



# Ahlstrom Disruptor<sup>®</sup>

## Nonwoven Filter Media for Water Purification

Disruptor<sup>®</sup> technology reduces a wide range of submicron particulates, pathogens, trace pharmaceuticals and cellular debris. Electro adsorption delivers filtration with low pressure drop and many times the flow rate as compared to conventional mechanical filters.

### Why choose Disruptor<sup>®</sup>

**Disruptor<sup>®</sup> makes it safer** – Independent testing has shown Disruptor<sup>®</sup> reduces a wide range of pathogens including E.coli and Legionella.

**Disruptor<sup>®</sup> improves the value** – With the ability to remove membrane biofoulants, Disruptor<sup>®</sup> is an effective pre-filter to protect reverse osmosis membranes from biofouling, and increasing permeate production while reducing operating cost.

**Disruptor<sup>®</sup> makes it better** – Disruptor<sup>®</sup> PAC contains activated carbon improving taste, odor and clarity by the absorption of chlorinated compounds and disinfection by product.

**Disruptor<sup>®</sup> makes it faster** – Disruptor<sup>®</sup> delivers submicron filtration efficiency at higher flow and at lower pressure as compared to conventional water filtration.

## A wide spectrum of opportunities



**Personal** – Highly adaptable to small personal hydration devices such as water bottles and backpacks



**Residential** – Applicable for both point-of-entry and point-of-use devices including whole house filters, countertop, tap, pitchers, appliance and under counter filters



**Commercial** – Add efficiency and reduce cost when used as a stand-alone, post or pre filter in beverage dispensing and ice machines



**Industrial** – Safety and operating efficiency improvement for many industrial processes including, boiler feed water, cooling water tower, nuclear power and industrial waste water.

## Displacing conventional water treatment with Disruptor®

Water Remediation Technologies						
Contaminants	Disruptor® Technology	RO	UF	Particulate Cartridge	Carbon Black	Ultra Violet
Dissolved Salts		●				
Endotoxin	●	●	●	●		
Virus	●	●				●
Bacteria	●	●	●			●
Cysts	●	●	●	●	●	●
Polysaccharides (TEP)	●	●	●			
Colloids	●	●	●			
Particulates	●	●	●	●	●	
Chemical Reduction	●	●			●	●
Trace Pharmaceuticals	●	●			●	●

Membrane Definition. RO = Reverse Osmosis, UF = Ultrafiltration

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