

## Unidesign Element PV500-8640AH-8X0D Electrocoating Ultrafiltration (UF) Element

### Product Description\*

Membrane Material	PVDF 200kD
Item ID	PV500-8640AH-8X0D
Membrane Area	325 ft <sup>2</sup> (30,2 m <sup>2</sup> )
Spacer	30 mil (0.76 mm)
Construction / Housing	Compact Module PVC
O-Ring Permeate	EPDM (Silicone Free)
Seal	None, bypass glued

\*All components of construction are silicone free

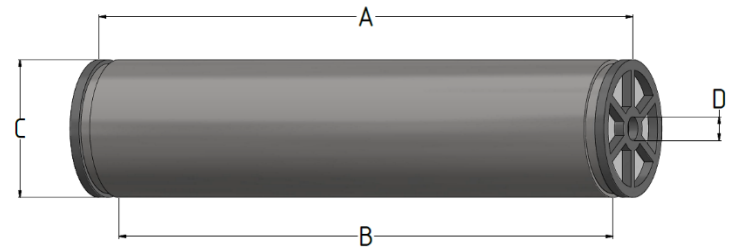
This element can be used as a drop-in replacement for LuV and Koch. Both Permeate side are open. Permeate plug is needed!

### Physical

PVC Housing Length "A"	Element Length "B"	Element OD "C"	Permeate Tube ID "D"
39,25 in (997 mm)	37,25 in (946 mm)	8,625 in (219,1 mm)	1.29 in (32.8 mm)

### Operating

Paint Flow vs. Pressure Drop*	Max. Inlet Pressure	Min. Outlet Pressure	Max. Permeate Pressure	Max. Feed Side Pressure Drop	Max. Operating Temp.**	pH Range**
88 gpm (20.0 m <sup>3</sup> /h)	70 psi (4.9 bar)	10 psi (0.7 bar)	5 psi (0.34 bar)	35 psi (2.4 bar)	120°F (49°C)	CIP: 1.8 - 10.5 OP: 2-10



### Packaging Detail

Element Shipping Weight	Element Working Weight	Element Packaging
55 lb (27.2 kg)	77 lb (35.3 kg)	1,270 x 330 x 270 mm (29.8 kg)

All components of construction are silicone free.

This standard electrocoating element can be used with both cationic and anionic paints. HMT E-Coat elements are shipped with a 0.5% solution of sodium metabisulfite and need to be used with RO/DI water prior to operation.

\* Data based on DI water @ 77°F (25°C)

\*\* Consult factory for detailed cleaning instructions