

## FG - SpiraCore® - Dairy RO4 Membrane Series

- Membrane material : PA
- Outer wrap : net
- Application : Dairy concentrate
- Space : 31/34/65 mil
- Conform to 3A Standard

Product	Water Flux LMH	Salt Rejection /MgSO <sub>4</sub>	Salt Rejection /NaCl
FG - DairyRO4	30	/	>99,5%

Test conditions: 1) 2000mg/L NaCl, 800 psi (5.5Mpa), 77°F (25°C), pH 6.5, 15% recovery.  
 2) The flux of a single membrane element may vary in the range of ±25%

### Product Specifications

Model	Spacer (mil)	Membrane area (ft <sup>2</sup> /m <sup>2</sup> )	Outer wrap
3838	31	75 (7.0)	Net
	46	60 (5.6)	Net
3840	31	75 (7.0)	Net
	46	60 (5.6)	Net
6338	31	205 (19)	Net
	46	165 (15.3)	Net
	65	125 (11.6)	Net
8038	31	310 (32.5)	Net
	46	260 (24.2)	Net
	65	215 (19.5)	Net
8338	31	410 (38.1)	Net
	46	319 (29.6)	Net
	65	243 (22.6)	Net

Remark: A special ATD is required for each membrane element

### Operating And Design Information

Typical Operating Pressure	Maximum Operating pressure	Maximum Temperature	Allowable pH	Chlorine Tolerance	Max. Feed Turbidity	Max. Feed SDI (15minutes)	Max. Pressure Drop
600-800PSI	1200PSI	50°C (Operation) 85°C (Cleaning)	3-10 (Operation) 3-9 (Cleaning)	500 ppm hours, dechlor is recommended	<1NTU	<5	<15PSI

### Element Specifications

Model	Nominal Dimensions		
	A	B	C
RO3838-995-31/46	38in (965mm)	3.8in (97mm)	0.83in (21mm)
RO3840-995-31/46	40in (1016mm)	3.8in (97mm)	0.83in (21mm)
RO6338-995-31/46/65	38in (965mm)	6.3in (160mm)	1.139in (28.9mm)
RO8038-995-31/46/65	38in (965mm)	7.9in (200mm)	1.139in (28.9mm)
RO8338-995-31/46/65	38in (965mm)	8.3in (211mm)	1.139in (28.9mm)

