

Activated carbon filter

It is mainly used to filter acidic and alkaline gases and odorous gases in the air. It is suitable for primary air filtration or exhaust gas filtration in central air conditioning systems and clean air conditioning systems to meet environmental emission standards.

一、Material composition:

A. Folded View

Outer frame: Aluminum profile outer frame / Galvanized iron outer frame

Protective mesh: Painted square mesh/aluminum mesh.

Filter media : 3mm and 5mm activated carbon cotton

B. Mother-and-child frame

Outer frame: Aluminum profile outer frame / Galvanized iron outer frame

Mother-daughter frame: Double-layer galvanized steel wire frame

Filter media : 5mm and 10mm activated carbon cotton

C. Bag type

Outer frame: Aluminum profile outer frame / Galvanized iron outer frame

Filter media : 5mm activated carbon cotton

D. Flat panel

Outer frame: Aluminum profile outer frame / Galvanized iron outer frame

Protective mesh: Painted square mesh/aluminum mesh.

Filter media : 10mm activated carbon cotton

Since the folded view is the most common type, the following product standards for the parameters will only use the folded view as the standard.

II. Features of this product:

1. Dual function of odor adsorption and air filtration.
2. Strong adsorption capacity for acidic and alkaline gases and odorous gases.
3. Low resistance, large filtration area, and large air volume.
4. The thickness is usually 21 mm , 46 mm, etc.

Common Specifications and Other Parameters Table

External dimensions (mm)	Rated air volume (m ³ /h)	initial resistance (Pa)	Efficiency (Level) (class)		Filter media model
295 × 295 × 46 mm	1000m ³ / h	3.5Pa	≥ 80% (Adsorption efficiency)	G3 G4	Black filter cotton with activated carbon powder
495 × 295 X 46m	1600m ³ / h				
495 × 495 × 46mm	2800m ³ / h				
595 × 295 X 46mm	2000m ³ / h				
595 × 495 × 46mm	3300m ³ / h				
595 × 595 × 46mm	4000m ³ / h				