

Brackish Water Membranes

Characteristics	Unit	NRL RFQ
Model #		BW30HR-440 (Dry) or equivalent
Configuration		Thin film Composite
Membrane Polymer		Spiral wound Poly amide
Active area	ft ²	440
Max. Operating Pressure	PSIG	600
Max. Operating Temperature	C	45
Permeate flow rate (element)	GPD	12,650
Feed spacer thickness	mil	28
Stablized Salt rejection	%	99.7
Minimum Salt rejection		
Outer Diameter	inch	7.9
Length		40
PH range (continous operation)		2.0-11.0
PH range (short term cleaning, 30 min)		1.0-13.0
Max. Chlorine concentration	ppm	<0.1
Max. Feed water SDI		5
Feed Water Turbidity	NTU	1
Max. element pressure drop	PSIG	15
Free chlorine tolerenace	ppm	<0.1