

4" Spiral Wound Elements for Brackish Water

Description:

Low Pressure, High Productivity:

Low or ultra low pressure application for brackish water treatment

Specifications:

Model	Permeate Flow GPD(m ³ /day)	Active Membrane Area ft ² (m ²)	Stabilized Salt Rejection	Feed spacer mil(mm)	Test Conditions
BW- 4040	2400(9.1)	90(8.4)	99.5%	28(0.7)	225psi/2000ppm NaCl
BW- 4040-HT	2160(8.2)	90(8.4)	99.5%	28(0.7)	225psi/2000ppm NaCl
ULP- 4040-HF	2900(11.0)	90(8.4)	98.6%	28(0.7)	150psi/2000ppm NaCl
ULP- 4040	2500(9.5)	90(8.4)	99.0%	28(0.7)	150psi/2000ppm NaCl
ULP-4040-HR	2100(8.0)	90(8.4)	99.3%	28(0.7)	150psi/2000ppm NaCl
XULP -4040	2500(9.5)	90(8.4)	99.0%	28(0.7)	100psi/500ppm NaCl

1. All performance data are collected at 25°C (77°F), pH7.5 and 15% recovery rate.
2. Permeate flows for single element may vary ±15%.
3. HT version was designed for high TDS feed water up to 10,000ppm

Operating Limits for Design:

Maximum Operating Temperature.....	45°C(113°F)
Maximum Operating Pressure.....	600psi(41bar)
Maximum Pressure Drop (single element).....	15psi(1.0bar)
pH Range for Continuous Operation.....	3-11
pH Range for Cleaning.....	1.5-12
Chlorine tolerance.....	<0.1ppm
Maximum Feed SDI.....	5

Element Dimension:

* Unit: Inch (mm)
1 inch= 25.4 mm

