

PURO-II Membrane Element

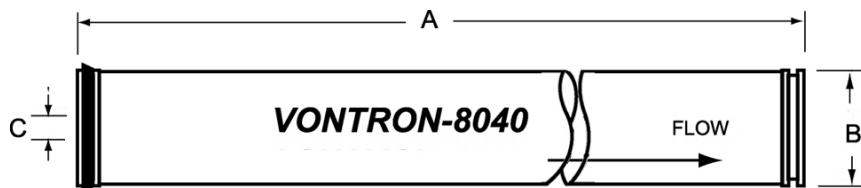
Brief Introduction

PURO-II membrane elements have higher endurance to chemical cleaning and obviously higher fouling resistance owing to the brand-new design of feed channel spacer with low pressure differentials.

PURO Series of fouling resistant membranes normally suitable for treatment of complex water source with TDS less than 10000 ppm. It is mainly used for purification of surface water, mining waste water, municipal reclaimed water, industrial waste water, RO brackish water, etc.

Model	Active Membrane Area ft ² (m ²)	Permeate flow GPD(m ³ /d)	Stable Rejection Rate %	Feed Spacer Thickness mil
PURO-II	400 (37.2)	10500 (39.7)	99.7	34-LD
Testing Position	Operating pressure at 225 psi (1.55MPa)			
	Temperature at 25°C			
	Tested in 2000 mg/L NaCL solution			
	pH 7.0 ± 0.5			
Operating	Recovery rate at 15%			
	Maximum operating pressure		600psi (4.14MPa)	
	Maximum feedwater flow		75gpm (17 m ³ /h)	
	Maximum feedwater temperature		45°C	
Limit & Conditions	Maximum feedwater flow SDI ₁₅		5	
	Allowed pH range for feedwater in operation		2~11	
Conditions	Allowed pH range for chemical cleaning		1~13	
	Maximum concentration of free chlorine		<0.1ppm	
	Maximum pressure drop per element		15psi (0.1MPa)	

Size of Membrane Element: 1.0 inch=25.4 mm



A/mm(inch)	B/mm(inch)	C/mm(inch)
1016 (40)	201 (7.9)	29 (1.125)