PLUS-400-XFR

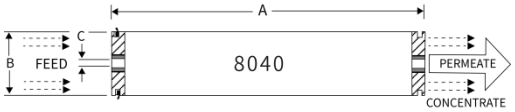
Performance

·Haina's unique membrane making technology enhances pollution resistance;
·Wider cleaning pH range 1-13;
·The fully automatic rolling process ensures a high degree of consistency and stability of the membrane elements;
·Greatly reduce the membrane component replacement cycle.

Model	PLUS-400-XFR
permeate flow m^3/d(gpd)	44(11,500)
Stable salt rejection %	99.75
Min salt rejection %	99.6
Active membrane area $m^2(ft^2)$	37.2(400)
Feed spacer mil	34-LDP

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)
pH range during continuously operating[a] ····· 2-12
pH range during chemical cleaning ····· 1-13
Residual chlorine concentration of feed water[b] ····· <0.1mg/l
Max pressure drop for single membrane element ····· 15psi(0.1MPa)
Feed water flow ····· $17m^3/h$
Feed temperature ····· 45°C
Feed SDI_{15} ····· 5

g. When pH10 is above, the maximum temperature for continuous operation is 35°C;
h. 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


Domestic wastewater


Iron smelting wastewater


Pharmaceutical wastewater

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