

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.

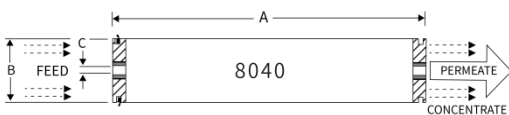
Model	ECO-400-PRO
permeate flow m ³ /d(gpd)	42(11,000)
Stable salt rejection %	99.6
Min salt rejection %	99.4
Active membrane area m ² (ft ²)	37.2(400)
Feed spacer mil	34

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 ······ 17m³/h
 pH range during continuously operating^a ······ 2-12 Feed temperature ······ 45°C
 pH range during chemical cleaning ······ 1-13 Feed SDI₁₅ ······ 5
 Residual chlorine concentration of feed water^b ······ <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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