

PLUS-4040-LP



Performance

- Low energy consumption and high economic benefit;
- Advanced membrane rolling technology strengthens the structure of membrane elements and reduces organic fouling;
- Chemical cleaning recovery performance is good, reduce cleaning frequency;
- It can adapt to the water quality conditions and temperature environment in most areas.

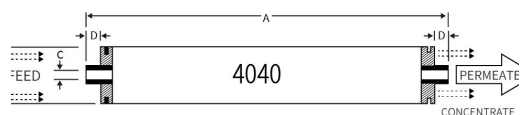
Model	PLUS-4040-LP
permeate flow m ³ /d(gpd)	10.2(2,700)
Stable salt rejection %	99.65
Min salt rejection %	99.5
Active membrane area m ² (ft ²)	8.7(94)
Feed spacer mil	28

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)	3.9(99)
C inches(mm)	0.75(19)
D inches(mm)	1.05(26.7)

Max operating conditions

Operating pressure ······600psi(4.14MPa) Feed water flow ······3.6m³/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)

- o. When pH10 is above, the maximum temperature for continuous operation is 35°C;
- p. 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



Industrial wastewater treatment



Food industry



Boiler make-up water



Medical field



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