

We clean the air you breathe®

Activated Carbon Air Filter



Description:

Activated Carbon Air Filter is used for absorbing airborne gas or vapor, is made from coconut shell. The shells are heated to over 2,000 C under high pressure, which causes fissures on the surface of the carbon, creating a high quality, small pore activated carbon. The fissure system is extensive, creating a very large surface area in a small package, and it is in these fissures that other gases and particles are trapped.

Activated carbon has the ability to capture gas molecules and hold them. The carbon surface is made up of millions of tiny pores, the gas and odors fall into these pores and trapped there until the pad is disposed.

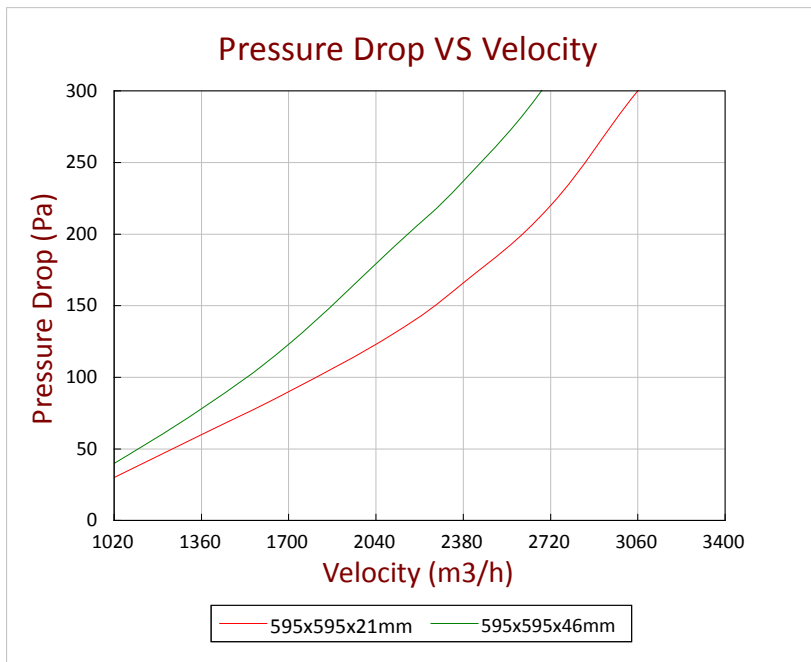
Features and benefits:

- Effective gas phase filtration for common, compact applications.
- Excellent gas phase filter for intermittent gas applications.
- Low pressure drop.
- Excellent filter to determine if carbon filters will help remove the odor
- Fits all standard front access frame & side access housings.
- Disposable, easy to use, low service cost.
- Produce little to no dust
- Efficient removal of particulate MERV 6 (per ASHRAE Standard 52.2-2002)
- Each filter includes a label noting tested efficiency, pressure drop, rated airflow.
- All filters wrapped and sealed in protective plastic bags.

Application:

The Activated Carbon filter is well suited for use where gas contaminants are low and/or intermittent.

- Chemical Industry
- Food Industry
- Airport
- Shopping Mall
- School
- Commercial Building
- Hospital



Material Spec and Running Condition:

Media	Activated Carbon Fiber
Adhesive	Contact Adhesive
Frame Option	Cardboard/Al/GI
Odor Removal	70%
Temperature	≤80℃
Humidity:	Cardboard: ≤80%RH Metal Frame:100%RH
Thickness	10/21/46mm
Flame Resistance	UL-2 (UL 900)

Technical Spec:

Model	Width (mm)	Height (mm)	Depth (mm)	Rated Airflow (m ³ /h)	Initial Resistance (Pa)	Final Resistance (Pa)	Filtration Area (m ²)	Odor removal rate (%)
CF-001	592	592	21	1100	40	150	0.9	70
CF-002	287	592	21	550	40	150	0.44	70
CF-003	490	592	21	950	40	150	0.76	70
CF-004	592	592	46	1200	40	150	0.97	70
CF-005	287	592	46	600	40	150	0.51	70
CF-006	490	592	46	1000	40	150	0.8	70
CF-007	495	295	21	500	40	150	0.4	70
CF-008	610	610	46	1340	40	150	1.06	70
CF-009	495	495	21	840	40	150	0.67	70
CF-010	295	295	46	327	40	150	0.26	70
CF-011	495	295	46	544	40	150	0.43	70
CF-012	495	495	46	907	40	150	0.72	70
CF-013	595	295	46	653	40	150	0.52	70
CF-014	495	495	46	1089	40	150	0.86	70
CF-015	295	295	10	235	40	150	0.1	70
CF-016	495	295	10	394	40	150	0.16	70
CF-017	495	495	10	662	40	150	0.27	70

P.S: Customized size is available!



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