

FUJITEC GN-8040



RO MEMBRANE

HIGH REJECTION - BRACKISH WATER

FUJITEC's reverse osmosis membranes high rejection brackish water for drinking water treatment and the industry system

Application	: Brackish water
Membrane Type	: Polyamide Thin-Film Composite
Configuration	: Spiral Wound
Membrane Area, ft ² (m ²)	: 400 (37)
Permeate Flow Rate, GPD (m ³ d)	: 10,500 (39.7)
Salt Rejection, % (minimum, %)	: 99.7 (99.4)

Test Condition (after 30 minutes of operation)

NaCl solution, ppm	Pressure, psi (bar)	Temperature, oF (oC)	pH	Recovery rate, %
2,000	255 (15.5)	77 (25)	7	15

Dimensions, inches (mm)

A
40 (1016)

B
7.9 (201)

C
1.125 (29)



Operating Limits :

Maximum Operating Pressure	: 600 psi (41 bar)
Maximum Feed Water Temperature	: 113 °F (45 °C)
Maximum Feed Water SDI (15 min)	: 5
Feed Water Chlorine Concentration	: 0.1 mg/L
Feed Water pH Range, Continuous Operation	: 2 - 11
Feed Water pH Range, Chemical Cleaning	: 1 - 12
Maximum Pressure Drop per Element	: 20 psi (1.4 bar)
Maximum Pressure Drop per Vessel	: 600 psi (4.0 bar)
Maximum Turbidity	: 1.0 NTU

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