

Carbon-Clean Series Filter Cartridges



Product Introduction

CB-B Series



Carbon-Clean's CB-B series filter is a cost effective alternative to granular activated carbon cartridge. It is excellent at absorbing unwanted taste, odor and color. Besides, CB-B cartridge is durable by its strength crushing process. It's a suitable choice for potable water and food service applications. CB-B also utilizes high porosity design of carbon to provide premature plugging, and its polypropylene inner and outer layer filtration media can provide pre-filtration and post-treatment.

CB-WS Series

Carbon-Clean's CB-WS series filter has carbon-impregnated cellulose media that can provide lower pressure drops than conventional carbon block filter technology. In addition, CB-WS series filter's carbon technology can improve the quality of potable water by removing unwanted taste, odor and color. Besides, its polypropylene components provide a wide range of options to address chemical compatibility concerns.



CB-RC Series



Carbon-Clean's CB-RC series filter is excellent at polishing filter for process or closed loop streams. Its high quality carbon sheet increases the absorption efficiency and capacity. In addition, it can remove chlorine and eliminate trace odor. CB-RC series filter's rigid polypropylene center core enhances the mechanical strength of filter cartridge, and its elastomeric end caps can improve sealing performance by minimizing the chance of bypass.

- All materials are FDA listed for food and beverage contact
- Manufactured under a certified ISO 9001 quality system



Product Specifications

Materials of Construction

	Filter Media	Outer Netting	End Cap	Inner/Outer Wrap
CB-B	Bonded porous activated carbon with polyethylene binders	Polyethylene	polypropylene	polypropylene
CB-WS	Carbon impregnated fibers protected by upstream and downstream polypropylene string wound fibers	None	None	polypropylene string wound fibers
CB-RC	Powder activated carbon impregnated polyester	Polyethylene	polypropylene	None

Dimensions

Outside Diameter: 2.56" (65mm)
 Lengths: 10", 20", 30", 40"

Performance Specifications

Retention Ratings

CB-B: 5 µm
 CB-WS: 5 µm
 CB-RC: 5 µm

FDA Listed Materials

Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

Operating Conditions

- Maximum Operating Temperature:
 CB-B: 180°F (82°C)
 CB-WS: 180°F (82°C)
 CB-RC: 180°F (82°C)

- Notes: 1. The drinking water of unknown quality may require proper disinfection or pre-treatment in addition to carbon filtration.
 2. CB-B and CB-WS series contain a very small amount of carbon fines. After installation, please flush the cartridge for a minimum of 5 minutes to remove all traces of carbon prior to using them in the process. Use the tap water to flush the cartridge for at least 20 seconds prior using for drinking water or cooking purposes.
 3. Steps should be taken to prevent the filter cartridge from freezing. This may affect cartridge performance.

Ordering Information

CB-	B	10	P
Product Name	Filter Type	Cartridge Length	Core Material
CB	B=Carbon Block	10", 20", 30", 40"	P=PP
	WS=Carbon Sheet with PP String Wound	10", 20", 30", 40"	
	RC=Carbon Sheet	10", 20"	