

FAD: Air Duct Sterilizing Purifier

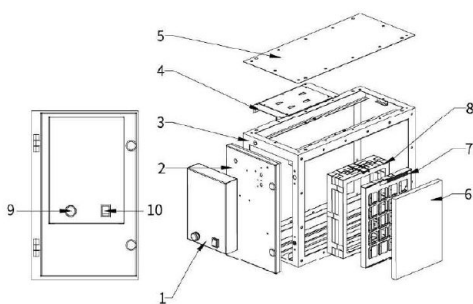
Efficient filtration, Operate in high humidity environment,
Applied to high-speed airflow.

High filtration efficiency, can run in high humidity environment and with high speed air flow.



Product Feature

- Low efficiency loss with high speed air flow
- Fit in high humidity environment
- Safer and stable performance
- More options with different air volume
- Excellent one-pass particle removal rate
- Repeatedly wash with no consumables
- Can be use instantly after washing
- Low energy consumption with flow sensor switch
- Easy installation.



1	2	3	4	5
Control box	Door panel	Purification parts	Electrode insulation board	Cover
6	7	8	9	10
Pre-filter	Charge grid	MESP filter	Running indicator light	Power light



MESP Technology



Washable and reusable filter



Remove PM viruses and bacteria



Low energy consumption



Safe, no arc & spark



Intelligent purification

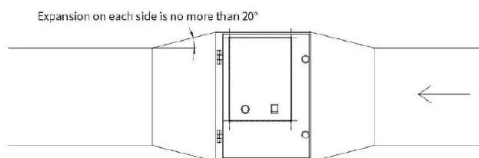


3-D air circulation

Specification Parameters

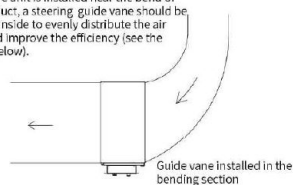
Model	FAD01M-A	FAD02M-A	FAD03M-A	FAD02M-A × 2	FAD02M-A + FAD03M-A	FAD03M-A × 2
Applicable Air Volume(m³/h)	1300	2600	3900	5200	6500	7800
Pressure Drop(Pa @2.5m/s)	<50			<50		
Cleaning Efficiency for PM2.5(%)	Up To 97			Up To 97		
Microorganism Purification Efficiency(%)	Up To 97(Staphylococcus albus)			Up To 97(Staphylococcus albus)		
Power Supply(V/Hz)	100-240~/50-60			100-240~/50-60		
Rated Power(W)	5	10	15	20	25	30
Status Indication	Power Switch/Running			Power Switch/Running		
Dimension(W×H×D mm)	400×446×330	700×446×330	1000×446×330	1400×446×330	1700×446×330	2000×446×330
Weight (Kg)	13	19	25	38	44	50
Combining Form	Single Unit			Assembly Unit		

Installation Diagram:



The air duct purifier is just for indoor installation.
For outdoor installation, please use rain shield.

When the unit is installed near the bend of the air duct, a steering guide vane should be installed inside to evenly distribute the air flow and improve the efficiency (see the figure below).



Control Box

Model	BOX2M(Control box)
Dimension(WxHxD mm)	250*300*120
Power Switch	Power Switch
Running Light	Yes
Cleaning Time Indicating/Timing Function	Yes
BA Dry Contact(Operation,Failure,Cleaning)	Yes

