

Activated Carbon Pocket Filter

Product Features

Activated carbon bag filters are perfect for removing various odors, gases, and volatile organic compounds (VOCs) from the air. Activated carbon pocket filters consist of a robust bag or pocket-like structure, which has an immense surface area that readily adsorbs fumes and traps airborne contaminants.

1. Vast surface area, excellent adsorption efficiency, and adequate airflow.
2. Removes odors, volatile organic compounds (VOCs), chemicals, gases.
3. Standard sizes W x H x D(mm): 592*592*600, 287*592*550, Customization Available.

4. Applications:

Typically used in HVAC systems to remove gaseous contaminants and airborne particles, creating a comfortable indoor environment

Most used industries: commercial buildings, pharmaceuticals, healthcare facilities, food process, education, etc.



Technical Index

Grade: G3, G4;

Moisture Resistance: 100% RH

Heat Resistance: $\leq 80^{\circ}\text{C}$

Adsorption Rate: $\geq 25\%$

Filter object: Low concentrations of odors, foul smells, formaldehyde,

benzene, ammonia, and other organic compounds.

Instantaneous Temperature Resistance: $\leq 120^{\circ}\text{C}$

Material characteristics

Filter Media: Activated carbon filter cotton

Frame: Galvanized iron frame, aluminum alloy frame, stainless steel frame, plastic frame

Features:

Multi-bag design with high air throughput

Frameless option available

Reusable frames and support brackets

Technical Parameter

| Model | Filtration Grade | Dimensions (mm) W*H* D | Pockets Quantity | Media area(m ³) | Final Resistance(Pa) | Rated Air Flow(m ³ /h) |
|---------|------------------|------------------------|------------------|-----------------------------|----------------------|-----------------------------------|
| WS-BC01 | G3(EN799) | 287*592*550 | 3 | 1.86 | 65 | 1700 |
| WS-BC02 | | 490*592*550 | 5 | 3.12 | 65 | 2800 |
| WS-BC03 | | 592*592*600 | 6 | 3.78 | 65 | 3400 |
| WS-BC10 | G4(EN799) | 287*592*600 | 3 | 2.12 | 80 | 2250 |
| WS-BC11 | | 490*592*600 | 5 | 3.66 | 80 | 3650 |
| WS-BC12 | | 592*592*600 | 6 | 4.40 | 80 | 4250 |

Web: www.whalesens.com
Email: whalesens@gmail.com
Tel: +8613119189886

Whalesens Technology Co., Ltd