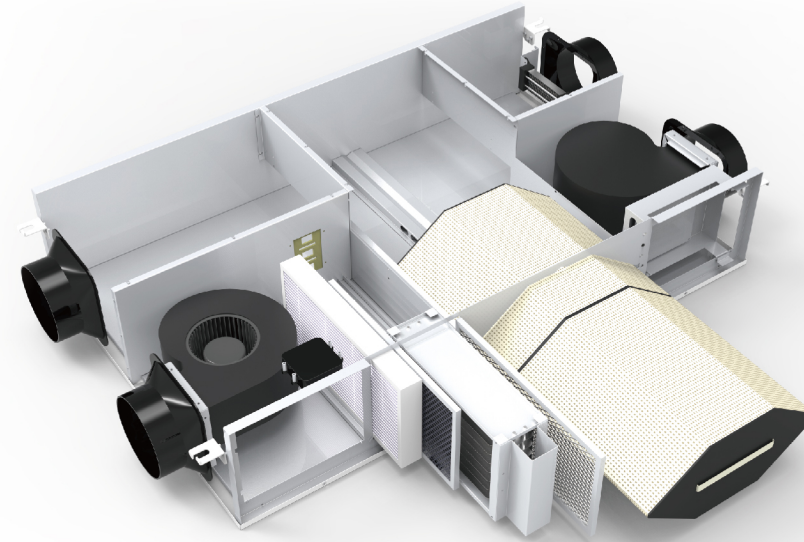
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# ERV-ESP Series



Electrostatic Air Purification System without Ozone

**Much Cleaner**



## White Color Appearance, Perfect Neutral

White color, simple and easy to match.



## Low Noise

All plates covered with rubber insulation cotton. Air channel with EPP.

**PM2.5**

Purification Efficiency  
**>99%**



Bacteria Removal Rate  
**>99.5%**



Heat Exchange Rate Up To  
**75%**

## Pure ESP System

(Patent NO. 201210037660.8)

Holding the traditional ESP's advantages, based on the Pure ESP & catalyzed coupling technology, Thenow's Pure ESP system introduced the Electrostatic dust collection technology to move off the solid granule, to kill the bacteria and stop the secondary transmission, to provide your family with higher grade and much safer fresh air.

The Ozone derived from the high voltage static will decompose to O<sub>2</sub> quickly upon the catalizer surface. Meanwhile, taking the active high-energy substance to drive the catalytic reaction to realize the high-efficiency decompose of the formaldehyde, toluene such VOCs under normal atmospheric temperature, so as to achieve zero Ozone adding during the whole running procedure.

Pure ESP makes the "clean electrostatic precipitation" technology come true.

Pure ESP is much safer than ordinary ESP system.

## O<sub>2</sub> Plus System

(Patent NO. 201510073537.5)

O<sub>2</sub> plus system of Thenow super Air system includes outdoor unit, O<sub>2</sub> plus tube, pre filter element, full heat ex-changer, realize air/temperature/humidity exchange between outdoor and indoor, ensure indoor with constant O<sub>2</sub>, constant temperature & constant humidity, also save energy. Supply the continuous O<sub>2</sub> plus fresh air. Small space will have green nature.



Constant Fresh Air

## Inventive Structure Design



Based on fluid dynamics principle, the device has reasonable internal airflow structure. With the best ratio of supply air and return air, it ensures indoor air slight positive pressure, thus avoiding outdoor dirty air in.

## DC variable frequency fan, better performance



Panasonic brand, quality guaranteed. More than **60%** energy saving than ordinary fans, the noise as low as 16DB (A).

The motor generates low heat and wraps with flame-retardant material to reduce running loss, service life up to **50,000** hours.

Large air volume, small size, space saving.

## Intelligent Control System (Optional)



Full LCD, full touch; With timer, no need to turn on and off time control, easy to operate.

According to the set air parameters, the fan speed can be automatically adjusted. Real time display of PM2.5, CO<sub>2</sub>, TVOC, temperature and humidity. ECO light mode, the display brightness automatically adjusted according to ambient light.

Manual and auto mode, both available.



Pure ESP System

- 24 hours continuously running, no Ozone addition in the overall process
- Discompose formaldehyde, methylbenzene, and other VOCs
- Purification precision up to PM0.001
- Eliminate various bacterial and viruses



## — Technical Datas —

Model	Power Supply	Rated Power(W)			Air Flow (m <sup>3</sup> /h)			Enthalpy Efficiency(%)			Outlet Total Pressure(Pa)			Noise dB(A)			Weight (kg)	Size (LxWxT mm)
		H	M	L	H	M	L	H	M	L	H	M	L	H	M	L		
TSX200-AF01	220V 50Hz 1PH	120	62	51	200	150	110	72	75	76	100	90	75	39	35	29	34	1240 x 666 x 272
TSX300-AF01	220V 50Hz 1PH	152	120	62	300	210	150	71	73	75	108	98	90	42	39	36	38	1240 x 782 x 272
TSX300-AF02	220V 50Hz 1PH	140	83	37	300	200	120	73	76	78	120	100	70	46	40	35	48	1270x 723 x 225
TSX400-AF01	220V 50Hz 1PH	178	150	115	400	310	230	69	71	73	120	110	99	45	42	38	44	1240 x 872 x 272
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