

WORLD LEADERS IN HIGH RECOVERY MEMBRANE TECHNOLOGIES FOR THE ELECTRO-COATING SECTOR

The electro-coating process is highly automated and demands effective reliable systems that operate efficiently. Our highly trained Application Engineers understand all aspects of electro-coating and add real value by advising on the selection of membranes, elements and modules for maximum efficiencies at each stage in the process. Our solutions take the difficult to treat water produced by electro-coating and recycle water within the process, extract and re-use paint pigment and products clean water for discharge.

Market Leader in Research & Development

Nanostone leads the market in research, development and application engineering to redefine recovery rates, efficiencies and effectiveness for membrane-led technologies. No other membrane business offers the membrane range and flexibility of bespoke development.

Our Benefits

- Less Downtime
- Superior Range
- Reduced Costs
- Global Availability

CONSTRUCTION MATERIALS

Membrane	Polyvinylidene Fluoride
Backing	Polyester/ Polypropylene
Permeate Tube	CPVC/ PVC
Anti-telescoping Device	ABS
Paint Seal	EPDM



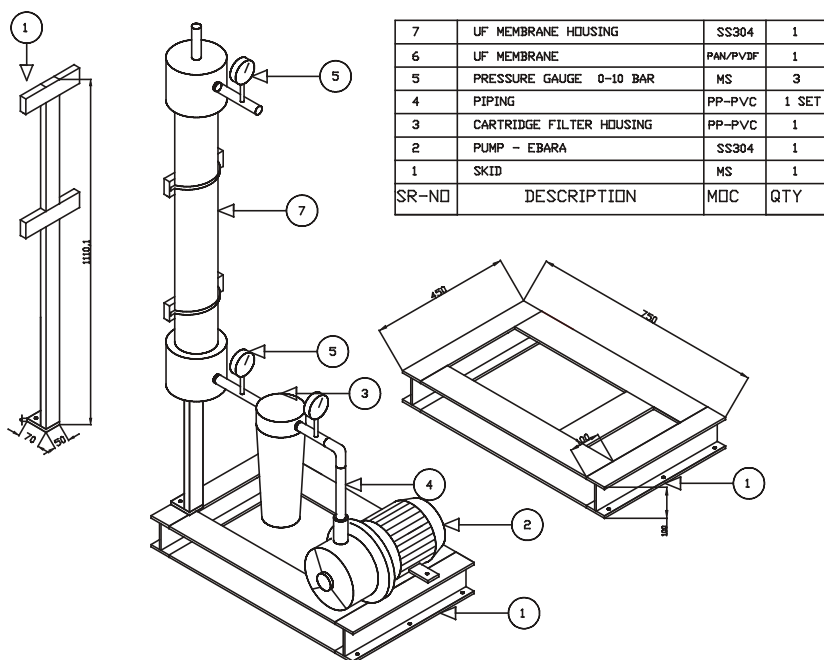
Modules	Element	Diameter [inch]	Body length [inch]	Area [m ²]	Spacer [mil]	Replacement	Application Description
Unidesign	PV350-8640-AH-8X1D	8.6	40	29.6	31	Synder/Koch/LuV	Special ECOAT Cationic Membrane: For primarily lacquer and urethane based cathodic
	PV350-8640-FH-8X1D	8.6	40	24.2	46	Synder/Koch/LuV	Special ECOAT Cationic Membrane: For primarily lacquer and urethane based cathodic

Drop in	PVDF400-2514-31F	2.5 (63.5 mm)	12 (305 mm)	0.55	31	none	Standard ECOAT Cationic & Anionic for Pilot or Lab
	PVDF400-2521-31F	2.5 (63.5 mm)	18 (457 mm)	1.00	31	none	Standard ECOAT Cationic & Anionic for Pilot or Lab
	PVDF400-4028-31F	4.0 (101 mm)	26 (660 mm)	4.9	31	Nadir, LuV	Standard ECOAT Cationic & Anionic
	PVDF400-4033-31F	4.0 (101 mm)	29.625 (752 mm)	5.5	31	Osmonics, Koch, LuV	Standard ECOAT Cationic & Anionic
	PVDF400-4040-31F	4.0 (101 mm)	38 (965 mm)	7.0	31	Nadir, Koch, LuV	Standard ECOAT Cationic & Anionic
	PVDF400-5640-31F	5.6 (142 mm)	40 (1016 mm)	13.7	31	Parker	Standard ECOAT Cationic & Anionic
	PVDF400-7637-31F	7.4 (188 mm)	33 (838 mm)	21.0	31	Koch	Replacement of Koch Spirapak Flange Module for SS & PVC Housing
	PVDF400-7640-31F	7.4 (188 mm)	38 (965 mm)	26.0	31	Koch, Synder, Nadir	Replacement of drop in Modules
	PVDF400-7840-31F	7.87 (200 mm)	39.6 (1006 mm)	29.0	31	Osmonics GE, Parker/PTI	Standard ECOAT Cationic & Anionic
	PVDF400-7940-31F	7.9 (200 mm)	40 (1016 mm)	28.8	31	Osmonics GE, Parker/PTI	Standard ECOAT Cationic & Anionic
	PVDF400-8040-31F	7.9 (200 mm)	40	30.2	31	Synder / Nadir	Standard ECOAT Cationic & Anionic

Unidesign	PV400-8640-AH-8X1D	8.6	40	29.6	31	Synder/Koch/LuV	Standard ECOAT Cationic & Anionic
	PV400-8640-FH-8X1D	8.6	40	24.2	46	Synder/Koch/LuV	Standard ECOAT Cationic Anionic Difficult to treat Paint
	PV400-10838 AH-8X1D	10.8	40	47.8	31	Koch	10" Module for big Systems with more than 5m ³ /h Performance
	R1-8640-AH-8X1D	8.6	40	29.6	31	none	New Membrane for Demi Water Recycling Systems or Permeate Recovery, Or to create ECOAT-Permeate with 15% to 20% lower total solids than other Membranes



Electro plating skid diagram



8 Inch UF Membrane with connection Kit

Included in the connection kit (sep850)

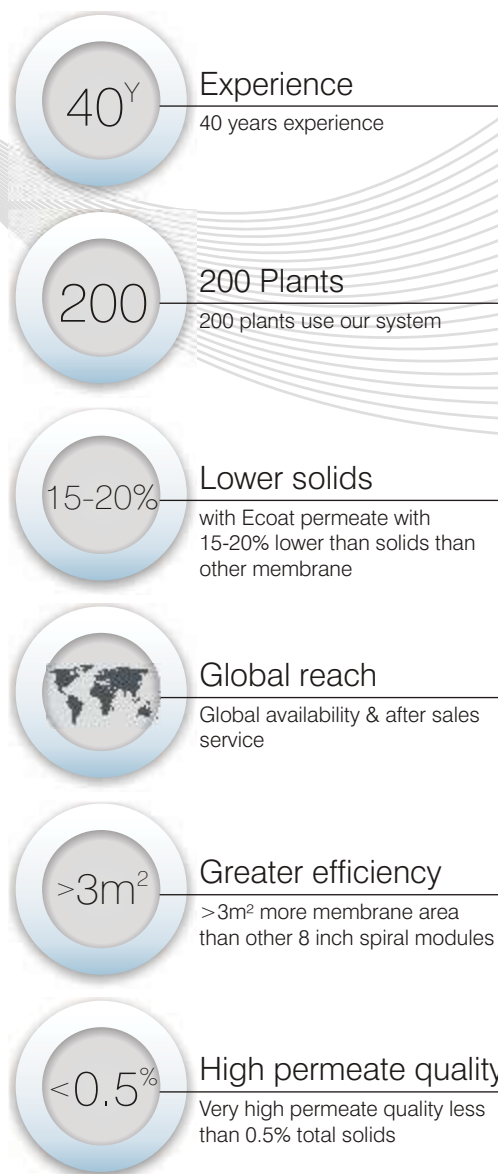
Item	Description	No.	Material
1	End Cap Standard 8" / 1", top	1	1.4301 (silicon free)
2	End Cap Standard 8" / 1/2", bottom	1	1.4301 (silicon free)
3	Victaulic Coupling 8"	2	steel / EPDM (silicon free)
4	Victaulic Coupling 2"	2	steel / EPDM (silicon free)
5	Connection for manifold 90mm x 2"	2	1.4301 (silicon free)

Included in the Unidesign Element packaging

Item	Description	No.	Material
6	ECOAT Element PV400-8640AH-TX1D or PV400-8640FH-TX1D or R1-8640AH-TX1D	1	PVC-C PVDF 400
7	O-Ring for Permeate adapter	2	EPDM (silicon free)
8	Glycerin pack	1	(silicon free)

Unidesign connection kit shipping details (sep850)

Dimensions:	44 x 32 x 30cm [lxbxh]
Weight:	17 kg



Authorised Distributor



Geofluid Processors Private Limited

112, Building No.2, Mittal Industrial Estate,
Andheri Kurla Road, Marol, Andheri (E), Mumbai - 400 059.

+91-22- 6155 5888 +91-22-6155 5800
info@geofluid.com www.geofluid.com