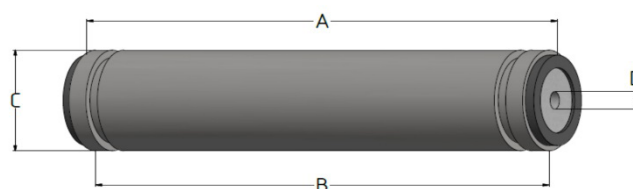


## R1-8640AH-8X1D Electrocoating Ultrafiltration (UF) Unidesign Element

### Product Description\*

Membrane Material	PVDF
Item ID	R1-8640AH-8X1D
Membrane Area	315 ft <sup>2</sup> (29.3 m <sup>2</sup> )
Spacer	31 mil (0.76 mm)
Construction / Housing	PVC-C
O-Ring Permeate	2x EPDM (Silicone Free)
Seal	None, Bypass Glued

\*All components of construction are silicone free



### Packaging Detail

Element Shipping Weight	Element Working Weight	Element Packaging
60 lb (27.2 kg)	90 lb (40.8 kg)	1,110 x 350 x 300 mm (27.3 kg)

Our Unidesign module has a new membrane for Demi Water Recycling Systems or Permeate Recovery. This element can be used to create E-Coat permeate with 15%-20% lower total solids than other membranes.

Nanostone E-Coat elements are shipped with a 0.5% solution of sodium metabisulfite and need to be flushed with RO/DI water prior to installation.

### Physical Dimensions

Housing Length including ATD "A"	Element Length "B"	Element OD "C"	Permeate OD "D"
39.25 in (997 mm)	37.25 in (946 mm)	8.625 in (219.1 mm)	1.290 in (32.7 mm)

### Operating Parameters

Paint Flow vs. Pressure Drop*	Max. Inlet Pressure	Min. Outlet Pressure	Max. Permeate Pressure	Max. Feed Side Pressure Drop	Max. Operating Temp.**	pH Range**
70-75 gpm @ 28 psi (16-17 m <sup>3</sup> /h @ 2.0 bar)	50 psi @ 120°F (3.4 bar @ 49°C)	20 psi (1.4 bar)	5 psi (0.34 bar)	35 psi @ 120°F (2.4 bar @ 49°C)	64 psi @ 120°F (4.4 bar @ 49°C)	CIP: 1.5 - 10.5 OP: 2-10

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

\*\* Consult factory for detailed cleaning instructions

