

FKE-I-G series Kitchen Exhaust Purifier

Compact and efficient, has IP54 certificate.



Features:

► Efficient purification:

Dust collection plates of cells are made up of aviation grade aluminum which bring good electrical conductivity and prevent corrosion and rust. Purification efficiency is much higher than common design thanks to the large collection area and close spacing between plates.

Material of the ionization saw blade is SUS304. The saw teeth will not get carbonized. Discharge performance and the ion release of the whole units are long-lasting, stable and efficient.

► Safe and reliable:

Using insulating ceramic blocks with a long creepage distance, which meets safety requirements and complies with UL safety regulations. It has high mark resistance index and prevents high-voltage electric breakdown and sparking.

The integrated electronic control box provides multiple safety protection functions for power supply. High-temperature fire protection certificate from an authoritative institute (Tianjin Fire Station) to prevent fires.

► Cleaning and quick drying:

New ceramic block installation process, effectively reduce the residual water rate after washing; hollow-out ion box patent design (patent number: ZL 202230017687.5), to ensure that the equipment cleaning more clean, dry after washing quickly; optimized internal oil drainage system, facilitate a smoother flow of oil.

► Rain-proof and sun-proof:

The unit has passed IP54, it has good waterproof and dustproof sealing. The casing is made of zinc iron alloy. Special outdoor anti-UV paint is used. The devices went through about 500 hours of salt spray and UV aging tests, the electrostatic spraying process ensures the paint cannot peel off easily, more resistant to corrosion.

► Easy to install and maintain:

The equipment comes with lifting holes and brackets, which can adapt to various installation methods. The left and right door opening can be adjusted on-site, and there is no pressure to place orders and stock up. Small maintenance space, suitable for narrow and small sites. Modular assembly for faster installation. Integrated electronic control makes maintenance more convenient. Simple appearance is conducive to allocation and turnover.

Product Parameter

Model		FKE-I-01G	FKE-I-02G	FKE-I-03G	FKE-I-04G	FKE-I-05G
DOP 90%	Processed Air Volume(m ³ /h)	3000	6000	9000	12000	15000
	Pressure Drop(Pa)	≤95				
DOP 95%	Processed Air Volume(m ³ /h)	2300	4600	6900	9200	11500
	Pressure Drop(Pa)	≤65				
Input Power(V/Hz)		220-240~/50-60				
Rated Power (W)		93	125	157	189	221
Dimension(L*W*H mm)		660*662*575	660*1122*575	660*1583*575	660*2044*575	660*2505*575
Equipment Weight (kg)		55	81	107	136	162
Status Indication		Operating, Maintenance, Failure				
Options		Oil collecting tray, Fine mesh filter				
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.

Product Dimension

