

PAD Duct-type Sterilizer and Deodorizer



Effective
deodorization

Resistance to
harsh environments

Multiple specs
available

Uniform size
distribution

Product Introduction

The air duct type sterilizer and deodorizer adopts plasma technology to generate high-density plasma and multiple purification factors. Centralized processing is achieved through the design of external fan and pipeline. Multi specs modular joint design can meet the air volume demand of different places. It is the top choice for the deodorization and purification of air discharging in garbage room and sewage treatment room.

Product Features

- ◆ Full range millimeter air flow channel for thorough deodorization
- ◆ Multiple specs are applicable to air volume demand in different places
- ◆ Efficient degradation of volatile organic compounds in the air, such as formaldehyde, benzene, etc
- ◆ High removal efficiency of bacteria, virus and fungi up to 99.9%
- ◆ Decomposition of ammonia, hydrogen sulfide and other harmful gases
- ◆ No chemical agents and secondary pollution
- ◆ Simple installation, easy operation and maintenance

Product Parameters

Product Model	PAD01-A	PAD02-A	PAD03-A	PAD04-A	PAD05-A
Processed Air Volume(m ³ /h@1-2.5-4m/s)	375-937-1500	500-1250-2000	750-1875-3000	1000-2500-4000	1250-3125-5000
Pressure Drop(Pa@1-2.5-4m/s)	23-98-233				
Ammonia Purification Efficiency (%@1-2.5-4m/s)	93.4 - 91.6 - 91.5				
Hydrogen Sulfide Purification Efficiency (%@1-2.5-4m/s)	90.9 - 82.2 - 62.9				
Tvoc Purification Efficiency (%@1-2.5-4m/s)	83.1 - 72.6 - 69.8				
Benzene Purification Efficiency Of (%@1-2.5-4m/s)	85.4 - 72.0 - 60.5				
Ammonia Circulation Purification Efficiency (%@1h-2h-3h)	97.4 - 99.9 - 99.9				
Hydrogen Sulfide Circulation Purification Efficiency (%@1h-2h-3h)	99.9 - 99.9 - 99.9				
TVOC Circulation Purification Efficiency (%@1h-2h-3h)	96.0 - 96.7 - 98.1				
Benzene Circulation Purification Efficiency (%@1h-2h-3h)	96.3 - 97.3 - 97.4				
Sterilization Rate(%@1h)	≥99.9				
Input Power(V/Hz)	220-240~/50-60	220-240~/50-60	220-240~/50-60	220-240~/50-60	220-240~/50-60
Rated Power (W)	35-80	40-90	50-110	70-150	80-180
Dimensions (W*H*D)(mm)	315*300*655	315*300*844	315*455*655	315*455*844	315*455*1004
Equipment Weight (kg)	17	20	23	25	28

Note: This product can sterilize and remove the odor generated by garbage and sewage (such as ammonia, hydrogen sulfide, methyl mercaptan, methylamine, etc.). Since there are many factors affecting the efficiency, the above parameters are only for reference. If necessary, you can contact the manufacturer to provide professional technical services.