

Industrial Reverse Osmosis Membranes(RO Membranes)

Brackish Water (Low Pressure)

ULP-4040

The Runmo® ULP-4040 membrane elements are spiral wound, composite polyamide membrane elements for Brackish Water treatment. These membranes are characterized by a Low operating feed pressure, normally is 150psi(1.05MPa) and result in higher salt rejection rate(especially good for removing TOC, SiO₂, etc.), above 99.1%. These membranes are designed for industrial water treatment applications(NaCl≤2,000ppm, Salt content≤3000us/cm), such as the treatment of surface water, underground water, tap water, and municipal water for Foodstuff processing, Pharmaceutical production...

Model	Active Membrane	Average Permeate	Stable Rejection	Min. Rejection
ULP-4040	78ft ² (7.2m ²)	2,500gpd (9.5m ³ /d)	99.5%	99.1%

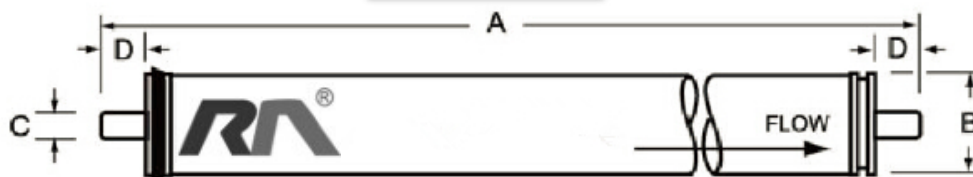
Testing Conditions	Testing Pressure	150psi (1.05MPa)	Temperature of Testing Solution: 25°C	
	Concentration of Testing Solution (NaCl)	1,500ppm	pH Value of Testing Solution: 7.5	
	Recovery Rate of Single Element	15%		

Operation Limits & conditions	Max. Feed Water Flow	16gpm (3.6m ³ /h)
	Max. Working Pressure	600psi (4.14MPa)
	Max. Feed Water Temperature	45°C
	Max. Feed Water SDI ₁₅	< 5
	pH Range of Feed Water During Continuous Operation	3~10
	pH Range of Feed Water During Chemical Cleaning	2~12
	Residual Chlorine Concentration of Feed Water	< 0.1 ppm
	Max. Pressure Drop of Single Element	10psi (0.07MPa)
	Max.Turbidity NTU	1.0

Size of Membrane Element

1.0 inch=25.4mm

4" x 40"



A	B	C	D
1016 mm (40 inches)	99.7 mm (3.9 inches)	19.1mm (0.75 inches)	26.7 mm (1.05 inches)



MEMBRANE TECH

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