DSP-7077

Package Should Contain:

1. Proportioner unit .
2. Discharge tube(s).
3. Hose hook --3.5 GPM eductor only.
4. Mounting hardware.
5. Water inlet hose.
6. Instruction sheet.

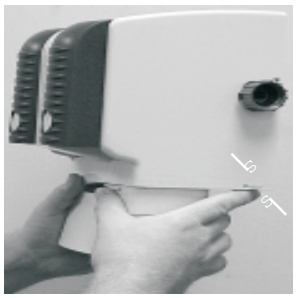
THANK YOU FOR YOUR INTEREST IN OUR PRODUCTS

Please use this equipment carefully and observe all warnings and cautions.

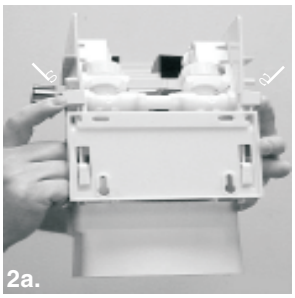
**********NOTE **********

WEAR	protective clothing and eyewear when dispensing chemicals or other materials.
ALWAYS	observe safety and handling instructions of the chemical manufacturers.
ALWAYS	direct discharge away from you or other persons or into approved containers.
ALWAYS	dispense cleaners and chemicals in accordance with manufacturer's instructions. Exercise **CAUTION** when maintaining your equipment.
KEEP	equipment clean to maintain proper operation.
WEAR	protective clothing and eyewear when working in the vicinity of all chemicals, filling or emptying equipment or changing metering tips.
ALWAYS	re-assemble equipment according to instruction procedures. Be sure all components are firmly screwed or latched into position.
ATTACH	only to tap water outlets (85 PSI maximum).
NOTE	If the unit is used to fill a sink or the discharge hose can be placed into a sink, the unit must be mounted so that the bottom of the cabinet is above the overflow rim of the sink.

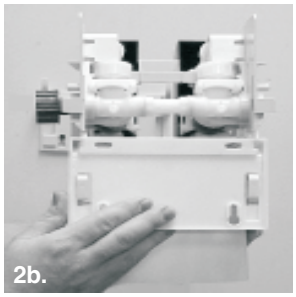
Installation & Operation:

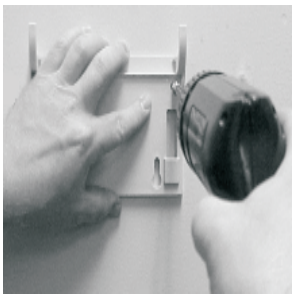


1. Remove cover by pressing tabs under cover.

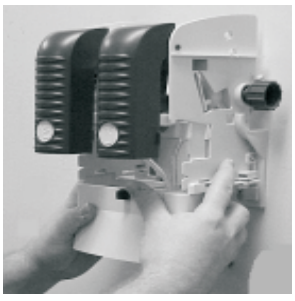


2a. Remove unit mounting bracket from back of dispenser by depressing the tabs.
2b. Slide bracket down.





3. Drill holes for four wall anchors with a 5/16" drill bit. Use the mounting bracket as a template for proper spacing of the mounting screws. Install anchors, and then screw into anchors.



4. Place dispenser on bracket.

5. Secure dispenser to bracket by sliding locking bar through back of unit. Replace cover.

6. Attach short discharge tube on 1 GPM (grey) eductor, then attach longer discharge tube on 3.5 GPM (yellow) eductor.

7. Place hose hook on end of 3.5 GPM discharge tube. Hang on dispenser when not in use.

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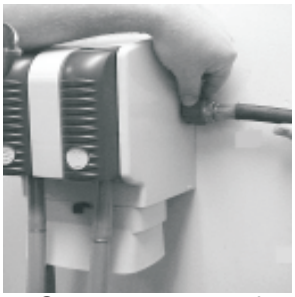
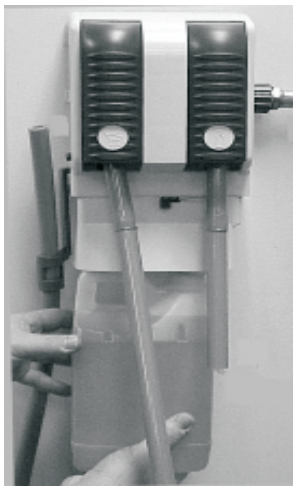
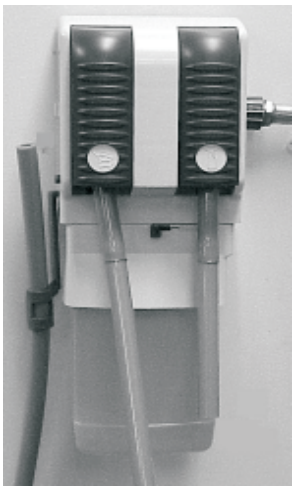
Installation & Operation Continued:

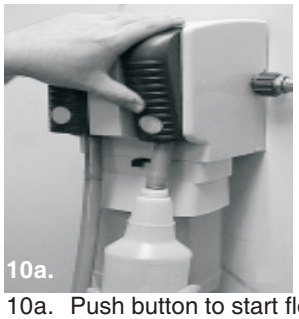


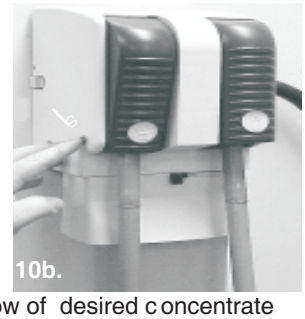
8. Connect water supply hose of at least 1/2" ID to water inlet swivel. Min. 25 PSI pressure is required for proper operation. Connect opposite end of hose to water supply.
   Turn water supply on.





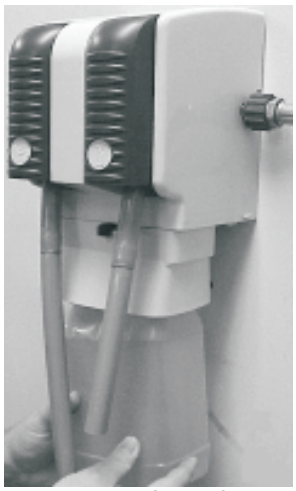
9. Insert product container into shroud until it locks into place.





10a. Push button to start flow of desired concentrate solution; release button to stop flow of solution.
To lock the High Flow button in the "on" position: press button until it "locks" into place.

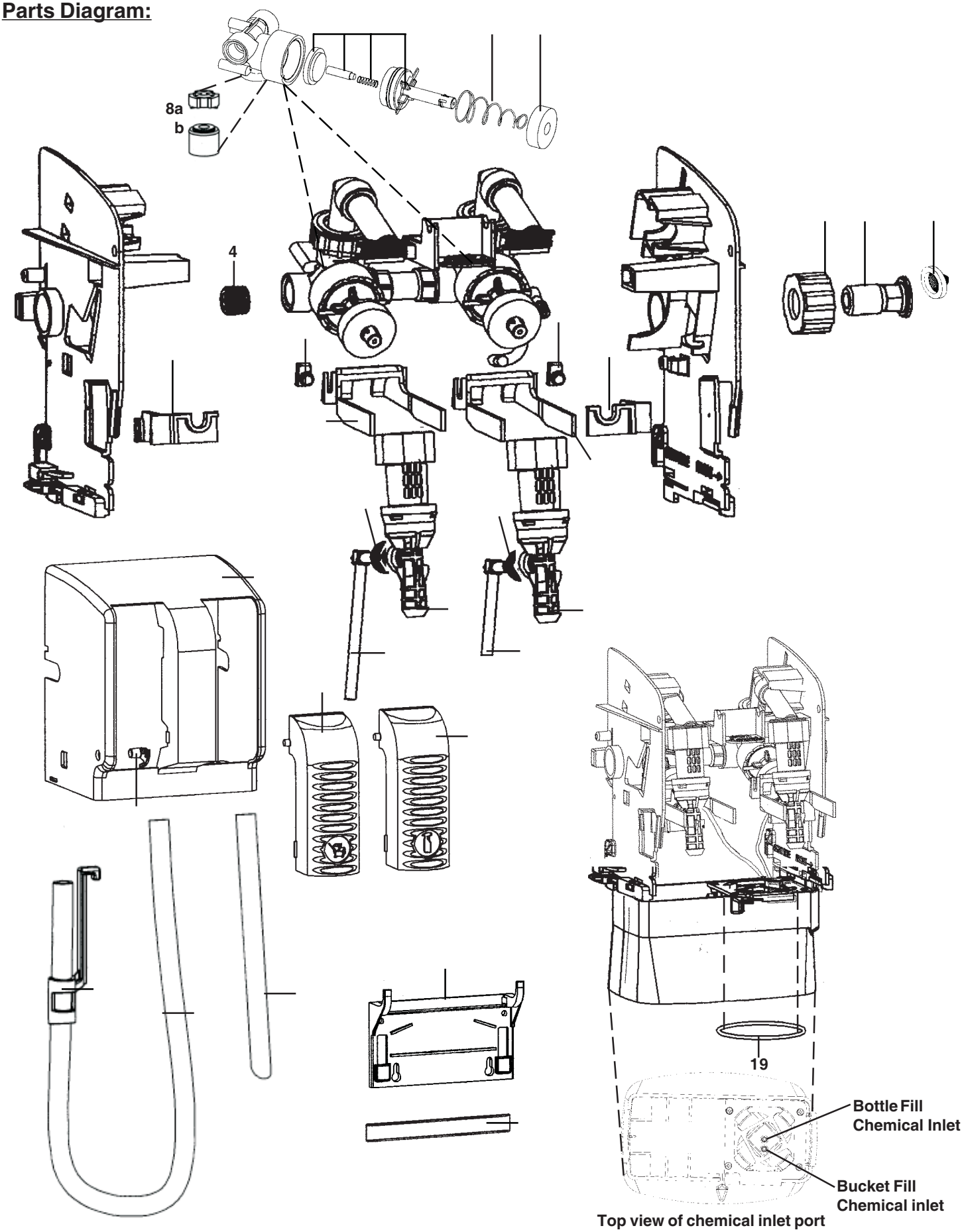
10b. **To unlock, press button release lever on left side of cabinet .**



11. To remove chemical concentrate container, place hand securely under the empty product, slide release lever to the right and pull concentrate container out.

Key	Part No.	Description
1	238100	Strainer washer
2	10082801	Swivel stem (molded)
3	10082830	Swivel collar (molded))
4	10075925	Pipe plug
5	10075980	Valve parts kit
		a. diaphragm
		b. armature
		c. spring
		d. valve bonnet
6	10079010	Spring
7	10079000	Magnet
8a	10084231	1.0 GPM flow control kit
b	10084232	3.5 GPM flow control kit
9a	10089941	Eductor lock left
b	10089937	Eductor lock right
10	10089938	Vent seal
11	10089983	Magnet pusher kit (*includes 9 & 10)
12a	290SMP	1.0 GPM eductor assembly
b	291SMP	3.5GPM eductor assembly
13	10089927	Hose barb*
	*Included in eductor assembly	
14 a	10089981	Tubing replacement kit (1.0 GPM)
b	10089982	Tubing replacement kit (3.5 GPM)
15 a	90081017	1.0 GPM discharge tube with flooding ring (10")
b	90080288	3.5 GPM discharge tube with flooding ring (6')
16	10080730	Hose hook, dark grey
17	10089923	Cabinet front
18 a	90082464	Button, Bottle
b	90082463	Button, Bucket
19	10089916	Bottle release ring
20	90082469	Locking button release
21	10089931	Mounting bracket
22	10089976	Locking bar
Not Shown:		
	10091920	Water inlet hose, 3/8" x 6'

Parts Diagram:



Top view of chemical inlet port

TROUBLESHOOTING CHART:

Problem	Cause	Solution
1. No discharge	a. No water b. Excessive water pressure c. Clogged water inlet strainer d. Magnetic valve not functioning	a. Open water supply b. Install regulator if flowing water pressure exceeds 85 PSI c. Disconnect inlet water line and clean strainer d. Install valve parts kit
2. No concentrate draw	a. Low water pressure b. Concentrate container empty c. Discharge tube and/or flooding ring not in place d. Clogged water inlet strainer	a. Minimum 25 PSI (with water running) required to operate unit properly b. Replace with full container c. Push tube firmly onto eductor discharge hose barb, or replace tube if it doesn't have a flooding ring d. Disconnect inlet water line and clean strainer
3. Foaming in discharge	a. Concentrate container malfunctioning b. Air leak in pick-up assembly c. Poor vent seal (#9 on parts diagram)	a. Replace with new concentrate container b. Replace pick up assembly with kit c. Replace vent seal
4. Failure of unit to turn off	a. Excessive water pressure b. Magnet doesn't fully return c. Water valve parts dirty or defective	a. Install regulator if pressure (with water flowing) exceeds 85 PSI b. Make sure magnet moves freely Replace spring if short or weak c. Clean or replace with valve parts kit

e.mix

DILUTION CONTROL SYSTEM

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