

Industrial Reverse Osmosis Membranes(RO Membranes)

Brackish Water (Low Pressure)

ULP-8040

The Runmo® ULP-8040 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 99.5%. 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	Spacer Net Thickness
ULP-8040	400ft² (37.2m²)	10,500gpd (40m³/d)	99.5%	99.1%	31mil (0.79mm)

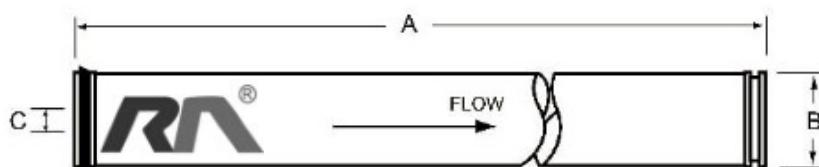
Testing Conditions	Testing Pressure	150psi (1.05MPa)	Temperature of Testing Solution	25°C
	Concentration of Testing Solution (NaCl)	1,500ppm	pH Value of Testing Solution	7.5
	Recovery Rate of Single Element	15%		

Operation Limits & conditions	Max. Feed Water Flow	75gpm (17m 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

8" x 40"



A	B	C
1016 mm (40 inches)	201.9 mm (7.95 inches)	28.6 mm (1.125 inches)



Runmo ® Membrane
www.runmomembrane.com

RUNMO® RO MEMBRANE
RUNMO® NF MEMBRANE

RUNMO® UF MEMBRANE RUNMO® MBR MEMBRANE

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