

SILVER-IMPREGNATED ACTIVATED CARBON CARTRIDGES

Silver-Impregnated Carbon Cartridges rely on silver ions' microseism to prevent the formation of bacteria and germs, extending the life of the carbon blocks.



CVS Series Cartridge Filters

PRODUCT CATEGORIES

- **CVS** - Extruded Coconut Shell Activated Carbon, silver-impregnated



CVS Cross Section

CARBON PERFORMANCE DATA

- Vaporized Silver Content 0.15~0.3%
- Iodine rating 1,000 mg/g
- Methylene rating 195 mg/g
- Benzene adsorption capacity $\geq 30\%$
- Maximum operating temperature 65°C
- Chemically compatible to strong acid and alkali
- Optimum sterilizing flow rate 5 L/min per 10" length
- Iodine adsorption efficiency $\geq 99.9\%$
- Methylene Blue de-colorization ≥ 160 mg/g
- CTC adsorption $\geq 75\%$
- PH rating 7~9
- Low flammability

FEATURES

- Sanitary grade filter media
- Minimal binder usage. Free of carbon fouling and channelling, low flow resistance & greater dirt holding capacity
- Minimal carbon fines shed during start-up
- Rigid carbon extrusion for excellent pressure resistance
- Large carbon contact surface

TYPICAL APPLICATIONS

- Drinking water sterilization
- Water purification & processing
- Pharmaceutical
- Food & beverage
- Chemicals

TECHNICAL SPECIFICATIONS

Filter Code	Description	Length	Micron	Efficiency	Change-out ΔP	Filtration Type	Max. Operating Temperature
CVS	Silver-Impregnated Carbon	10"	5 μm	Nominal	0.25~0.35 MPa	Depth	65°C @ 0.1MPa

ISO9001 Certified Manufacturer