

Activated Carbon Panel Filter

Product Features

Activated Carbon Panel Filters combines mechanical particulate filtration (panel/pleat design) with activated carbon adsorption for comprehensive air purification.

1. Dual-Action Filtration: Captures airborne particles and neutralizes VOCs, odors & toxic gases
2. Excellent filter media for panel filters, pocket filters, and more.
3. Structural stability, detachable design, replaceable filter media, reusable frame & skeleton
4. Applications:

Commercial or industrial settings: to remove noxious substances or odor.

HVAC systems: to maintain a healthier and more pleasant indoor environment.



Technical Index

Moisture Resistance: 100% RH

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

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

Filter object: Low concentrations of odors, foul smells, formaldehyde, benzene, ammonia, and other organic compounds.

Material characteristics

Filter Media: Activated carbon filter cotton, carbon-sandwiched non-woven fabric, activated carbon fiber felt.

Frame options: Galvanized iron frame, aluminum alloy frame, stainless steel frame, cardboard frame

Protective Mesh: Galvanized mesh, aluminum mesh, stainless steel mesh, plastic-coated mesh

Detachable structure option available; reusable frame and protective mesh

Technical Parameter

Model	Dimensions (mm) W*H* D	Initial Resistance (Pa)	Air Flow(m ³ /h)	Velocity(m/s)
WS-PC01	595*495*8	2.16	2704	0.59
WS-PC02	595*595*8	3.69	3250	0.71
WS-PC03	592*287*10	1.89	1560	0.34
WS-PC04	592*490*10	2.28	2650	0.58
WS-PC05	592*592*10	1.10	3200	0.70
WS-PC06	592*287*21	2.78	1560	0.34
WS-PC07	592*490*21	3.36	2650	0.58
WS-PC08	592*592*21	1.63	3200	0.70

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

Whalesens Technology Co., Ltd