

# VITA-D-CHLOR™

## BAZOOKA 2½" TABLET DEVICE & VITA-D-CHLOR™ TABLETS



**BAZOOKA**  
Tablet System

### DECHLORINATION PROCEDURE

This is a guideline for using Vita-D-Chlor™ Tablets with the Bazooka (Tablet) to dechlorinate water.

#### General Information:

**Vita-D-Chlor™ Tablets** are the only dechlorination tablets that utilize Vitamin C chemistry. They are 100% organic and contain no ingredients that could be toxic to fish or other aquatic life.

The Bazooka is a tablet device based on a water flow and solubility design that allows the tablets to dissolve as water passes through the device and is metered into the flow stream.

#### Procedure:

1. Determine that the chlorine level of the water is **3 ppm** or less.
2. Place **1 Vita-D-Chlor Tablet** in the tablet chamber.

**NOTE:** This chart is good for water flow between 200 – 800 gpm.

*Bazookas come with a variety of rotameters and may not all have the specific settings listed*

IF . . . flow rate is	and . . . pressure guage reads . . .	then . . . set rotameter to . . .
200 – 300 gpm	5 - 15	0.2 gpm
301 – 450 gpm	16 - 30	0.4 gpm
451 – 575 gpm	31 - 55	0.8 gpm
576 – 700 gpm	56 - 80	1.0 gpm
701 – 800 gpm	81 - 100	1.2 gpm

3. Attach Bazooka to the water system discharge valve per manufacturer's instructions.
4. Set rotameter to the setting as shown in the table above.
5. Open water system discharge valve to begin flow of water through the Bazooka.
6. Test water flow leaving the Bazooka for chlorine residual. If you are achieving a zero chlorine level you may be able to decrease the feed rate of the Vita-D-Chlor solution. If you are not achieving the zero level you will have to increase the reading on the rotameter or add additional Vita-D-Chlor Tablets to the tablet chamber.

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### Testing:

Regular testing should be done during the flushing process. It is best to pull a "representative sample" from the flow stream. This can be done with the use of a 2 cup or larger household measuring cup through the flow stream. A sample can then be safely and easily drawn from that water for testing. Keep in mind that tablet dechlorination starts out stronger and progressively gets weaker as the tablets dissolve so periodic tests should be performed during the dechlorination process.

### General Operation:

If you TURN control valve toward 0, you will decrease flow of feed solution and increase the amount of time between solution batch mixing. HOWEVER, you might not be adding enough feed solution to dechlorinate the water.

If you TURN control valve toward full open, you will increase the flow of feed solution and decrease the amount of time between solution batch mixing. HOWEVER, you might be using too much VDC mix and overdosing the discharge water.

If you INCREASE the VDC mix amount, you will be able to decrease the feed solution flow and increase the amount of time between solution batch mixing.

If you DECREASE the VDC mix amount, you have to increase the feed solution flow and decrease the amount of time between solution batch mixing.

All presented calculations are a general starting point. Accurate dosing can only be achieved with regular testing and proper adjustments for your specific situation.

### Note:

Dechlorinating water being released to the environment can have wide ranging effects. Therefore it is very important to use the safest chemistry possible in this operation. Over-dechlorination with harmful chemicals can be more toxic to aquatic life and the environment than the chlorine itself. **Vita-D-Chlor™**, however, has been proven effective as a dechlorinating agent, an environment-friendly natural product, and essential to healthy fish and aquatic life. For this reason municipalities nationwide are setting up their field dechlorination programs using **Vita-D-Chlor™** exclusively.

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