

FG - SpiraCore® - RO Polisher Membrane Series

- Membrane material : PA
- Outer wrap : net
- Application : recovery of evaporator concentrate and RO/NF permeate
- Spacer : 31mil
- Feature : Conform to Sanitary Standard

Product	Water Flux LMH	Salt Rejection /MgSO ₄	Salt Rejection /NaCl
FG-DairyRO-Polisher	35	/	>99.5%

Test conditions: 200mg/L NaCl, 225 psi (1.55Mpa), 77°F, pH 8, 15% recovery

Product Specifications

Model	Spacer (mil)	Membrane area (ft ² /m ²)	Outer wrap
2540	31	16 (1.5)	Net
4040	31	75 (7.0)	Net
8040	31	310 (32.5)	Net

Operating And Design Information

Typical Operating Pressure	Maximum Operating pressure	Maximum Temperature	Chlorine Tolerance	Max. Feed Turbidity	Max. Feed SDI (15minutes)	Max. Pressure Drop
200-500PSI	600PSI	50°C (Operating) 85°C (Cleaning)	1000ppm hours, dechlor is recommended	<1NTU	<5	<15PSI

CIP Operation Condition

Temperature	Minimum PH	Maximum PH
50°C (122°F)	2.0	11.5
45°C (113°F)	1.5	11.5
35°C (95°F)	1.5	11.5
25°C (77°F)	1.0	12.0

Element Specifications

Model	Nominal Dimensions			
	A	B	C	D
RO2540-995-31	40in (1016mm)	36.5in (927mm)	2.4in (61mm)	0.75in (19.05mm)
RO4040-995-31	40in (1016mm)	38.5in (978mm)	3.9in (28.9mm)	0.625in (15.8mm)
RO8040-995-31	40in (1016mm)	38in (965mm)	7.9in (200.1mm)	1.125in (28.6mm)

