

Purifying Heat Recovery Fresh AHU's



Multiple haze removal, healthy home

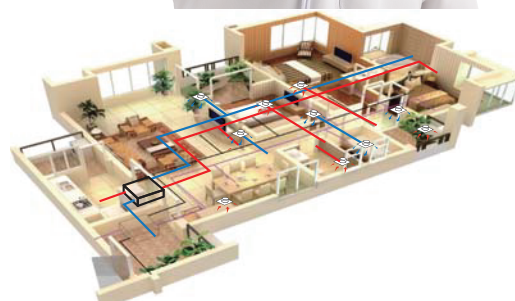
Must-have for haze removal

More layers of filtering bring more health protection
PM2.5 removal rate of up to 95%.

All-round air replacement

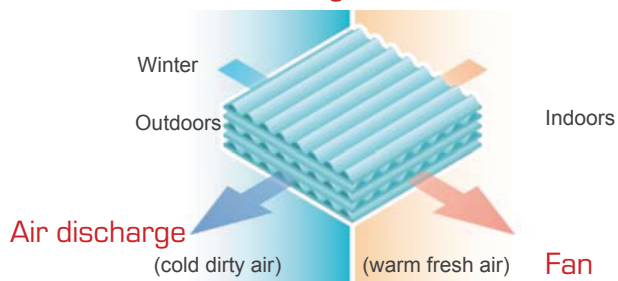
Enjoy fresh air without having windows open

The unit is ceiling-mounted in places not that noise-sentimental. With all air ports put indoors, it can ensure that air is supplied and discharged evenly and smoothly.



Efficient energy recovery

Efficient heat exchanger core



The heat recovery core is formed by cross-laminating and rotating single-sided corrugated paper sheets by 90°. Such core has two vertical paths which leave each other in peace. In this way, the fresh air and return air could go separate ways and heat and humidity can be exchanged.

Equipped with Japan's latest technology, the parallel paper for such core is uniform in texture and without pores, and shows heat recovery efficiency of 80%.

Parameters of purifying heat recovery fresh air handling unit

Model	AP.USA015L	AP.USA025L	AP.USA035L	AP.USA050L	AP.USA080L
Power supply	220V~50Hz				
Input power W	105	135	276	365/380	550/570
Current A	0.5	0.6	1.25	1.7/1.76	2.5/2.62
Air flow m³/h	150	250	350	500	800
Purification efficiency	95%	95%	95%	95%	95%
External static pressure (Pa)	80	80	80	50/100	50/100
Heat exchange efficiency (heating/cooling) %	85/67	82/63	80/62	73/61	71/62
Enthalpy exchange efficiency (heating/cooling) %	75/55	72/52	68/51	64/50	65/50
Noise (dB(A))	32	34	39	43	45
Net weight (kg)	24	24	27	53	60