

**4.0 INCH PAN 50 Micro Filtration Membrane
SPECIFICATIONS**

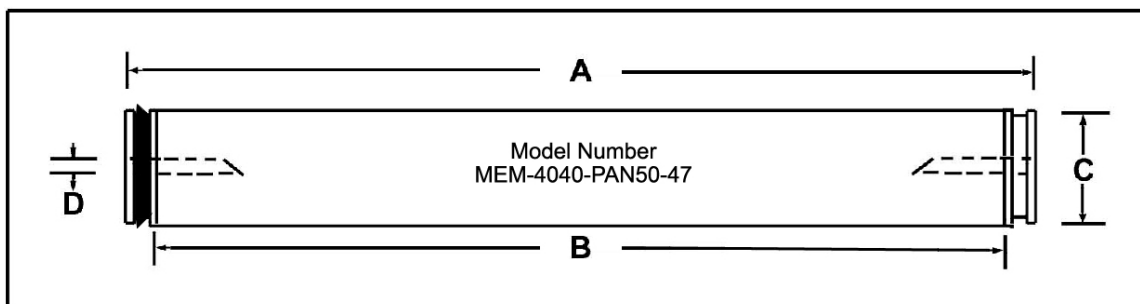
20,000 MWCO Polyacrylonitrile (PAN) Element
High Performance UF Element

ALL MATERIALS ARE NSF AND/OR FDA APPROVED WITH THE EXCEPTION OF THE ADHESIVE ON THE OUTER WRAP AND THE FIBERGLASS OUTER WRAP.

Application

Oily wastewater recovery membrane removal of emulsified and free oil from machine parts, wash water, and other oil-water separation application

Model Number	Dim.	Dim.	Dim.	Dimensions		
	A (Inches)	B (Inches)	C (Inches)	D (Inches)	Area	Feed Flow
MEM-4040-PAN50-47	40 in (1016 mm)	38 in (965 mm)	4.0 in (101.6 mm)	.625 in (15.9 mm)	60ft ² (5.6m ²)	40 gpm (201 Lpm)



Operating Limits

Process pH Limitations	2 - 9
CIP pH Limitations @ 77°F (25°C)	1.5 - 10.5
Max. Applied Pressure	150 psi (10 Bar)
Max. Element ▲P	20 psi (1.4 Bar)
Max. Housing ▲P	80 psi (5.5 Bar)
Max. Process Temperature	122°F (50°C)
Max. CIP Temperature±	130°F (55°C)

** Recommended Nominal Values

SANITIZER Limits	CIP			SANITIZING		
	ppm	pH	Temp° F (°C)	ppm	pH	Temp° F (°C)
Chlorine	150	10.5	130° (54°)	50	10.5	130° (54°)
0.2% Peracetic Acid & H2O2	2000	3 - 7.	77° (25°)	500	3 - 7.	77° (25°)
	(500 ppm as H2O2)			(125 ppm as H2O2)		