

IonClearTM SW-2514-HRLE Element

Product Description

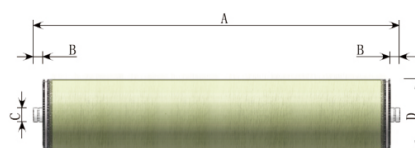
IonClear commercial seawater desalination RO membranes can ensure large flux while taking into account excellent rejection rate, which can meet the needs of seawater desalination installed on sea and land. At the same time, the operating pressure is lower, which can reduce the cost of high-pressure pumps and reduce operating costs. The advanced automatic precision manufacturing technology is adopted to make the performance of the membrane element reliable and stable.

Product Highlights

- High flux and reliable stability
- Low operating pressure

Product Dimensions

A inch (mm)	14.0(356)
B inch (mm)	1.19(30.2)
C inch (mm)	0.75(19)
D inch (mm)	2.4(61)



Product Specifications

Model	Stablized Rejection Rate(%)	Rejection Minimum Rate(%)	Stablized Boron Rate(%)	Flux,gpd (m ³ /d)
IC SW-2514-HRLE	99.50	99.40	/	150(0.6)

Operating and Cleaning Limits

· Maximum Operating Pressure	69 bar (1000 psi)	· pH Range Short-Term Cleaning	1-13
· Maximum Operating Temperature	45°C (113°F)	· Maximum Feed SDI(SDI ₁₅)	5.0
· Maximum Element Pressure Drop	1.0 bar (15psi)	· Free Chlorine Tolerance	< 0.1 ppm
· pH Range Continuous Operation	2-11		

Notes

- Permeate flow for individual elements may vary ± 15 percent from the value specified.
- Active membrane area guaranteed $\pm 4\%$.
- Stabilized salt rejection is generally achieved within 24-48 hours of continuous use; depending upon feedwater characteristics and operating conditions.