



## Wastewater Reverse Osmosis Membrane

### Description

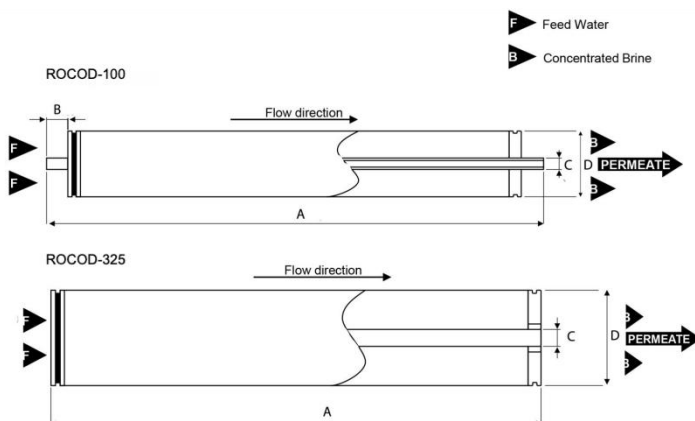
The ROCOD Series use reverse osmosis for molecular separation, desalination and purification of liquids. The module involves a total reverse osmosis system resulting in a module that operates effectively and economically even at increased turbidity and Silt Density Index levels. Compared with standard RO, it can work stably with high TDS and COD wastewater.

### Technical Parameters

Model	Diameter inch	Membrane Area ft <sup>2</sup> (m <sup>2</sup> )	Salt Rejection Rate %	Product Flow Rate gpd (m <sup>3</sup> /d)	Feed Spacer Thickness mil
ROCOD-100	4"	60(5.5)	99.3	1600(6.0)	48
ROCOD-325	8"	325(30)	99.3	8900(33.6)	48

Type	Configuration	Spiral wound
	Membrane material	Composite Polyamide
Test Condition	Feed water pressure	225psi (1.55MPa)
	Feed water temperature	77°F (25°C)
	Feed water concentration	2,000mg/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 feed water COD	50,000ppm
	Maximum pressure drop for each element	13psi(0.09MPa)

### Dimensions



Unit: inch(mm)

Size	A	B	C	D
ROCOD-100	40 (1016)	1.05 (27)	0.75 (19)	4 (101)
ROCOD-325	40 (1016)	-	1.125 (29)	8 (201)