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Hey all, thanks in advance for any advice on this issue, it's driving me nuts, eating up my weekend, and making my wife irritable as she can't get in the pool! I noticed yesterday that our Pentair 320 was not taking in water, and thus no stabilized chlorine was making its way into our pool. This is probably what caused algae to show up in our pool when we opened it after a week of no use! I fixed the "no-water" issue this morning by cleaning the screen at the bottom of the tower, as well as removing the control valve and spraying it down. Once I reattached everything and turned the pump on with the chlorinator lid off, the tower filled with water just above the last puck, and I reattached the lid. However, even with the control valve on 5 (max setting), there seems to be no water flow out of the pump - the water just appears to remain in the tower without dispersing. Moving the valve from 5 to 0 and back doesn't appear to cause any water to move within the tower. Filter PSI is at 17, slightly high but I wouldn't think high enough to cause an issue with chlorinator flow. Any thoughts on what might be causing this issue? Are there any tests I can do to identify the problem (or that there even is a problem)? I've read that a failed check valve can cause issues, but not sure how to test for that. Thanks! Take a sample of pool water right in front of the return. Test it for chlorine. Thanks, I thought of that, but my wife shocked the pool this morning so a sample from the return could be a false positive at this point, and I want to fix this ASAP so we don't get another bloom - it just took us a week to clear up the pool from algae. I'm thinking that since the tower is filling with water even with the cap on, air might be escaping from the top preventing a buildup of enough air pressure to push the water out of the tower to the return. Going to check the gasket now. Took out the O-Ring and re-situated it in the cap. Re-attached the cap, and now air seems to be staying in the tower instead of escaping, and the water (covering about one and a half pucks) does seem to be agitating a bit. If that was the entire problem, I guess lesson learned, look for the small issues first There is another hole for the valve towards the top of the tower. You need to screw the valve in there and get a longer hose to connect to the other tap if you use 3" pucks and flow is unsatisfactory. The lower hole is for 1" pucks. The manual explains this. I have no idea why they ship it that way. You'd think they would give you a long enough hose to do the top, and let you cut down to use the bottom. Also look inside the big hole the tower screws into. If there is a soft rubber flow reducer, and your pool is over a certain size, it needs to be removed. My idiot PB made both these mistakes. [EDIT: I looked on-line. The newer manual does not talk about the flow reducer, so I guess that changed since 2004. But look anyway, if yours is an older unit.] Of course, if you hang around this forum long enough, you'll stop using the silly thing altogether, as I did. It's been in the basement since 2006. Continuous use of pucks will drive your CYA level up and eventually you will get algae whether it works or not. Leslie's sells the longer hose: is the Installation Manual: Thanks for the very helpful reply Durk. I just "inherited" this pool setup from the previous owners, and I'm sure they likewise inherited it, so no idea who installed it this way. My first summer with the pool, so still learning a lot. I will pick up the longer hose, maybe that will be a small project for next weekend. As far as continuing to use the existing chlorinator, a SWG would be ideal but there are other, more important projects to be done/spent on for now. Maybe an SWG will come for Christmas We had our pool installed last year which included the Pentair Intelliflo Variable Speed Pump, large DE Filter, and the Pentair 320. It seems like I'm never able to get a lot of chlorine from the chlorinator even when it is turned on the highest setting. I'm considering switching the feeding tube to the top hole but wanted to hear if anyone else has had the same problem. I tend to run my pump at about 2250 RPM and getting around 12-15 psi at the filter gauge. We have a 23k gallon pool and I'm running pump about 9 hours a day. Seems like the chlorinator is going through about 1 3 inch tablet a week which doesn't seem like much when turned to the highest setting. Any help is greatly appreciated. Make sure the outlet hole on bottom ( inside of tube ) is clear. It tends to get clogged from puck when it dissolves. I'll spare you the sermon on using pucks, but you should read the "ABC's of pool chemistry". Now for the feeder issue. The feeder dissolves the tablets by running water across them as the pump runs. The greater the flow, the more the tablet(s) get dissolved. What speed(s) are you running the pump? How long are you running the pump on higher speed? How long are you running the pump on lower speed? If you're running the pump on low speed most of the time then moving the flow tube to the top should help by causing more water to flow across the tablets and therefore dissolving the tablets faster. I used to own one of those (long ago retired). As I recollect, top feed is recommended for 3" pucks and the bottom feed for 1" tabs. Also, there is a flexible flow reducer that is sometimes installed in the inside hole. You may want to remove that if it's there. The Pentair 320 model chlorinator is an in-line device used to inject chlorine into the water of a swimming pool. It is installed in the "return" line of your pool's filter plumbing, connected to the return pipe with a simple tee fitting. In this type of chlorinator, chlorine tablets are placed directly into the canister and are dissolved by the pool water as it flows through the chlorinator. All chlorinators require regular maintenance and troubleshooting in order to operate at full capacity. To maintain the Pentair 320 chlorinator and others similar in design, the screen at the bottom of the device is cleaned, the check valve is examined for proper flow, and the body is bled of air. TongsGarden hoseRubber gloves Perform this simple trouble-shooting and maintenance routine monthly to prevent problems. Remove the chlorinator's lid. Grasp any tablets still in the chlorinator with tongs and remove them. Wearing rubber gloves or using tongs, reach down into the chlorinator to retrieve the black screen resting at the bottom of the chlorinator. Wear gloves if you have to remove the chlorine tablets from the chlorinator by hand. Wash the screen with water to rinse off any debris caught in the screen. To reinstall, apply downward pressure on the screen as it sits inside the chlorinator until you hear it snap into place. Inspect the check valve. Unscrew the small check valve assembly connected to the base of the chlorinator body. Pull the black hose off of the check valve assembly to free it completely. Shake the valve assembly and listen for a clicking noise. A clicking noise at every shake indicates the valve is clean and water is able to flow through it freely. No noise indicates the valve is either clogged or broken and should be replaced or sprayed with a water hose to dislodge any debris stuck in the valve. Reconnect the hose to the valve and screw the valve back into the chlorinator. Reassemble the chlorinator: With the lid of the chlorinator removed, turn on the pump so that water begins to fill the chlorinator body. When water begins to flow over the top, screw the lid back on. This purges air from the chlorinator lines and eliminates the risk of the system becoming vapor-locked. Pool Plaza: Chlorine Feeders Reddit and its partners use cookies and similar technologies to provide you with a better experience. By accepting all cookies, you agree to our use of cookies to deliver and maintain our services and site, improve the quality of Reddit, personalize Reddit content and advertising, and measure the effectiveness of advertising. By rejecting non-essential cookies, Reddit may still use certain cookies to ensure the proper functionality of our platform. For more information, please see our Cookie Notice and our Privacy Policy.

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