

VITA-D-CHLOR™

DECHLOR DEMON 2½” TABLET DEVICE & VITA-D-CHLOR™ TABLETS



Performance Data

Chlorine Levels

0–50 ppm

Flush Rate

150–900 gpm

Setup Time

2–7 mins.

DECHLORINATION PROCEDURE

This is a guideline for using Vita-D-Chlor™ Tablets with the Dechlor Demon 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 Dechlor Demon 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 **10 ppm** or less.
2. Insert **4** Vita-D-Chlor Tablets into the tablet tank.
3. Attach and set-up the Dechlor Demon to the water system discharge valve per manufacturer's instructions.
4. Open both the intake and outlet ball valves completely.
5. Open water system discharge valve to begin flow of water through the Dechlor Demon.
6. Test water flow leaving Dechlor Demon 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 by slowly closing the inlet valve until proper dechlorination is achieved. If you are not achieving the zero level you may have to increase the number of Vita-D-Chlor Tablets in the tablet chamber, or allow them to soak in the tank a little while before restarting the dechlorination process.

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.

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General Operation:

If you TURN the rotameter toward 0, you will decrease flow of feed solution and increase the amount of time between adding additional tablets. HOWEVER, you might not be adding enough VDC to dechlorinate the water.

If you TURN the rotameter toward full open, you will increase the flow of feed solution and decrease the amount of time between adding additional tablets. It may be possible to treat higher levels of chlorine this way. HOWEVER, you might be using too much VDC and overdosing the discharge water.

If you INCREASE the number of VDC tablets, you will be able to decrease the feed solution flow and decrease the amount of time between adding additional tablets. It may be possible to treat higher levels of chlorine this way. HOWEVER, caution should be taken to not use excess VDC and overdose the discharge water.

If you DECREASE the number of VDC tablets, you have to increase the feed solution flow and increase the amount of time between adding additional VDC tablets.

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 a nutrient to 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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