POPS 8057 Installation Instruction

Tools Required:

❖ Power Impact Drill	❖ Drilling Bit, D6.5mm	❖ Tubing Cutter	❖ Hamm
❖ Wrench	❖ ¼” Nut driving Bit	❖ Marker	

Step 1: Check accessory in the standard 8057 installation kit:

Discription	No.	Qty.	Discription	No.	Qty.
❖ Foot Valve 	8185	2	❖ Tubing Stiffener 	8083	2
❖ Drilled Cap 	8011	2	❖ Clear Chemical Tubing 	8085	1
❖ Nylon Elbow Barb 	8013	1	❖ Hose Clamp 	8090	2
❖ 1/2” Water Intake Hose 	8089-O	1	❖ Metering Tip (21)pcs 	8039-POPS	1
❖ Tubing Tag Pack		1	❖ Screws/Anchors 	8023-5	1

(the items may varies from each customer ordered kit)

Step 2: install dispenser unit

- ❖ Determine an installation location; hold the unit against wall at the location and mark the (4) anchor points.
- ❖ Drill a ¼” hole at each marked locations, insert anchors and hammer them to the bottom.
- ❖ Align the key holes on the Unit back plate with anchors and tight up screw unit Screws.

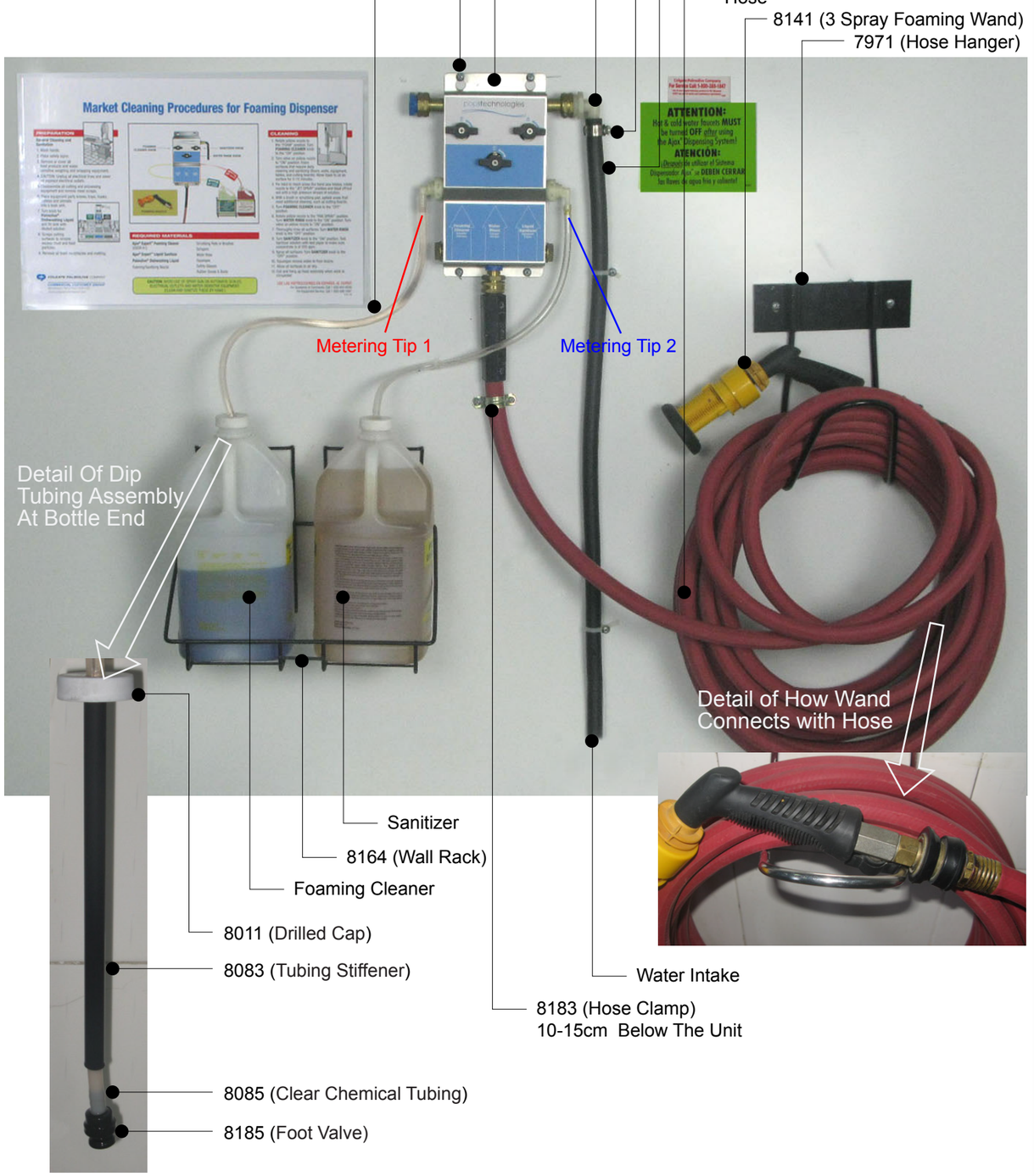
Step 3: Connect chemical line

- ❖ Insert a pre-determind metering tip on the chemical intake barb.
- ❖ Assembly the foot valve, tubing stiffener and drilled cap at one end of clear tubing.Tight the chemical tubing with nylon ties if necessary.
- ❖ The installation level of the chemical container must be lower than the dispensing unit at least 15 inchs.
- ❖ Drop the above assembly into the chemical container until the foot valve attached bottom of the chemical container. Tight up the drilled cap with container, Set the chemical container at the storage location or on a rack.
- ❖ Check the tubing line and make sure no extra turning, no sharp bent, no going up and down,cut the tubing at right length from metering tip end. Push the tubing end on metering tip barb.

Step 4: Connect water intake hose

- ❖ Hold the brass nut and turn nylon barb until tight.
- ❖ Push up the water intake hose, tight up the hose clamp.

All wall charts and wall racks are optional.
The way to connect with a city water line will be determined by customer.
Connecting adapter is available by the customer request.
The installation location maybe varies except particularly determined



Troubleshooting Chart:

Problem	Cause	Solution
❖ No concentrate draw	1. Clogged check valve 2. Metering tip or eductor clogged 3. Low water pressure 4. Clogged foot strainer 5. Concentrate container empty	1. Clean or replace 2. Clean (descale) or replace* 3. Minimum 25 PSI required to operate unit 4. Clean or replace 5. Replace with full container
❖ Excess concentrate draw	1. Metering tip not in place	1. Press correct tip firmly into barb on eductor
❖ Low or no water flow	1. Water inlet screen clogged 2. Supply source inadequate 3. Scale build-up on eductor or fittings	1. Clean inlet screen 2. 5 GPM inlet flow required. Move unit to adequate source or replumb incoming line 3. Clean or replace*
❖ Backflow into concentrate	1. Eductor check valve inoperable	1. Clean or replace check valve

* In hard water areas, scale may form inside the discharge end of the eductor, as well as in other areas of the unit that are exposed to water. This scale may be removed by soaking the eductor in a descaling solution (deliming solution). To remove an eductor located in the cabinet, firmly grasp water valve and unthread eductor. Replace in same manner. Alternatively, a scaled eductor can be cleaned (or kept from scaling) by drawing the descaling solution through the unit. Operate the unit with the suction tube in the descaling solution. Operate the unit until solution is drawn consistently, then flush the unit by drawing clear water through it for a minute. Replace concentrate container and put suction tube into concentrate.

Metering Tip Selection:

Note: All the data is tested with an ID 5/8" X 40' discharge hose and 8141
The final concentration of the dispensed solution is related to both the size of the metering tip opening and the viscosity of the liquid being siphoned. For water-thin products, the chart below can be used as a guideline. If product is noticeably thicker than water, actual dilution achieved can only be ascertained by measurement. Because dilution can vary with water temperature and pressure.

Water Thin Products (1 CPS)				Ratio/PSI (With Water Running)		
Num.	COLOR	Hole Size(inch)	Hole Size(mm)	60	40	25
1	No Tip			1-12	1-14	1-19
2	Black	0.0787	2.00	1-13	1-16	1-20
3	Light Yellow	0.0591	1.50	1-16	1-19	1-24
4	Dark Red	0.0512	1.30	1-20	1-22	1-28
5	White	0.0413	1.05	1-29	1-28	1-36
6	Blue	0.0394	1.00	1-32	1-32	1-39
7	Lime	0.0374	0.95	1-36	1-34	1-42
8	Tan	0.0354	0.90	1-41	1-37	1-48
9	Light Blue	0.0335	0.85	1-45	1-40	1-51
10	Dark Grey	0.0315	0.80	1-52	1-44	1-56
11	Dark Green	0.0295	0.75	1-58	1-51	1-62
12	Green	0.0276	0.70	1-70	1-60	1-71
13	Orange	0.0256	0.65	1-79	1-68	1-79
14	Brown	0.0236	0.60	1-91	1-79	1-95
15	Dark Blue	0.0217	0.55	1-110	1-97	1-110
16	Yellow	0.0197	0.50	1-156	1-131	1-143
17	Aqua	0.0177	0.45	1-180	1-160	1-170
18	Red	0.0157	0.40	1-246	1-220	1-230
19	Purple	0.0138	0.35	1-318	1-278	1-300
20	Light Grey	0.0118	0.30	1-426	1-368	1-379
21	Beige	0.0106	0.27	1-612	1-542	1-580
22	Pink	0.0098	0.25	1-801	1-685	1-730