

FG - SpiraCore® - Dairy NF1 Membrane Series

- Membrane material : PA
- MWCO : 150D
- Outer wrap : Net
- Application : Whey desalination
- Spacer : 31 or 46mil
- Feature : Conform to 3A standard

Product	Feed Flux LMH (GFD)	Solute Rejection / MgSO ₄	Solute Rejection / NaCl
FG - Dairy NF1	35 (20.6)	>98%	/

Test conditions: 2000mg/L MgSO₄, 110 PSI (0.76Mpa), 77°F (25°C), pH 8.15% recovery.

Product Specifications

Model	Spacer (mil)	Membrane area ft ² (m ²)	Outer wrap
3838	31	75 (7.0)	Net
3840	31	77 (7.2)	Net
	46	60 (5.6)	Net
8038	31	310 (32.5)	Net
	46	260 (24.2)	Net
8040	31	310 (32.5)	Net

Operating And Design Information

Typical Operating Pressure	Maximum Operating pressure	Maximum Temperature	Allowable pH	Chlorine Tolerance	Maximum Feed Turbidity	Maximum Feed SDI (15 minutes)	Max. Pressure Drop
70-400 PSI	600 PSI	Operation: 50°C Cleaning: 85°C	Continuous Operation : 3-9 Chemical cleaning: 2-10.5	500ppm hours, dechlor is recommended	<1NTU	<5	<15PSI

Element Specifications

Model	Nominal Dimensions		
	A	B	C
NF3838-98M-31	38in (965mm)	3.8in (97mm)	0.83in (21mm)
NF3840-98M-31/46	38.75in (984mm)	3.8in (97mm)	0.83in (21mm)
NF8038-98M-31/46	38in (965mm)	7.9in (200mm)	1.125in (28.6mm)
NF8040-98M-31	40in (1016mm)	7.9in (200mm)	1.125in (28.6mm)

