



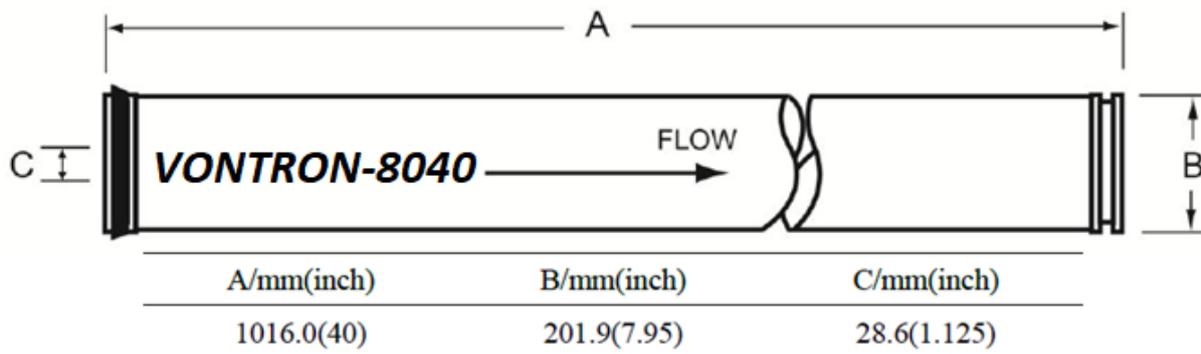
Vontron membrane 8" LP22 8040

The LP (low pressure) series of aromatic polyamide compound membrane element developed by Vontron Membrane Technology Co., Ltd. has the properties of low-pressure operation, high permeate flow and excellent desalination and is applicable to desalination of brackish water. Besides, it is particularly applicable to fabrication of high-purity water for electronic industry and electric power industry owing to its excellent performance in removing soluble salts, TOC, SiO₂, etc.

Being suitable for desalting such water sources as surface water (NaCl ≤ 10000ppm), underground water, tap water and municipal water, etc., LP series is mainly applicable to treatment of various industrial water such as industrial-purpose pure water, boiler water replenishment in power plants, and can be also applied to such brackish water applications, such as treatment of high-concentration saline waste water and production of beverage-purpose water.

Model	Active Membrane	Average Permeate	Stable Rejection	Min. Rejection
	Area ft ² (m ²)	GPD(m ³ /d)	Rate %	Rate %
LP22-8040	400 (37.2)	10500 (39.7)	99.5	99.3
Testing Conditions	Testing Pressure		225 psi (1.55Mpa)	
	Testing Solution Temperature		25 °C	
	Concentration of Testing Solution (NaCl)		2000ppm	
	pH value of Testing Solution		7.5	
	Recovery Rate of Single Element		15%	
Operation	Max. Working Pressure		600psi (4.14Mpa)	
	Max. Temperature of Feed water		45°C	
Limits & Conditions	Max. Volume of Feed water		75gpm (17 m ³ /h)	
	Max. Feed water SDI ₁₅		5	
Conditions	pH Range of Feed water during Continuous Operation		2~11	
	pH Range of Feed Water during Chemical Cleaning		1~13	
	Residual Chlorine Concentration of Feed Water		<0.1ppm	
	Max. Pressure Drop of Single Membrane Element		15psi (0.1Mpa)	
	Max. Pressure Drop of Single Pressure Vessel with Six RO Membranes		50psi (0.34Mpa)	

Size of Membrane Element: 1.0 inch = 25.4 mm



www.waterpurificationcenter.com - Lucca Italy - tel. +39 0583.30.75.41