

KÖHLER

Spiral E-Coat Ultrafiltration Membrane Element

Model: KM-UF 40-SEG

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

PRODUCT DESCRIPTION	Membrane Chemistry:	Polyvinylidene Fluoride (PVDF)		
	Backing Material:	Polyester		
	Permeate Tube:	ABS Plastic		
	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-8040	7.9 (200)	40 (1016)	290 (26.9)
	Replacements: Osmonics 815ED1; Koch 8 Consult Process Engineering Group 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:			65-80 gpm (246-303 lpm)
	Permeate Flow on Fresh Lab Paint Baths			2.8-4.5 gpm (10.6-17 lpm)

DIMENSUONS:

Model	A inches (mm)	B inches (mm)	C inches (mm)
KM-UF 8040-SEG	40.0 (1016)	7.9 (200)	1.138 (28.9)

