



Meeting Your Filtration Needs Is Our Goal.

Model: Acatech UF-8040

E-Coat Ultrafiltration Membrane Element

PRODUCT DESCRIPTION

Membrane Chemistry:	Polyvinylidene Fluoride (PVDF)
Backing Material:	Polyester
Permeate Tube: □	Unplasticized Polyvinyl Chloride (UPVC)
Inlet/Outlet End Cap:	304 SS
8" Coupling	304 SS
8" Gasket Victaulic:	EPDM
Construction:	Spiral wound element with integrated PVC housing
Active Area	290ft ² (26.9m ²)

OPERATION SPECIFICATIONS

Maximum Inlet Pressure:	65 psi (4.4 bar)
Minimum Outlet Pressure:	10 psi (0.7 bar)
Recommended Inlet Pressure:	44-60 psi (3.0-4.1 bar)
Recommended Outlet Pressure:	15-40 psi (1.0-2.7 bar)
Maximum Permeate Side Back Pressure:	4.4 psi (0.3 bar)
Maximum Feed Side Pressure Drop:	36 psi (2.5 bar)
Maximum Operating Temperature:	122°F (50°C)
Allowable pH – Continuous Operation:	2.0-10.0
Allowable pH – Short Term Cleaning:	2.0-11.5@50°C, 30min

DESIGN PARAMETERS

Feed:	65-80 gpm (246-303 lpm)
Permeate Flow on Fresh Lab Paint Baths	2.8-4.5 gpm (10.6-17 lpm)

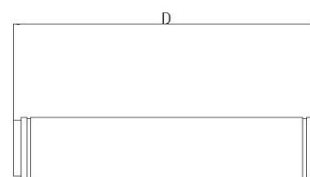
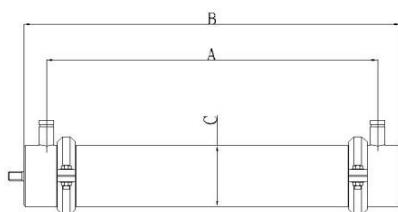
*Above data are based on water @77°F (25°C) and a specific gravity of 1.0.

REPLACEMENTS REFERENCE

Koch 8638 M-183-LPP; Koch 8638 M-300-LPP
Consult Process Engineering Group for specific information.

DIMENSIONS

Permeate Tube I.D.:	1.3 in (33.0 mm)
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Model	A	B	C	D
	inches (mm)	inches (mm)	inches (mm)	inches (mm)
Acatech UF-8040	42.75 (1086)	45.88 (1165)	8.63 (219.2)	39.5 (1003)