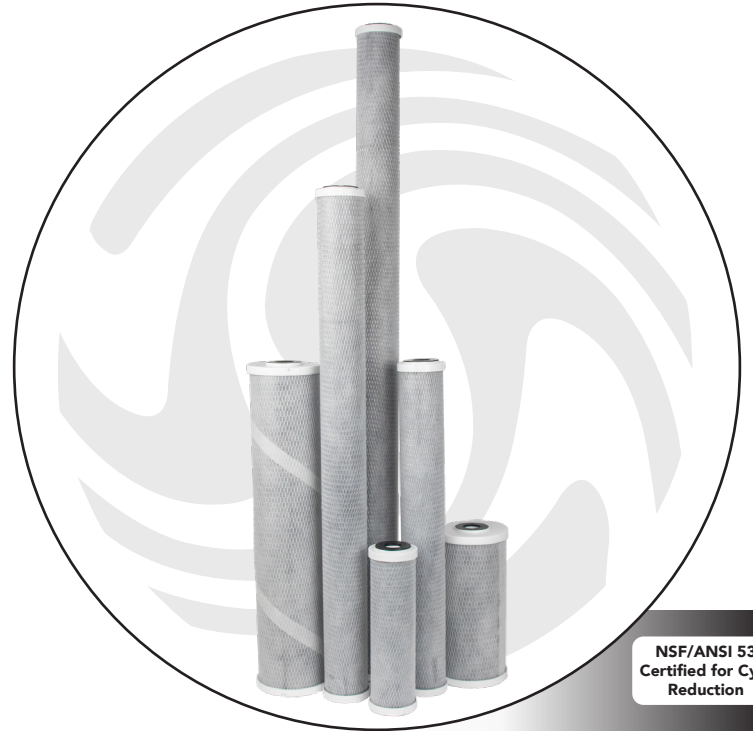


EXCEPTIONAL CRYPTOSPORIDIUM AND GIARDIA CYST PROTECTION

Re-innovation of a modern media allows a greater void volume to improve dirt holding capacity and flow rates, while new technology allows greater carbon attachment to fibres, creating the ultimate high-flow carbon cartridges.

This media has allowed for speciality solutions. The SPECTRUM SFBC builds on the performance of the SPECTRUM EFBC with the introduction of cyst removal. Finer fibres create finer filtration, which allows the matrix to be reduced to 0.5-micron and remove cysts present in drinking water applications. Equipped with a higher chlorine capacity than the SPECTRUM EFBC, a 5-micron pre-filtration stage is recommended to ensure maximum performance and capacity for this cartridge.



FEATURES & BENEFITS 

- Flow rate and pressure drop equivalent to a 10µm block, while retaining the efficiency of a 0.5µm cartridge
- CTO reduction
- Antimicrobial agent applied to prevent bacteria growth
- Gaskets permanently moulded onto end-caps to prevent dislodging

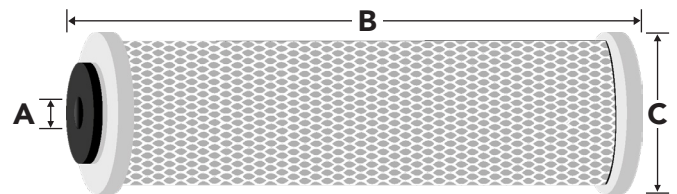
TECHNICAL DATA 

Micron Rating (µm)	0.5
Chlorine Removal Efficiency (%) (Initial to End of Test)	98 - 75
Maximum Operating Pressure Differential (bar)	2.4
Maximum Operating Temperature (°C)	38

MATERIALS OF CONSTRUCTION 

- Media: Activated Coconut Carbon Bonded Antimicrobial Fibres
- Netting: Polypropylene
- End-cap: Polypropylene
- Gasket: EPDM

DIMENSIONS 



Dimensions (mm)			
Length (")	A	B	C
9¾	27	248	70
20	27	508	70
30	27	762	70
40	27	1016	70
9¾LD	27	248	115
20LD	27	508	115

PERFORMANCE



SFBC Properties				
Length (")	Chlorine Reduction (L) @ 2mg/l*	Chlorine Reduction (L) @ 0.2mg/l**	Pressure Drop (Bar) @ Flow Rate (LPM)	
9¾	57,500	503,125	0.2	3.8
20	115,000	1,006,250	0.2	7.6
30	172,500	1,509,375	0.2	11.4
40	230,000	2,012,500	0.2	15.2
9¾LD	117,500	1,023,750	0.3	7.6
20LD	235,000	2,056,250	0.3	15.2

*Chlorine capacity using 2mg/l free available chlorine at 0.5mg/l breakthrough
 **Calculated chlorine capacity using 0.2mg/l free available chlorine at 0.05mg/l breakthrough

ORDERING GUIDE



Code	Micron (µm)	Length (")
SFBC	0.5	9¾, 20, 30, 40, 9¾LD, 20LD

e.g. SFBC-0.5-9¾/4

PRODUCT RANGE



The below products have often been associated with this product.



EFBC

Advanced Carbon Technology

SFBC

Exceptional Cryptosporidium and Giardia Cyst Protection

PFBC

Premier Chloramine Reduction

SFBC-PB

Lead Reduction Capabilities

SFBC-EL

Primary Carbon for Electroplaters