

# ECO-400-PRO



## Performance

- It can greatly reduce equipment investment and operation and maintenance costs;
- Wider cleaning pH range 1-13;
- The membrane non-oxidation process ensures the stability and service life of the membrane;
- High technology and economy.

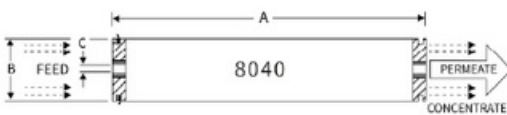
Model	ECO-400-PRO
permeate flow m <sup>3</sup> /d(gpd)	42(11,000)
Stable salt rejection %	99.6
Min salt rejection %	99.4
Active membrane area m <sup>2</sup> (ft <sup>2</sup> )	37.2(400)
Feed spacer mil	34

Test conditions : 2,000ppm NaCl , 225psi(1.55MPa), 25°C, pH 7-8, recovery rate 15%.

### Notes :

- The flow rate of a single membrane element may vary, but the variation range will not exceed;
- The stable salt desalination rate generally needs to be tested after continuous operation for 24-48 hours, depending on inlet water quality and operating conditions.

## Size



A inches(mm)	40.0(1,016)
B inches(mm)	7.89(200)
C inches(mm)	1.125(28.6)

## Max operating conditions

Operating pressure ······ 600psi(4.14MPa)    Feed water flow ······ 17m<sup>3</sup>/h  
 pH range during continuously operating<sup>a</sup> ······ 2-12    Feed temperature ······ 45°C  
 pH range during chemical cleaning ······ 1-13    Feed SDI<sub>15</sub> ······ 5  
 Residual chlorine concentration of feed water<sup>b</sup> ······ <0.1mg/l  
 Max pressure drop for single membrane element ······ 15psi(0.1MPa)

c. When pH10 is above, the maximum temperature for continuous operation is 35°C;  
 d. Under certain conditions, influent water containing free chlorine and other oxidizing agents can cause serious membrane damage, as oxidative damage is not covered by the product warranty.

## Application field



Preparation of pure water



Food industry



Power electronics



Precision instrument manufacturing



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