

# PURAN

## Waste Water Reverse Osmosis Membrane ROCOD-325



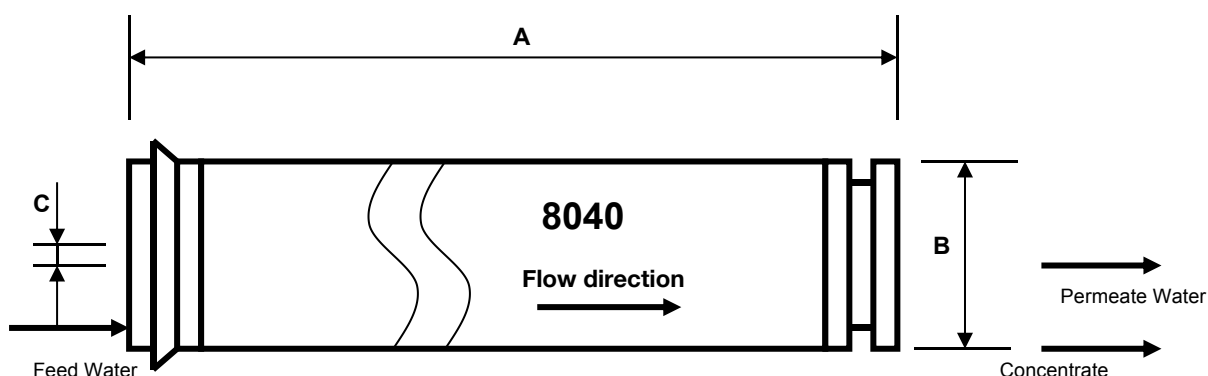
### Description

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.

### Application

- Leachate treatment
- Dyeing waste water
- Seawater desalination
- Paper production waste water
- Dairy waste water etc.

### Dimension



Sizes – inch (mm)		
A	B	C
40(1016)	8(201)	1.125(29)

## Technical Parameters

Model	ROCOD-325	
Specification	Salt rejection rate	99.3% min.
	Permeate flow	8900gpd(33.6m <sup>3</sup> /d)
Type	Configuration	Spiral wound
	Membrane material	Composite Polyamide
	Membrane area	325ft <sup>2</sup> (30m <sup>2</sup> )
Application limits	Maximum operation pressure	600psi (4.16MPa)
	Maximum chlorine concentration	0.1ppm
	Maximum operating temperature	113 °F (45°C)
	Feedwater pH range continuous working	2.0 - 10.0
	Maximum feedwater turbidity	3.0 NTU
	Maximum feedwater SDI (15 mins)	15.0
	Maximum COD	50,000ppm
	Maximum feed flow	10 GPM (2.3m <sup>3</sup> /h)
	Maximum pressure drop for each element	13psi(0.09MPa)

\* The limitations shown here are for general use. Operating at more conservative values for specific projects may ensure the best performance and longest life of the membrane.

## Test Condition

The stated performance is for the initial data taken after 30 minutes of operation, based on the following test conditions:

- 2000 ppm NaCl solution
- 225psi (15.5bar) applied pressure
- 77°F (25°C) operating temperature
- 6.5-8.5 pH range
- 15% permeate recovery

## Note

Permeate flow for individual elements may vary +15% or -15%. All membrane elements are supplied with a brine seal, interconnector, and o-rings. Elements are enclosed in a sealed polyethylene bag containing less than 1.0% sodium meta-bisulphate solution and 10% propylene glycol, and then packaged in a cardboard box.