

# Unidesign Element Installation Guide

## Included in the Connection Kit

Item*	Description	Quantity	Material
1	End Cap Standard 8" / 1", top	1	1.4301 (silicone free)
2	End Cap Standard 8" / 0.5", bottom	1	1.4301 (silicone free)
3	Victaulic Coupling 8"	2	Steel / EPDM (silicone free)
4	Victaulic Coupling 2"	2	Steel / EPDM (silicone free)

\*Items 1-4 are for new installations only and not sold separately. Please contact us for more information.

## Included in the Unidesign Element Packaging

Item	Description	Quantity	Material
6	<b>E-Coat Element</b> ***-8640AH-8X0D or ***-8640FH-8X0D	1	PVC (silicone free)
7	O-Ring for Permeate Adapter	2	EPDM
8	Glycerin Pack	1	Glycerin (silicone free)

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**Step 1:** Remove the flow meter/assembly from the housing top cap. Store in a safe place to prevent damage.

**Step 2:** Remove the 8" and the 2" Victaulic couplings from the top cap (*Items #3 and 4*).

**Step 3:** Lift the top cap (*Item #1*) off the Unidesign housing and store in a safe place.

**Step 4:** Remove the Victaulic coupling from the bottom cap and clean all seals (*Item #3*). Leave the 2" Victaulic Coupling installed, no need to remove (bottom clamp only).

**Step 5:** Remove the old Unidesign Element (*Item #6*). Be careful, Paint and Permeate will come out of the Element even if you drain it before.

**Step 6:** Eliminate the residual paint from the end caps and Victaulic clamps to make sure that they are completely clean.

**Step 7:** Carefully remove the new Unidesign Element from its storage bag.

**Step 8:** Replace the old "O"-rings on your top cap with the new "O"-ring supplied with your element and lubricate them with glycerin. A vial of glycerin is included with the shipment.

**Step 9:** Insert the Unidesign element into the bottom cap adjust the Victaulic seal in the middle between cap and element and close the Victaulic clamp completely.

**Step 10:** Carefully insert the top end cap connector into the permeate tube and tighten the bolts after putting the Victaulic seal in the right position.

**Step 11:** First close the 8" Victaulic clamp. Now, connect the 2" Victaulic Clamp of the top cap to the manifold.

**Step 12:** Return the flow meter/bypass assembly and tighten the union connections.

