



Meet Your Filtration Needs Is Our Goal.

SS-UE050-8038

UF Membrane for Pharmaceutical, Biological, Food and Dairy Applications

PRODUCT DESCRIPTION

Membrane Chemistry:	Proprietary semi-permeable polyethersulfone (PES)
Membrane MWCO:	50,000 Daltons
Construction:	Sanitary spiral wound element with net outer wrap Feed spacer: F=31 mil, G=46 mil, H=65 mil, I=80 mil
Options:	Outer wrap: N= Control Bypass without Tail T= Control Bypass with Tail

SPECIFICATIONS

Model	Active Membrane Area			
	FN/T Spacer (31mil)	GN/T Spacer (46mil)	HN/T Spacer (65mil)	IN/T Spacer (80mil)
	ft ² (m ²)	ft ² (m ²)	ft ² (m ²)	ft ² (m ²)
SS-UE050-8038	370 (34.3)	270 (25.0)	210 (19.5)	189 (17.5)

Replacements: NADIR DS-UH050-8038
Specialty feed spacer is available.

OPERATION SPECIFICATIONS

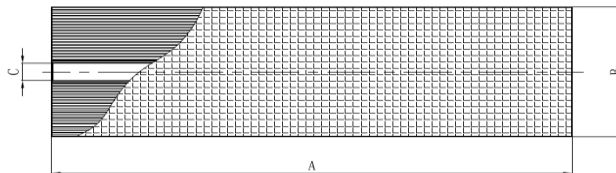
Typical Operation Pressure:	30-120 psi (2.1-8.3 bar)
Maximum Operation Pressure:	140 psi (9.7 bar)
Operating Temperature Range:	41-122°F (5-50°C)
Cleaning Temperature Range:	105-122°F (40-50°C)
pH-Continuous Operation @25°C	2.0-10.0
pH-CIP @25°C	1.8-11.0

Contact us for specific applications.

DESIGN PARAMETERS

Feed:	F spacer: 95-108 gpm
	G spacer: 120-134 gpm
	H spacer: 142-158 gpm
	I spacer: 165-183 gpm
Design Pressure Drop Per Element:	F spacer: 12-15 psi (0.8-1.0bar)
	G spacer: 15-20 psi (1.0-1.4bar)
	H & I spacer: 15-25 psi (1.0-1.7bar)

DIMENSIONS



Model	A inches (mm)	B inches (mm)	C inches (mm)
SS-UE050-8038	38.0 (965)	7.9 (201)	1.138 (28.9)

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