

KÖHLER

Spiral E-Coat Ultrafiltration Membrane Element

Model: KM-UF 8040-SEP

➤ **APPLICATION** Electrocoating paints recover in automobile, other industries

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 Active Area	Spiral wound element with integrated PVC housing 290ft ² (26.9m ²)
REPLACEMENTS REFERENCE	Koch 8638 M-183-LPP Koch 8638 M-300-LPP	
OPERATION SPECIFICATIONS	Maximum Inlet Pressure Minimum Outlet Pressure Recommended Inlet Pressure Recommended Outlet Pressure Maximum Permeate Side Back Pressure Maximum Feed Side Pressure Drop Maximum Operating Temperature Allowable pH – Continuous Operation Allowable pH – Short Term Cleaning	65 psi (4.4 bar) 10 psi (0.7 bar) 44-60 psi (3.0-4.1 bar) 15-40 psi (1.0-2.7 bar) 4.4 psi (0.3 bar) 36 psi (2.5 bar) 122° F (50° C) 2.0-10.0 2.0-11.5@50°C 30min
DESIGN PARAMETERS	Feed Permeate Flow on Fresh Lab Paint Baths	65-80 gpm (246-303 lpm) 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.

DIMENSUONS:

Model	A inches (mm)	B inches (mm)	C inches (mm)	D inches (mm)
KM-UF 8040-SEP	42.75 (1086)	45.88 (1165)	8.63 (219.2)	39.5 (1003)

