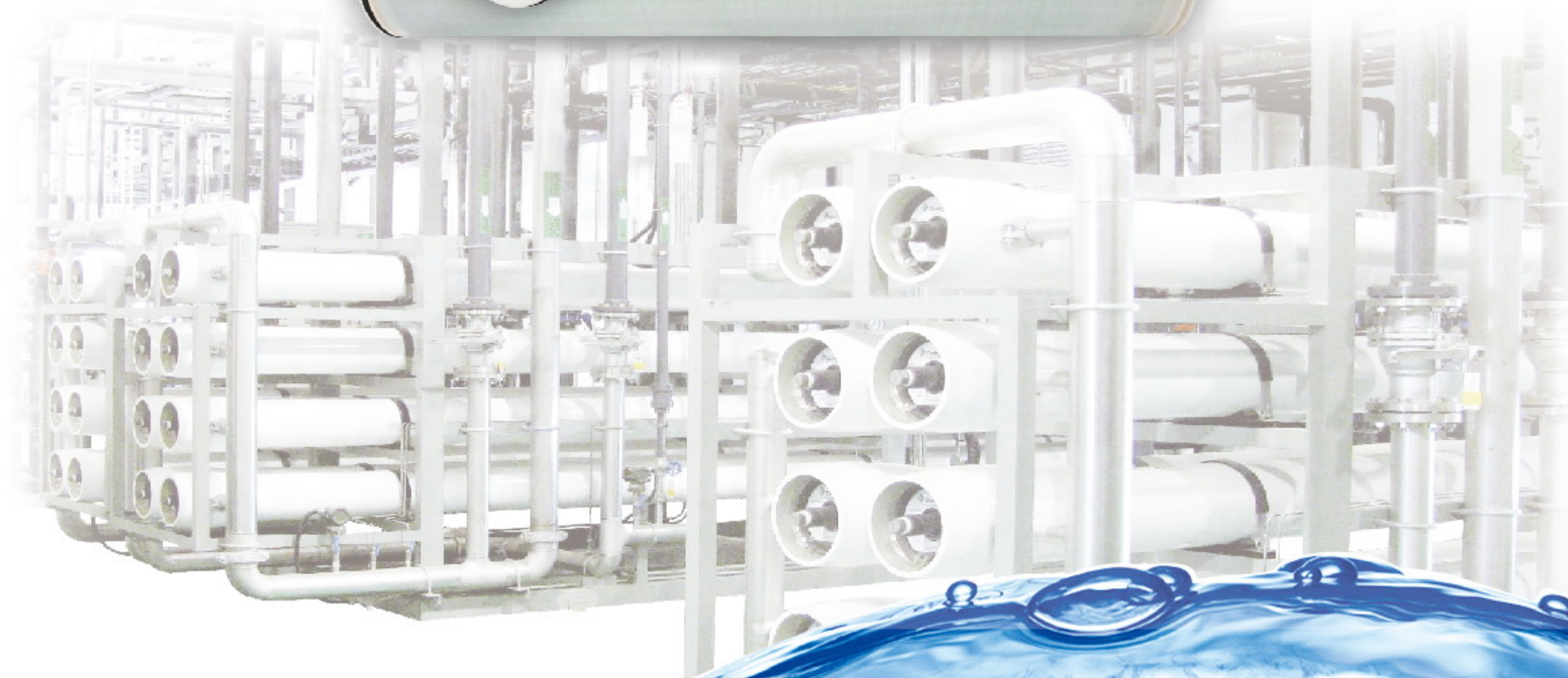
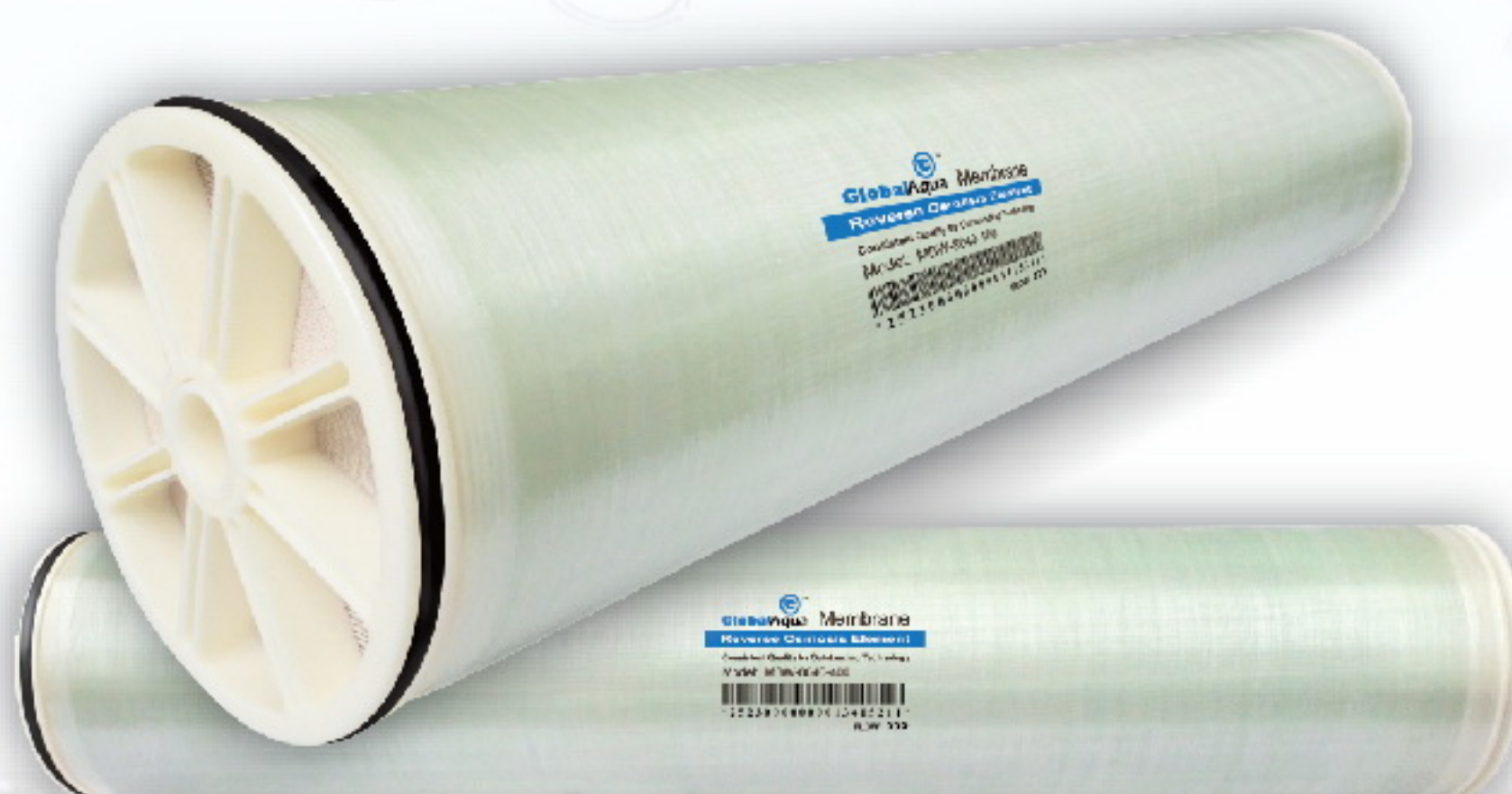




GlobalAqua

Industrial Reverse Osmosis Membrane Elements

Consistent Quality by Outstanding Technology





8040 Industrial Reverse Osmosis Membrane

Globalaqua™ 8" reverse osmosis membrane has been used in power plant, electronic industrial, boiler, ultra-pure water, sea water, and other applications. With its advanced membrane technology, it offers excellent productivity and stable performance for customers.

8040 Reverse Osmosis Membrane for Brackish Water

Globalaqua™ offers two membranes generally used in brackish water application for customer to select. MBW and MLP membranes are uniquely engineered to have a high level of salt rejection with minimum compromise in water flux.

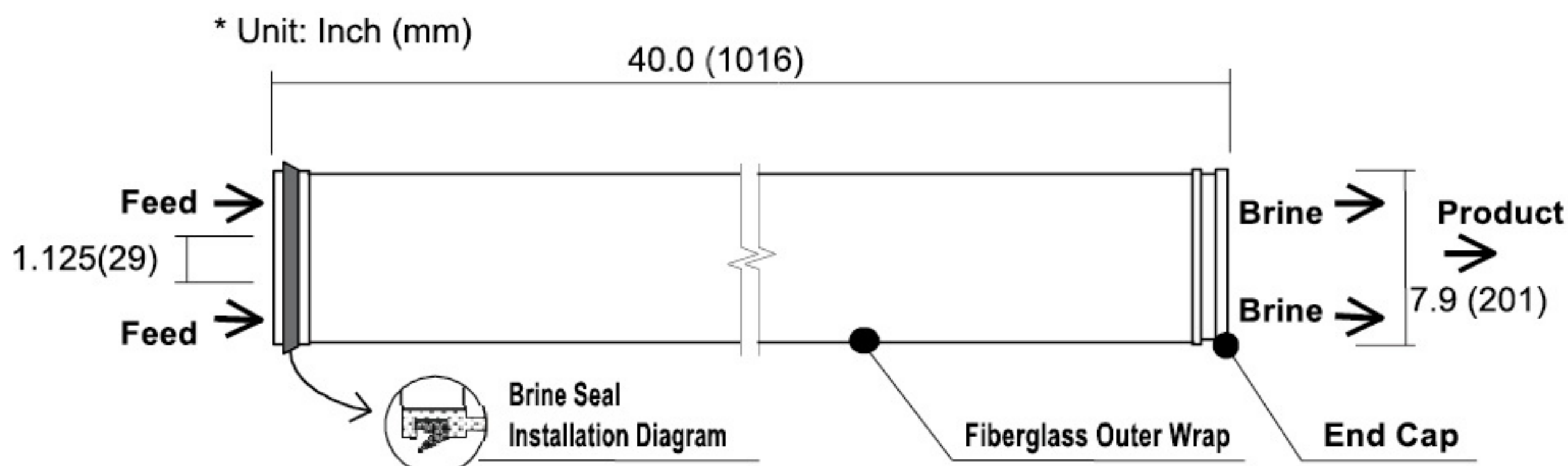
SPECIFICATIONS

Model	Flow rate	Membrane area	Salt Rejection	Feed Spacer	Working Pressure
MBW-8040-400	11900 GPD	400 ft ²	99.5%	28 mil	225 psi
MLP-8040-400	11095 GPD	400 ft ²	99.0%	28 mil	150 psi

1. Testing Condition: 25°C / 77°F, 2000 PPM NaCl, pH7.5 and 15% recovery rate
2. Permeate flows for single element may vary ±15%.

Operating Limit

Membrane Type Polyamide Thin-Film Composite
 Maximum Operating Temperature 113°F / 45°C
 Maximum Operating Pressure 600psi (41bar)
 Maximum Pressure Drop (single element) 15psi (1.0bar)
 pH range, Continuous Operation 3 - 11
 pH range, Short-Term Cleaning (30 min) 1.5 - 12
 Maximum Feed Silt Density Index (SDI) 5
 Free Chlorine Tolerance < 0.1ppm





8040 Fouling Resistant Reverse Osmosis Membrane

MFR series is designed against biological and organic fouling. Building with fouling resistance properties, this model of elements allow for effective cleaning, renewing active membrane surface thus extending the service life time in the tough water conditions.

SPECIFICATIONS

Model	Flow rate	Membrane area	Salt Rejection	Feed Spacer	Working Pressure
MFR-8040-370	9700 GPD	370 ft ²	99.5%	34 mil	225 psi
MFR-8040-400	10500 GPD	400 ft ²	99.5%	28 mil	225 psi

1. Testing Condition: 25°C / 77°F, 2000 PPM NaCl, pH7.5 and 15% recovery rate
2. Permeate flows for single element may vary $\pm 15\%$
3. Maximum Operation Pressure; 600psi (41 bar)

8040 Reverse Osmosis Membrane for Sea Water

MSW model offers high salt rejection rate and stable performance in sea water application with minimum compromise in water flux.

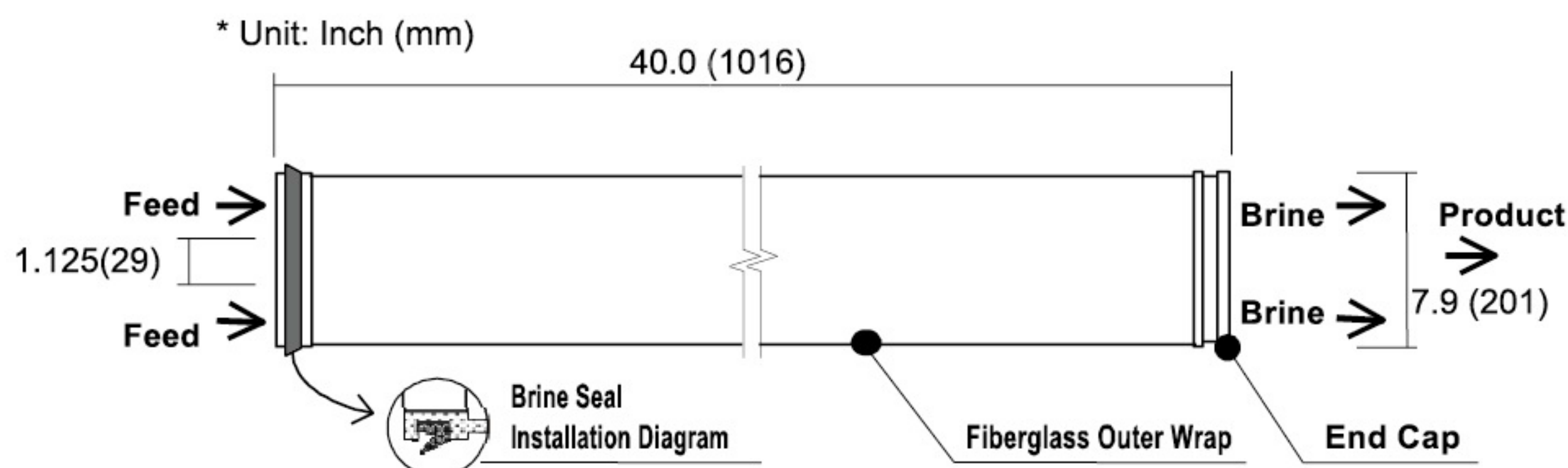
SPECIFICATIONS

Model	Flow rate	Membrane area	Salt Rejection	Feed Spacer	Working Pressure
MSW-8040-400	6000 GPD	400 ft ²	99.7%	28 mil	800 psi

1. Testing Condition: 25°C, 32800PPM NaCl, pH7.5 and 8% recovery rate
2. Permeate flows for single element may vary $\pm 15\%$
3. Maximum Operation Pressure; 1000psi (69 bar)

Operating Limit

Membrane Type Polyamide Thin-Film Composite
 Maximum Operating Temperature 113°F / 45°C
 Maximum Pressure Drop (single element) 15psi (1.0bar)
 pH range, Continuous Operation 3 - 11
 pH range, Short-Term Cleaning (30 min) 1.5 - 12
 Maximum Feed Silt Density Index (SDI) 5
 Free Chlorine Tolerance < 0.1ppm





Important Operation Notice

- Every membrane units pack with a seal and a connector.
- Product water of the first hour of operation should be discarded.
- Avoid backpressure in any time.
- High SDI inlet water might cause frequently membrane wash. User may lower the operation pressure to adjust flow rate for each single element. With qualify inlet water, user may lower the concentrate water flow rate for better recovery rate. The minimum concentrate water flow rate and maximum recovery rate is depeneded on inlet water chemistry.
- Chemical cleaning, including sterilization, disinfection and anti-scaling is needed when pressure difference is 1.5 times than initial.
- Not to use any chemical might damage the membrane. All damages due to inappropriate usage of the chemical are not covered by warranty.
- Maximum pressure drop across entire pressure vessel is 50 psi (3.4 bar)
- Due to different condition of use, GlobalAqua™ accept no responsibilities for the result obtained by the application of this information provided in each single page or the safety or suitability of GlobalAqua's products, either along or in combination with other products. Users are advised to test by their own to determine the safety and suitability of the product combination before using the product.
- Please contact your local distributors or technicians for more information about the using condition. Scalingor contaminating due to inappropriate usage is not covered by warranty.
- GlobalAqua™ remains the right of updating and releasing all related specification without further notice.

Please contact for more information