

THE COMPLETE RANGE OF PENTEK CARBON CARTRIDGES

Family	Carbon blocks				Fibredyne	Granular activated carbon cartridges	Impreç	nated carbon cartridges		
Description	Our extruded activated carbon blocks are the primary filters used in point of use/point of entry water treatment devices for the control of chlorine, taste and odor. They consist of virgin carbon powder, a thermoplastic binder and specialty adsorbents					The unique Fibredyne technology consists of cellulose-free synthetic fibers impregnated with powdered activated carbon. Cartridges are then wet molded. The result combines the benefits of carbon and sediment filters to deliver up to two times chlorine taste and odor reduction as well as dirt-holding capacity of standard carbon blocks and sediment cartridges	GAC filters are designed to allow water to enter the bottom of the cartridge filtered through the entire carbon bed before exiting at the top to maximize time. These upflow cartridges are designed to remove chlorine from fee The nominal 20 micron rating will help to reduce carbon fines and other sparticles as well	ne contact dual-purpose cartridges filter water. taste, odor and chlorine ta spended provide additional surface are	Constructed of a carbon-impregnated cellulose or polyester media, these dual-purpose cartridges filter out fine sediment particles and reduce unwanted taste, odor and chlorine taste & odor from tap water. Pleats (NCP series) provide additional surface area for high dirt-loading capacity, while maintaining minimal pressure drop	
Model	DFX-CB- DFX-CB- DFX-CB- 10 20 BB	EPM-10 EPM-20 EPM-BB EPM-20BE	EP-10 EP-20 EP-10BB EP-20BB	Chlor-Plus Chlor-Plus Chlor-Plus CBC-5 CBC	:- 10 CBC- 20 CBC- 10BB CBC- 20BB CBR2	FloPlus- FloPlus- FloPlus- FloPlus- 10 20 10BB 20BB	GAC- 5 GAC- 10 GAC- 20 GAC- 10BB GAC- 20BB CC- 10	TSGAC C1 C1-20 C2	NCP- 10 NCP- 20 NCP- BB NCP- 20BB	
μ Rating (nominal)	10	10	5	1	0.5	0.5	20 20	20 5 5 5	10	
Dirt loading capacity	++++	+++	++++	++	++++	+++++	++ +	+ ++++	+++++	
Chlorine capacity (L x 1000)	4 19 38 to to to 11 38 76	4 19 38 76 to to to to to 11 38 76 114	19 38 76 114 to to to to 38 76 114 152	152 304 1140 4 11 to to to to to to 190 380 1900 11 33	o to to to to	19 38 38 152 to to to to to 38 76 76 190	Up 11 19 38 76 19 to to to to to to 4 19 38 76 114 38	4 4 11 4 to to to to 11 11 11 11		
Chlorine - taste & odor reduction	++	+	++	+++	+++ +	++++	+ +	+ +	+	
VOC reduction	+	+	+	+	+ +	+	+ +++++	+ +	+	
Chloramine reduction	+	+	+	+++++	+ +	+	+ +	+ +	+	
Cyst & bacteria reduction	No	No	No	No	Yes Yes	Yes	No No	No No	No	
Pesticides Hot water	+	+	+	+++++	+ +	+	+ +	+ +	+	
application (up to 82°C)	No	Yes	Yes	No No No	Yes Yes	Yes	No No	No No No No	No	
Benefits	Good chlorine reduction with high dirt loading capacity	Economically priced cartridge for good chlorine reduction	Very good chlorine reduction with high dirt loading capacity	Excellent chlorine & chloramine as well as pesticide reduction (for dialisys and sterilisation applications)	Used for Reduce cysts & bacteria lead reduction	Unique dirt holding capacity due to the Fibredyne technology - No fine release! Reduce cysts & bacteria	Good chlorine reduction, optimal absorption Good chlorine reduction, optimal absorption activated carbon: best VOC reduction	Used for scale general purpose water filtratic needs. Has to be used on chlorinated water due to its cellulose media	Polyester media allows cartridges to be resistant to bacterial attack and to be used on non chlorinated water applications	

WATER PURIFICATION | FILTRATION - PENTEK | WATER PURIFICATION | FILTRATION - PENTEK | WATER PURIFICATION | FILTRATION - PENTEK | PENTEK | WATER PURIFICATION | FILTRATION - PENTEK | PE

Pentair offers the industry's most extensive selection of quality carbon cartridges. Our comprehensive offering of carbon filtration solutions is based upon two distinct core technologies: traditional carbon block and our proprietary, wet-molded Fibredyne® carbon block:

- Traditional carbon block for applications requiring chloramine or organic (VOCs and
- Fibredyne® technology when particulate reduction, resistance to plugging, reduction of large organic compounds and low pressure drop over the life of the cartridge matter most.

Our carbon capabilities also include granular and pleated technologies designed to reduce bacteria, cysts, and chlorine taste and odor.



MANUFACTURING SITES

Our Pentek carbon cartridges are made in 3 different locations each one having its own specialty.

Headquarters of the Filtration & Process RCI Global Business Unit, Glendale is the center for technology development. Industry leader in filtration and softening, Glendale focuses today on carbon extrusion, whilst reverse osmosis and deionization systems are also manufactured in this place.

Center of Excellence for Pentair's industrial filtration lines, Dover is the place where the famous Fibredyne® technology was born. Dover makes fiber-wound carbon and melt blown filters.

Pentair's premier asian facility, certified ISO 9001:2008, located in Suzhou has over 14'000 m² of manufacturing space. Multiple products such as carbon extrusion, GAC, melt blown cartridges, ultrafiltration modules, residential reverse osmosis membranes, filtration housings and systems are manufactured



Pentair of Glendale, US



Pentair of Dover, US



Pentair of Suzhou, China

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