

FKE-UV-I-G series

Electrostatic Photolysis Integration Purifier

It handles oil fumes and odor at the same time, and its compact size saves more space.



Features:

- **Double purification:**
Electrostatic filtration + UV photolysis integrated design, oil fume and odor treatment functions are combined into one, meeting the requirements of national standards and various local standards.
- **Intelligent operation:**
Equipped with electrostatic + UV dual operation and maintenance indicators, the working status is displayed in real time, and the whole machine is capable of linkage control with the fan.
- **Odor removal lamp:**
Imported brand high boron quartz glass lamp with a service life of more than 12000 hrs. The surface of the lamp tube has a protective coating, which is not only resistant to high temperatures and corrosion, but also has high light transmittance and high photoelectric conversion rate.
- **Dual-band UV:**
The high light energy of 185nm and 253.7nm wavelengths is used to interrupt the molecular bonds of the odor; at the same time, the ozone generated by the activation of 253.7nm wavelengths oxidizes and decomposes the odor. Fast odor removal, high odor removal rate.

Product Parameter

Model		FKE-UV-I-01G	FKE-UV-I-02G	FKE-UV-I-03G	FKE-UV-I-04G	FKE-UV-I-05G
DOP 90%	Processed Air Volume(m³/h)	3000	6000	9000	12000	15000
	Pressure Drop(Pa)	≤105				
DOP 95%	Processed Air Volume(m³/h)	2300	4600	6900	9200	11500
	Pressure Drop(Pa)	≤75				
Input Power(V/Hz)		220-240-/50-60				
Rated Power (W)		157	253	349	445	541
Dimension(L*W*H mm)		785*662*575	785*1122*575	785*1583*575	785*2044*575	785*2505*575
Equipment Weight (kg)		65	98	131	167	200
Service Life of Lamp (h)		12000				
Status Indication		UV operating, Operating, Maintenance, Failure				
Options		Oil collecting tray				
Maintenance Space (mm)		1030				
Mounting Feet Height (mm)		130				

*Default airflow direction is left inlet and right outlet, and the direction can be reversible on site.