



Meet Your Filtration Needs Is Our Goal.

Model: SEP-UF-10040
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
10" Coupling	304 SS
10" Gasket Victaulic:	EPDM
Construction:	Spiral wound element with integrated PVC housing
Active Area	455ft ² (42.0m 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:	98-125 gpm (360-460lpm)
Permeate Flow on Fresh Lab Paint Baths	4.6-7.1 gpm (16.9-27lpm)

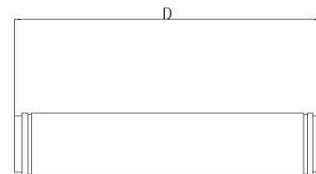
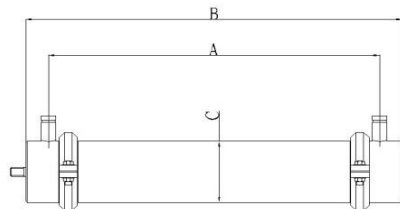
*Above data are based on water @77°F (25°C) and a specific gravity of 1.0.

REPLACEMENTS REFERENCE

Koch 10738 M-183-LPP; Koch 10738 M-300-LPP;
 Consult Process Engineering Group for specific information.

DIMENSIONS

Permeate Tube I.D.: 1.3 in (33.0 mm)



Model	A	B	C	D
	inches (mm)	inches (mm)	inches (mm)	inches (mm)
SEP-UF-10040	42.75 (1086)	46.10 (1171)	10.75 (273)	38.0 (965)