

## FG - SpiraCore® - Dairy HWS - RO Membrane Series

- Membrane material : PA
- Outer wrap : net
- Application : Sanitary water for Dairy and Food
- Spacer : 31 mil
- Feature: Conform to 3A Standard

Product	Feed Flux LMH (GFD)	Solute Rejection /NaCl	Solute Rejection /MgSO <sub>4</sub>
FG-Dairy HWS - RO	35 (20.6)	/	>98%

Test conditions: 2000mg/L MgSO<sub>4</sub>, 225 PSI (1.55Mpa), 77°F (25°C), pH8.

### Product Specifications

Model	Spacer (mil)	Membrane area ft <sup>2</sup> (m <sup>2</sup> )	Outer wrap
3838	31	75 (7.0)	Net
3840	31	77 (7.2)	Net
8038	31	350 (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	Continuous Operation: 50°C Hot-water disinfection: 90°C	500ppm 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
RO3838-98M-31	3.8in (965mm)	/	3.8in (97mm)	0.83in (19.05mm)
RO3840-98M-31	38.75in (984mm)	36.5in (927mm)	3.8in (97mm)	0.83in (19.05mm)
RO8038-98M-31	38in (965mm)	/	7.9in (200.1mm)	1.139in (28.9mm)

