

Auto-wash FKE-I-G series

Automatic Cleaning Kitchen Exhaust Purifier

Automatic washing and power-on start reduce the maintenance workload.



Features:

- ▶ The smart control unit makes it possible to automatically wash the purifying modules at regular intervals, effectively solving the problems of inconvenient washing with ceiling installation;
- ▶ Time programming for every section of washing is available, so that custom washing procedure can be made in light of customer needs;
- ▶ The PWM power supply module makes the product more steady, safe, and efficient;
- ▶ With a cleaning solution tank and pump-valve system, the product can clean better with warm water mixed;
- ▶ The smart control system can program 24*7;
- ▶ With high-performance washing nozzles, spray cleaning solution can make oil clots swell and come off.
- ▶ pipe systems made up of copper pipes and stainless 314 waterpipes/imported high-performance spraying nozzles.

Product Parameter

Model		FKE-I-01G+AC	FKE-I-02G+AC	FKE-I-03G+AC	FKE-I-04G+AC	FKE-I-05G+AC
		FKE-I-01G(L)+AC	FKE-I-02G(L)+AC	FKE-I-03G(L)+AC	FKE-I-04G(L)+AC	FKE-I-05G(L)+AC
DOP 90%	Processed Air Volume(m ³ /h)	3000	6000	9000	12000	15000
	Pressure Drop(Pa)	≤165				
DOP 95%	Processed Air Volume(m ³ /h)	2300	4600	6900	9200	11500
	Pressure Drop(Pa)	≤110				
Input Power(V/Hz)		220-240~/50-60				
Rated Power (W)		93	125	157	189	221
Main Equipment Dimension(L*W*H mm)		882*662*575	882*1122*575	882*1583*575	882*2044*575	882*2505*575
Main Equipment Weight(kg)		72	104	137	175	215
Drain Pain Weight(kg)		16	25	34	43	52
≥3Bar Water Supply Flow (m ³ /h)		0.75	1.5	2.25	3	3.75
Water Consumption(L)		37	74	112	149	186
Detergent Consumption(L)		0.62	1.24	1.86	2.48	3.1
Inlet Connection Pipe/Drainage Connection Pipe(G thread)		DN20 (3/4") external thread / DN80(3") external thread				
Status Indication		Operating, Maintenance, Failure				
Options		Intelligent cleaning control box, Detergent tank cleaning system				
Maintenance Space(mm)		1030				
Drain Pain Height(mm)		130				
Mounting Feet Height(mm)		130				

*Left/right door open definition:When a person stands at the air outlet of the unit and looks toward it,if the door is on the right hand side,then it is considered "right" door open.If the access door is on the left hand side,then it is considered "left" door open.

Auto-Wash Cleaning System

High-lift pump and large-capacity tank can mix the cleaning agent and the clean water in advance, to enhance the cleaning effect and make the oil block easier to be carbonized and fall off.



Water Spay Module



Drain Pan



Control Box



Detergent Tank

FKE-BOX Intelligent Cleaning control box		
Intelligent Cleaning Control Box	Dimension(L*W*H mm)	532*210*482
	Equipment Weight(kg)	18
	Control Output	FKE-AC、Solenoid Valve
	Control Box Function	Auto/Manual washing mode,One to one cleaning control ,Factory pre-program washing sequence,fan blower linkage abilities,7daysx24h clock initiator
	Input Power(V/Hz)	220-240~/50-60
	Power Capacity(W)	3000

FKE-AW Detergent Tank Cleaning System		
Detergent Tank Cleaning System	Dimension(L*W*H mm)	410*540*1120
	Washing Tank Capacity(L)	120
	Rated Power(W)	800
	Outlet Pipe Interface	DN15 internal thread
	Equipment Weight(kg)	Empty 35kg; full 155kg
	Configuration	Detergent pump and storage tank