

# **CHLORINE AND SEDIMENT REMOVAL**

Combining depth filtration properties of traditional wound filters with the water treatment capabilities of activated carbon. The RWSSC filter features two layers of tightly wound polypropylene yarn depth filters, with a core of granular activated carbon media at the centre. The outer layer of wound polypropylene effectively removes sediment and particulate, while the granular activated carbon core eliminates dissolved organic contaminants. Finally, the inner layer of wound polypropylene captures any residual carbon, ensuring a clean final output. This three-stage, self-contained filtration process provides exceptional value, is designed for disposable use, and allows for quick and efficient cartridge change-outs, resulting in minimal downtime.



### **FEATURES & BENEFITS**



- Diamond construction creates a long-lasting, high dirt-holding capacity cartridge requiring fewer change-outs and removes sediment, dirt and other contaminants
- Would polypropylene media and inner polypropylene core ensures freedom from media migration
- Granular carbon media creates a second filtration stage with a surface area in excess of 220,000m<sup>2</sup>, effectively removing chlorine, taste and odour
- Designed to be disposable, this cartridge allows fast and efficient change-outs resulting in minimal downtime meaning better value for money

## **TECHNICAL DATA**



Micron Rating (µm)	5
Chlorine Removal Efficiency (%) (Initial to End of Test)	95 - 75
Maximum Operating Pressure Differential (psi)	2 bar @ 21°C
Maximum Operating Temperature (°C)	52

#### MATERIALS OF CONSTRUCTION



Media: Acid Washed Coconut Carbon

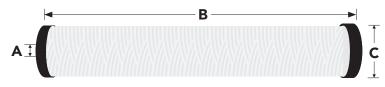
Wrap: Polypropylene Core: Polypropylene

**EPDM** Gasket:

End-cap: Polypropylene

## **DIMENSIONS**





Dimensions (mm)				
Length (")	A	В	С	
93/4	28	248	71	



### **PERFORMANCE**



RWSSC Properties				
Length (")	Chlorine Reduction (L) @ 2mg/l *	Chlorine Reduction (L) @ 0.2mg/l **	Pressure Drop (Bar)	@ Flow Rate (LPM)
93/4	1,500	13,125	0.01	3.8

\*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 (")
RWSSC	5	93/4

i.e. RWSSC-5-93/4