

FG - SpiraCore® - Dairy HWS - NF Membrane Series

- Membrane material : PA
- MWCO : 150-300D
- Outer wrap : net
- Application : Sanitary water for Dairy and Food
- Spacer : 31/46 mil
- Feature: Conform to 3A Standard

Product	Feed Flux LMH (GFD)	Solute Rejection /NaCl	Solute Rejection /MgSO ₄
FG-Dairy HWS - NF	40 (23.5)	/	>98%

Test conditions: 2000mg/L MgSO₄, 110 PSI (0.76Mpa), 77°F (25°C), pH8.

Product Specifications

Model	Spacer (mil)	Membrane area ft ² (m ²)	Outer wrap
3838	46	60 (5.6)	Net
3840	31	77 (7.2)	Net
8038	31	350 (32.5)	Net
	46	260 (24.2)	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
NF3838-98M-46	3.8in (965mm)	/	3.8in (97mm)	0.83in (19.05mm)
NF3840-98M-31	38.75in (984mm)	36.5in (927mm)	3.8in (97mm)	0.83in (19.05mm)
NF8038-98M-31/46	40in (1016mm)	/	7.9in (200.1mm)	1.139in (28.9mm)

