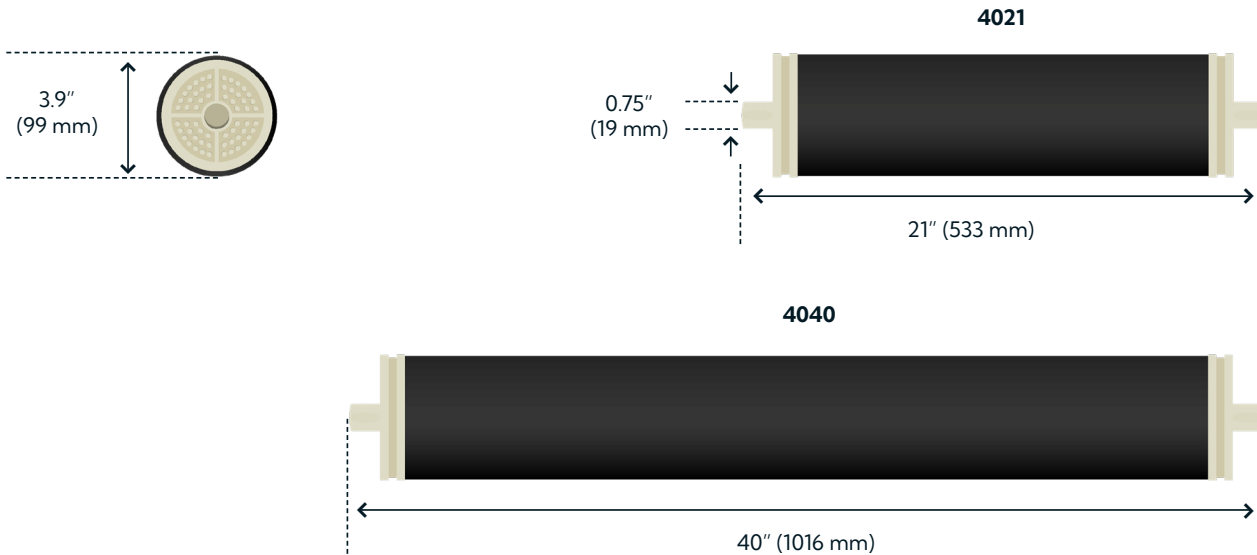


4" Reverse Osmosis Membrane Element



Operating Specifications

Stabilised Salt Rejection Rate - %	PRO:	< 98.5	Maximum Recommended Recovery %	50	
	SRO:	< 99		Typical Recovery - %	15 - 25
	HRO:	< 99.5			
Salt Rejection Rate	PRO:	< 97	Active Area - ft ² (M ²)	4040: 81 (7.5)	
	SRO:	< 98		4021: 36 (3.3)	
	HRO:	< 99	Single Element Pressure Drop - %	< 10	
Permeate Flow Rate - gpd (lpm)	4040:	< 2,500 (< 6.6)	Free Chlorine Tolerance ppm	< 0.1	
	4021:	< 1000 (< 2.6)	PH Range	3 - 10	
Feed Flow Rate - gpd (lpm)	4040:	5,000 - 23,000 (13 - 60)	PH Range (Chemical Cleaning)	2 - 12	
	4021:	2,300 - 23,000 (6 - 60)	Feed Silt Density Index - SDI	< 5	
Operating Temperature - °C (°F)		4 - 45 (39 - 113)	Feed Water Turbidity - NTU	< 1	
Optimum Temperature - °C (°F)		< 25 (< 77)	Feed Water Quality - mg/l	PRO: < 1,000	
Operating Pressure - psi (bar)		75 - 600 (5.2 - 41.3)		SRO: < 1,500	
	Optimum Pressure - psi (bar)	PRO:	< 100 (< 6.9)	HRO: < 2,000	
		SRO:	< 150 (< 10.3)	Recommended Shelf Life - Years	< 2
HRO:		< 225 (< 15.5)			



Materials of Construction

Permeate Tube	ABS
Feed Channel Spacer	Polypropylene
Membrane	Polyamide Thin-Film Composite
Outer Wrap	Fibreglass
Brine Seal	Buna-N
Interconnector	ABS
Interconnector O-Rings	Buna-N



Configurations

Length - "	21 / 40
Width - "	4 (nominal)