Water Purification Supplies

MB-4021-XLP
Extra Low Pressure Element

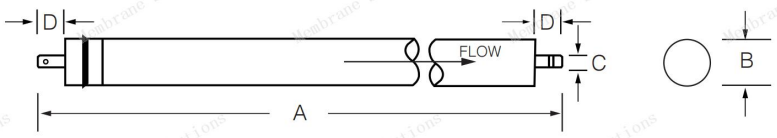
➔ Product Specifications and Operation Limits

	MODEL	MB-4021-XLP
Product specifications	Nominal salt rejection,%	98.5%
	Minimum salt rejection,%	98%
	Permeate flow rate,m^3/d(gpd)	3.6(950)
	Active membrane area,m^2(ft^2)	3.6(39)
	Feed spacer,mil	28
Test conditions	Feed water NaCl,ppm	500
	Pressure,psi(bar)	100（6.9）
	Temperature,℉(℃)	77(25)
	Recovery rate of single membrane element,%	8
	pH	7-8
Max. operation limits	Pressure,psi(bar)	600(41.4)
	Feed water flow,m^3/h	3.6
	Feed free chlorine tolerance,mg/l	<0.1
	pH range during continuously operation	2-11
	Max. pressure drop for single element,psi(bar)	15(1.0)
	Temperature,℉(℃)	113(45)
	Feed Silt Density Index(15 min)SDI_{15}	5
	pH range during chemical cleaning	1-13

- The salt rejection rate generally needs to be tested after 24-48 hours of continuous operation, depending on the feed water quality and operating conditions.
- The flow rate of a single membrane element may vary, but within a range of ±15%.

➔ Element Dimensions

Dimensions:



A inches(mm)	B inches(mm)	C inches(mm)	D inches(mm)
533（21）	99(3.9)	0.75(19)	26.7（1.05）