

PURAN



Low Energy Reverse Osmosis Membrane

Description

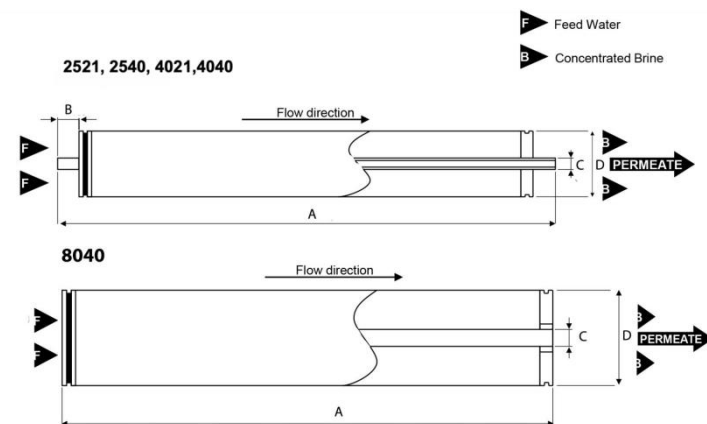
The Puran LERO membranes are used for the desalination of salty water and other similar water. It has stable salt rejection rate, and high flow rate working at low pressure. It is used to produce pure water or ultra-pure water in fields of electronics, power, petrochemical, food, beverage and pharmacy.

Technical Parameters

Model	Diameter inch	Membrane Area ft ² (m ²)	Salt Rejection Rate %	Product Flow Rate gpd (m ³ /d)	Feed Spacer Thickness mil
PN-LE2521	2.5"	12.8 (1.17)	99.2	350 (1.3)	28
PN-LE2540	2.5"	35 (3.2)	99.2	800 (3.0)	28
PN-LE4021	4"	38.5 (3.52)	99.2	1050 (3.9)	28
PN-LE4040	4"	85 (7.9)	99.2	2500(9.46)	28
PN-LE8040	8"	400 (37)	99.2	11200 (42.4)	28
PN-LE8040-440	8"	440 (41)	99.2	12500 (47.3)	28

Type	Configuration	Spiral wound
	Membrane material	Composite Polyamide
Test Condition	Feed water pressure	150psi (1.03MPa)
	Feed water temperature	77°F (25°C)
	Feed water concentration	500mg/l NaCl
	Recovery rate	15%
	Feed water pH	6.5-8.5
Application limits	Maximum chlorine concentration	0.1ppm
	Maximum operating temperature	113 °F (45°C)
	Feed water pH range continuous working	2.0 - 10.0
	Maximum feed water turbidity	1.0 NTU
	Maximum feed water SDI (15mins)	5.0
	Maximum pressure drop for each element	13psi(0.09MPa)

Dimensions



Unit: inch(mm)

Size	A	B	C	D
2521	21 (533.4)	1.05 (27)	0.75 (19)	2.5 (63)
2540	40 (1016)	1.05 (27)	0.75 (19)	2.5 (63)
4021	21 (533.4)	1.05 (27)	0.75 (19)	4 (101)
4040	40 (1016)	1.05 (27)	0.75 (19)	4 (101)
8040	40 (1016)	-	1.125 (29)	8 (201)