



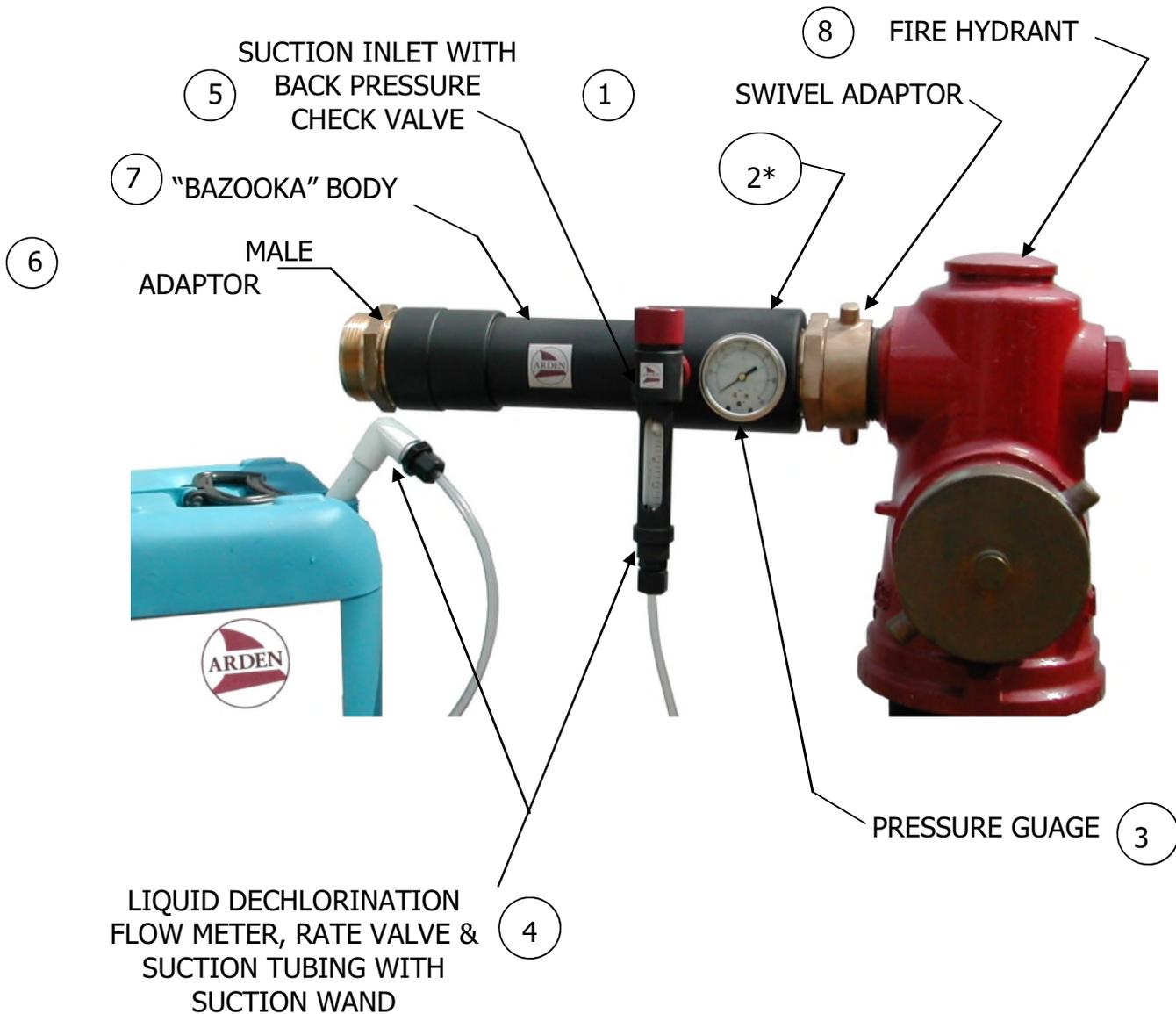
INDUSTRIES

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4 & 4-1/2" LIQUID DECHLORINATION BAZOOKA INSTALLATION



LIQUID DECHLORINATION
FLOW METER, RATE VALVE &
SUCTION TUBING WITH
SUCTION WAND

NOTE: 1. This is a typical installation for flushing through Fire Hydrants. Units can also be attached to 2-2 1/2" Risers from Water Mains for flushing super chlorinated water.

2. 2* Sample Valve, Inlet Water is located on the back side of the "Bazooka".

3. Other styles of Hydrant Fittings like quick disconnects are also available.



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LIQUID DECHLORINATION “BAZOOKA” OPERATING INSTRUCTIONS

1. Connect the Unit to the Fire Hydrant (8) or Flushing Riser via the Female Swivel Inlet - Item (1)
2. Insert Suction Wand - Item (4) into the Dechlorination Media Container.
3. Open Rate Valve - Item (4) approximately 1 turn.
4. Open Fire Hydrant or Riser Valve Slowly until the Liquid Dechlorination Solution flow is seen on the Flow Meter - Item (4) Then open the Fire Hydrant or Riser Valve to desired flow. The flow rate can be determined by reading the Pressure Gauge - Item (3) and then the Flow Chart.
5. Sample discharge of “Bazooka” for chlorine residual. Increase or decrease amount of Dechlorination Solution with Rate Valve - Item (4)
6. Sample of inlet water may be taken by opening the Sample Valve - Item (2)
7. Upon completion of flushing or dechlorination, immerse the suction wand in a clean bucket of water to prevent dechlor medium from building up inside wand.

CAUTIONS

1. Do not connect a Fire Hose smaller than the Outlet Fitting - Item (6)
2. Fire Hose should not be longer than 10 feet. If you do not achieve flow, remove the Bazooka from the Fire Hydrant or Riser, install the hose on the hydrant or riser, and install the Bazooka at the far end of the hose.
3. Do not connect any valve or device that will restrict the flow or cause excessive back pressure. Excessive back pressure could cause severe damage to the unit or to the operator.
4. Do not connect any device weighing more than five (5) pounds to Outlet Male Hose Coupler.
5. All valves have plastic valve seats and valve stems. Finger tight is all that is required.



4 & 4 1/2 " BAZOOKA
LIQUID DECHLORINATION
Flow Data & Feed Rate For
Calcium Thiosulfate-Sodium Bisulfite-Sodium
Thiosulfate & Sodium Metabisulfite

PRESSURE GUAGE READING	FLOW RATE IN GPM—3.00 " ORIFICE SIZE	CHEMICAL FEED RATE GPH FOR 1PPM CHLORINE RESIDUAL.
5	600	0.12
10	845	0.17
20	1195	0.24
30	1465	0.29
40	1690	0.34
50	1890	0.38
60	2070	0.41
70	2235	0.45
80	2390	0.48
90	2535	0.51
100	2675	0.54

Note: Above data is based upon approximate values and should be used as an initial starting point.
Test Chlorine levels and adjust rotometer to fine tune your treatment level.