

KÖHLER

Spiral E-Coat Ultrafiltration Membrane Element

Model: KM-UF 4030-SEG

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

PRODUCT DESCRIPTION	Membrane Chemistry:		Polyvinylidene Fluoride (PVDF)	
	Backing Material:		Polyester	
	Permeate Tube:		Unplasticized Polyvinyl Chloride (UPVC)	
	Seal Carrier:		ABS Plastic	
	Brine Seal:		EPDM	
	Construction:		Spiral wound element with fiberglass outerwrap	
SPECIFICATION	Model	Diameter (in) (mm)	Overall Length (in) (mm)	Active Area (ft ²) (m ²)
	SEG-UF-4030	3.9 (99)	30 (762)	53 (4.9)
	Consult Process Engineering Group for specific information.			
OPERATION SPECIFICATIONS	Maximum Inlet Pressure:			65 psi (4.4 bar)
	Recommended Inlet Pressure:			44-60 psi (3.0-4.1 bar)
	Recommended Outlet Pressure:			15-40 psi (1.0-2.7 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:			20-24 gpm (76-91 lpm)
	Permeate Flow on Fresh Lab Paint Baths			0.6-0.9 gpm (2.2-3.4 lpm)

DIMENSIONS:

Model	A	B	C
KM-UF 4030-SEG	inches (mm)	inches (mm)	inches (mm)
	30.0 (762)	3.9 (99)	0.625 (15.8)

