



## LIQUID CHLORINATION “BAZOOKA” OPERATING INSTRUCTIONS

1. Connect the Unit to the Fire Hydrant <sup>(8)</sup> or Flushing Riser via the Female Swivel Inlet - Item <sup>(1)</sup>
2. Insert Suction Wand - Item <sup>(4)</sup> into the Chlorination Media Container.
3. Open Rate Valve - Item <sup>(4)</sup> approximately 1 turn.
4. Open Fire Hydrant or Riser Valve Slowly until the Liquid Chlorination Solution flow is seen on the Flow Meter - Item <sup>(4)</sup> Then open the Fire Hydrant or Riser Valve to desired flow. The flow rate can be determined by reading the Pressure Gauge - Item <sup>(3)</sup> and then the Flow Chart.
5. Sample discharge of “Bazooka” for chlorine residual. Increase or decrease amount of Chlorination Solution with Rate Valve - Item <sup>(4)</sup>
6. Sample of inlet water may be taken by opening the Sample Valve - Item <sup>(2)</sup>

### CAUTIONS

1. Do not connect a Fire Hose smaller than the Outlet Fitting - Item <sup>(6)</sup>
2. Fire Hose should not be longer than 10 feet.
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.



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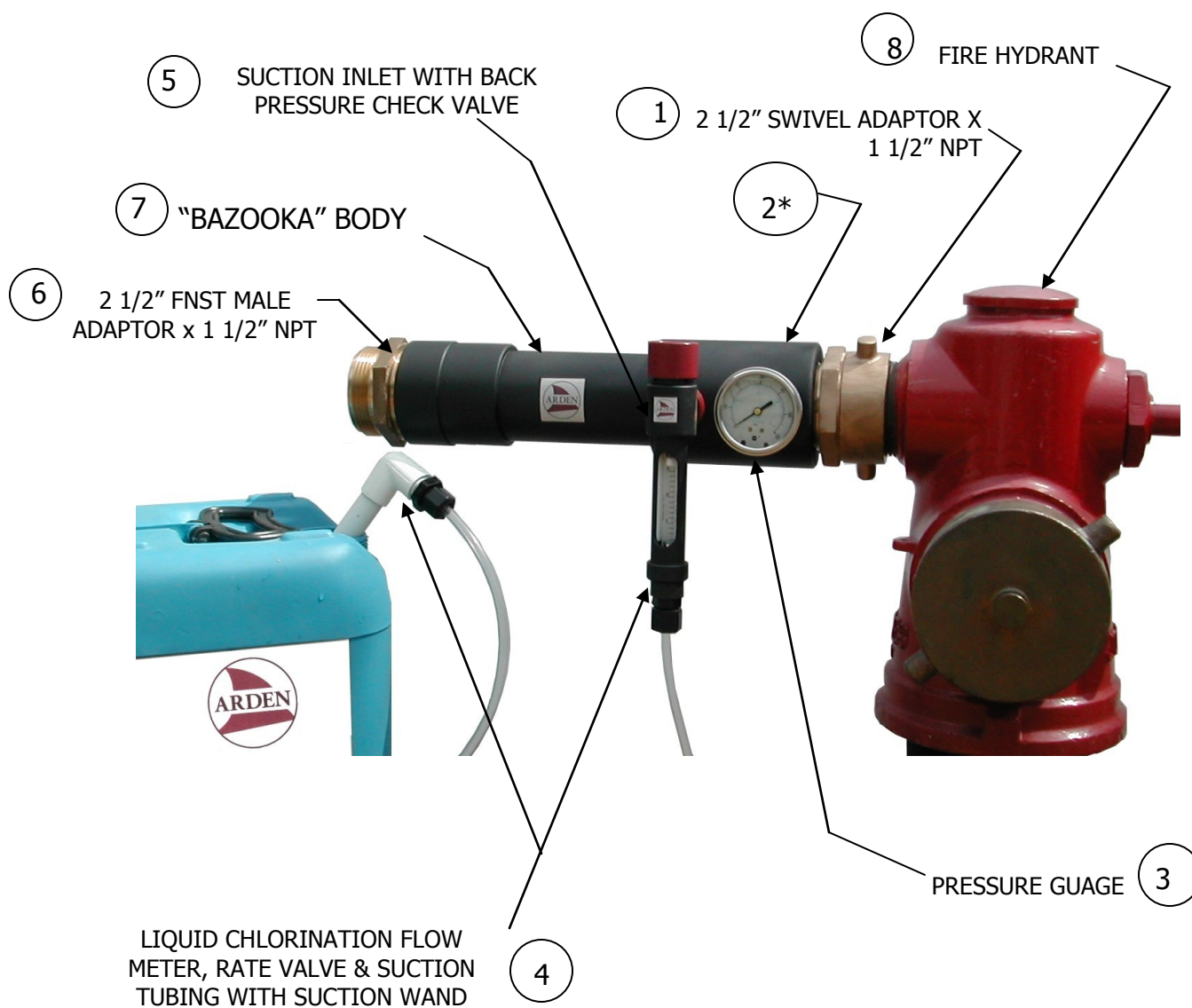
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## 1 or 1 1/2" LIQUID CHLORINATION BAZOOKA INSTALLATION



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

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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**1 1/2 " BAZOOKA**  
**LIQUID CHLORINATION**  
**Flow Data & Feed Rate For**  
**Liquid Chlorine containing 12%**  
**Sodium Hypochlorite**

PRESSURE GUAGE READING	FLOW RATE IN GPM—1.00 " ORIFICE SIZE	CHEMICAL FEED RATE GPH FOR 1PPM CHLORINE RESIDUAL.
5	66	0.05
10	94	0.07
15	115	0.08
20	133	0.09
25	150	0.11
30	162	0.12
35	175	0.13
40	188	0.14
45	200	0.15
50	210	0.15
55	220	0.16
60	230	0.17
65	240	0.18
70	248	0.18
75	265	0.19
80	274	0.2
85	282	0.21
90	290	0.21
95	297	0.22
100	314	0.23

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.

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**2 1/2 " BAZOOKA**  
**LIQUID CHLORINATION**  
**Flow Data & Feed Rate For**  
**Liquid Chlorine containing 12%**  
**Sodium Hypochlorite**

PRESSURE GUAGE READING	FLOW RATE IN GPM—1.625 " ORIFICE SIZE	CHEMICAL FEED RATE GPH FOR 1PPM CHLORINE RESIDUAL.
5	200	0.04
10	250	0.05
15	300	0.06
20	350	0.07
25	375	0.08
30	450	0.09
35	475	0.1
40	500	0.1
45	525	0.11
50	550	0.11
55	575	0.12
60	600	0.12
65	635	0.13
70	660	0.13
75	680	0.14
80	700	0.14
85	720	0.14
90	745	0.15
95	765	0.15
100	785	0.15

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.