

Saltreat® SC Series Activated Carbon Block Filter

Saltreat® SC Series Carbon Block Cartridges is made from the finest quality coal based carbons . Because of the unique pore structure of this carbon, it is well suited for chemical adsorption, including VOCs, while reducing chlorine and chemicals that contribute to taste and odor, **Saltreat® SC Series Carbon Block Cartridges** provide 1~20µm particulate filtration and extended life as a fine sediment Cartridges.

Thus service life of a **Saltreat® SC Series Carbon Block Cartridges** is greatly extended by an outer layer of 10~15µm polypropylene non-woven pre-filtration media and will operate effectively in most in installations without pre-filtration.

Features	<ul style="list-style-type: none"> ▶ Low pressure Drop. High performance. ▶ Highly effective filtration of water for certain VOC'S, Chlorine, taste and odor. ▶ Extra dust holding capacity ▶ Greater solids holding capacity. ▶ Longer service life. ▶ Various Media are available. ▶ No leaching carbon ash. ▶ 1 to 20 micron filtration. 			
	commercial	<ul style="list-style-type: none"> ▶ Drinking water system ▶ R.O system and general commercial water system 		
Recommended Applications	Industry	<ul style="list-style-type: none"> ▶ Amines, glycols, sulfanols ▶ Water purification ▶ Vending machines ▶ Photographic ▶ Dechlorinating ▶ Plating solutions ▶ Oil removal ▶ Aromatic compounds ▶ High molecule weight alcohols 	<ul style="list-style-type: none"> ▶ Color removal ▶ Drinking water ▶ Benzene/Toluene ▶ PCB's (polychlorinated biphenyls) ▶ Organic contaminants ▶ Clarity improvement ▶ Cooling tower treatment ▶ Beverages 	
		Operation conditions	Maximum operating pressure	7.5kg/cm ²



GENERAL SPECS

Materials of construction	<p>Media: Bonded Activated Carbon</p>  <p>End caps: Polypropylene Inner/Outer wraps: Polypropylene non-woven Netting: Polypropylene Gaskets: Bune-N</p>
Retention ratings (µm)	5~25 micron
Dimensions	<p>Inner diameter :28mm Outer diameter: 66mm~112mm (nominal 2.5" ~ 4.5") Length : 247mm~1016mm (nominal 10" ~ 40")</p>

SC Series Carbon Block materials specification :

Type of Activated Carbon	Coal shell base
Bet. N2 Surface Area(m ² /g)	1000
Iodine Number (mg/g)	≥950
Methylene Blue Adsorption(mg/g)	≥160
Bulk Density (g/cm ³)	~0.43
Ash Content (%)	≤15
Moisture (%)	<5
P.H	~9

Ordering Information :

Model #	Retention Rating	Size	Qty Per Box
SC-C-05-10A-C066	5 µm	2-1/2 " x 9-3/4 "	20
SC-C-05-20-C066	5 µm	2-1/2 " x 20 "	20
SC-C-05-30-C066	5 µm	2-1/2 " x 30 "	15
SC-C-05-40-C066	5 µm	2-1/2 " x 40 "	15

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

NOTE(1): Cartridges will contain a very small amount of carbon fines (very fine black powder) and a new cartridge after installation should be flushed with sufficient water to remove all traces of the fines from your water system before using the water (for at least 30 seconds prior to using water).

NOTE(2): Micron ratings are based on 85% or greater removal of given particle size.

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