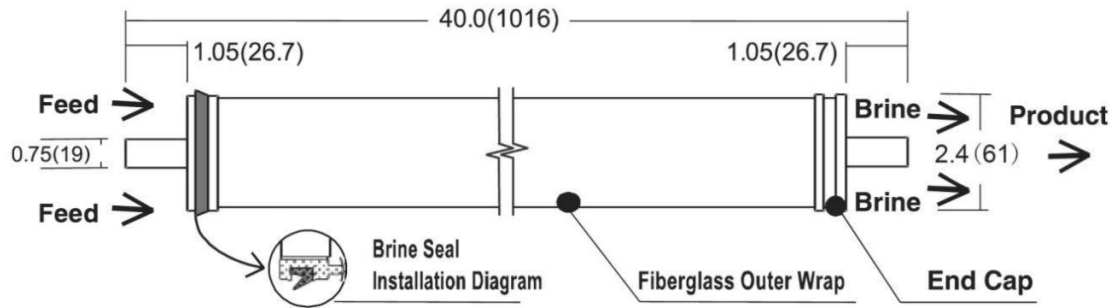


## Description of CM 2.5" Spiral Wound Elements



Element Dimension:

Unit: Inch (mm)  
1 inch= 25.4 mm

型号	A	B	C	D
2514	356.0 ( 14.0 )	26.7 ( 1.05 )	19.1 ( 0.75 )	61.0 ( 2.40 )
2521	533.4 ( 21.0 )	26.7 ( 1.05 )	19.1 ( 0.75 )	61.0 ( 2.40 )
2540	1016.0 ( 40.0 )	26.7 ( 1.05 )	19.1 ( 0.75 )	61.0 ( 2.40 )

### Classification

1. Membrane area classification :

Active Membrane Area (m<sup>2</sup>)

CM-2514: 0.7

CM-2521: 1.2

CM-2540: 2.6

2. Operating Pressure classification :

	Operating pressure	Salt rejection
LP- series	150	99
BW- series	225	99.3

Model	Permeate Flow GPD(m <sup>3</sup> /day)	Active Membrane Area ft <sup>2</sup> (m <sup>2</sup> )	Stabilized Salt Rejection	Feed spacer(mil)	Test Conditions
LP- 2514	220(0.8)	8(0.7)	99%	31	150psi/2000ppm NaCl
LP- 2521	370(1.4)	13(1.2)	99%	31	150psi/2000ppm NaCl
LP- 2540	800(3.0)	28(2.6)	99%	31	150psi/2000ppm NaCl
BW- 2514	220(0.8)	8(0.7)	99.3%	31	225psi/2000ppm NaCl
BW- 2521	350(1.3)	13(1.2)		31	225psi/2000ppm NaCl
BW- 2540	750(2.8)	28(2.6)		31	225psi/2000ppm NaCl

1. All performance data are collected at 25°C (77°F), pH7.5
2. Permeate flows for single element may vary ±15%.
3. Minimum salt rejection is 98.5%.

### Operating Limits for Design:

Maximum Operating Temperature.....	45°C(113°F)
Maximum Operating Pressure.....	600psi(4.2Mpa)
Maximum Pressure Drop (single element).....	15psi(1.0bar)
pH Range for Continuous Operation.....	3-10
pH Range for Cleaning.....	2-11
Free Chlorine Concentration(mg/l).....	<0.1ppm
Maximum Feed SDI.....	5

### Notice:

1. The box used for storage the membranes, should be stored in ordinary temperature and avoid sunlight. If polythene bags are damaged, new protective fluid (Sodium Bisulfite) should be added to the bag, then sealed to avoid air drying and prevent biological growth.
2. The water need to be discharged one hour before the membrane work.
3. When storage, transportation and systems outage, the membrane element should soak in protective fluid, avoid biology multiplies and getfrozen. Standard storage liquid contains 1% weight Sodium Bisulfite and partial Sodium Bisulfite (food grade). If stored for a short period of time (within a week or a week), a 1% weight Sodium Bisulfite will prevent biological growth.
4. In winter, 10% of propylene glycol antifreeze is added to storage.
5. When the film get wet, it should always be moist.

6、The operating pressure must be equal to or less than the inflow / concentrated water pressure.  
Back pressure damage does not belong to protective range.