

FKF-GW series

High Efficiency Activated Carbon Box (Plate Type)

Efficient deodorization with low resistance



Features:

- W-shaped carbon plate structure:
50mm thick carbon plate, unique tilt angle, and optimized internal structure make the air flow more divided. The air passing area is large with small leakage rate, the contact time is long, and the odor removal efficiency is high; the wind speed and resistance are small, and the fan operation energy consumption is low.
- Honeycomb mesh carbon plate:
Improves the filling density and amount of activated carbon; also makes the particle distribution more uniform, increases the air contact surface, strengthens the adsorption effect, and ensures that the activated carbon does not leak.
- Easy and efficient maintenance:
Easy to pull out activated carbon plates, independent transparent plastic bag packaging, and disposable non-filling replacement design for easy replacement, can be quickly completed by one person.
- High-quality activated carbon:
Use 3# high-quality lightweight columnar activated carbon, has large surface area and adsorption capacity; strong adsorption power, rapid odor removal; durable, low powder loss rate, clean and long-lasting.
- Humanized design:
The modular combination air flow can be freely expanded, and flanges of the same specifications can be quickly matched with FKE/FKE-UV. Anti-UV paint, electrostatic spraying, sealing tape, IPX4, ensure sun and rain protection, corrosion and rust resistance when used outdoors.

Product Parameter

Model	FKF01GW	FKF02GW	FKF03GW	FKF04GW	FKF05GW
Odor Removal Rate(%)	≥95				
Processed Air Volume(m³/h)	3000	6000	9000	12000	15000
Pressure Drop(Pa)	110~200				
Dimension(L*W*H mm)	690*519*575	690*979*575	690*1440*575	690*1901*575	690*2362*575
Equipment Weight (kg)	67	109	149	192	232
Activated Carbon Content(kg)	13	26	39	52	65
Activated Carbon Replacement Method	Carbon plate replacement (disposable non-filling type)				
Maintenance Space (mm)	700				
Mounting Feet Height (mm)	130				