

Product Specifications

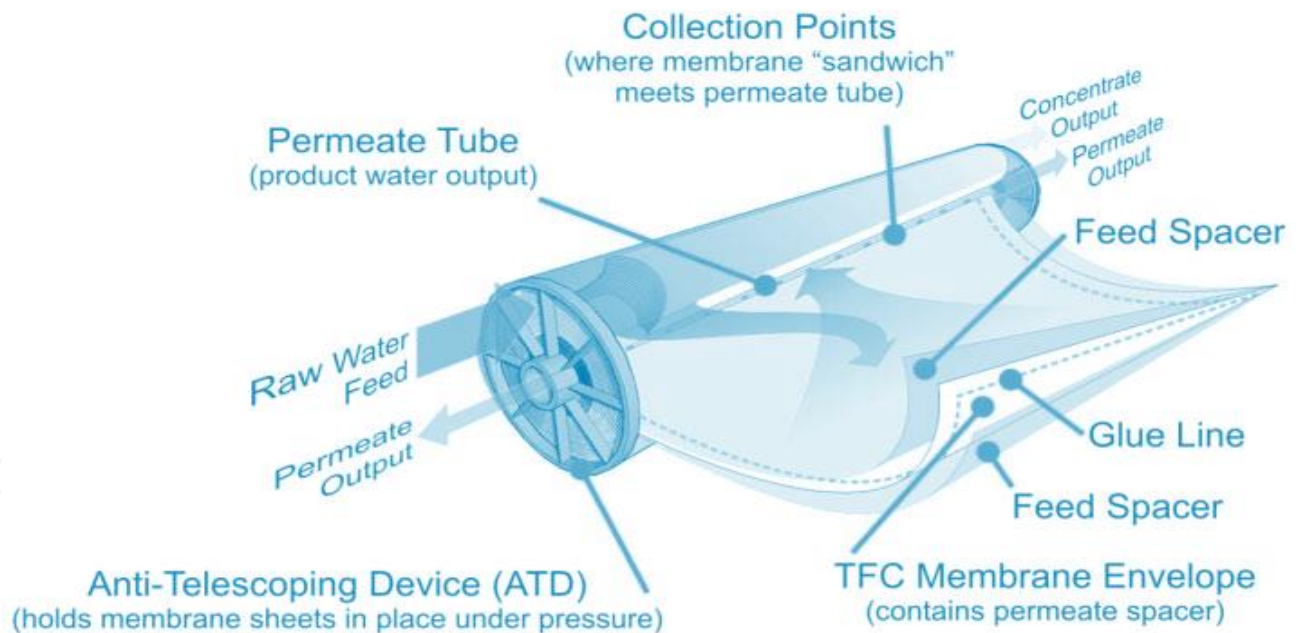
BRACKISH WATER RO MEMBRANE

GETEC Standard Brackish Water RO membrane series is perfect in water purification applications. These elements offer very high solute rejection, consistent productivity and high performance.

GETEC Standard Brackish Water RO membrane thin-film composite element is characterized by high flux and high sodium chloride rejection.

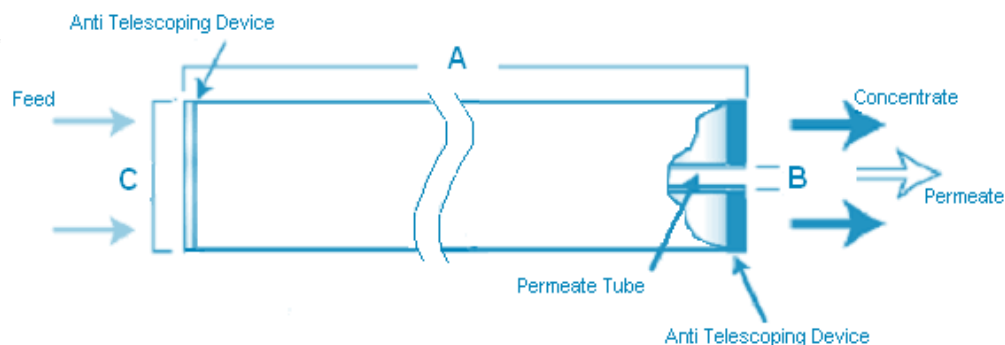
GETEC Standard Brackish Water RO membrane are selected when high rejection and operating pressures as low as 200 psi (1,379 kPa) are desired.

GETEC Standard Brackish Water RO membrane allow moderate energy savings, and are considered a standard in the industry.



RO Membrane Element Designs

Dimensions & Weight



Element Dimensions Diagram – Female

Model	A inches (cm)	B inches (cm)	C inches (cm)	Boxed Weight lbs. (kg)
GETEC 4040 BW	40.0 (101.6)	0.75 (1.90)	3.9 (9.9)	8 (3.5)
GETEC 4040 LP	40.0 (101.6)	0.75 (1.90)	3.9 (9.9)	8 (3.5)
GETEC 8040 BW	40.0 (101.6)	1.125 (2.86)	7.9 (20.1)	32 (14.5)
GETEC 8040 LP	40.0 (101.6)	1.125 (2.86)	7.9 (20.1)	32 (14.5)

Specifications

Membrane	Active Area (m ²)	Average permeates flow gpd (m ³ /day)	Average NaCl rejection	Minimum NaCl rejection	Maximum feed TDS (PPM)
GETEC 4040 BW	10	2,400 (9.1)	99.5%	99.0%	5000
GETEC 4040 LP	10	2,400 (9.1)	99.2%	98.5%	2000
GETEC 8040 BW	37.2	10,500 (39.8)	99.5%	99.0%	5000
GETEC 8040 LP	37.2	10,500 (39.8)	99.2%	98.5%	2000

Performance Characteristics

Brand	GETEC		
Product Type	Membrane		
Membrane Module	Thin-film composite		
Typical Operating Pressure	(psi) 200 (1,379 kPa)		
Maximum Operating Pressure	Tape	:	(psi) 450 (3,103 kPa)
	Another outer wrap	:	(psi) 600 (4,137 kPa)
Maximum Operating Temperature	Continuous operation	:	122°F (50°C)
Typical Operating	Flux10-20GFD (15-35LMH)		
pH Range	Optimum rejection	:	7.0-7.5
	Continuous operation	:	4.0-11.0
	Clean-In-Place (CIP)	:	2.0-11.5
Maximum Feed Turbidity	1.0 NTU		
Chlorine Tolerance	< 0.1 PPM		
Maximum Feed Silt Density Index	SDI < 5		
Membrane Outer Wrap	Fiberglass		
Maximum Pressure	Over an element	:	12 psi (83 kPa)
	Per housing	:	50 psi (345 kPa)
Salt Rejection	99.6 (minimum)/99.75 (typical)		

- Testing conditions: 2,000 ppm NaCl solution at 225 psi (1,551 kPa) operating pressure, 77°F (25°C), pH 7.5 and 15% recovery.
- Internal diameter unless specified OD (outside diameter).