

Questions Most Asked

Over the past year I have been asked a set of questions that seem to be repeating themselves, so I thought I would answer them for you ahead of time. So here they are in advance, with answers that you can sink your teeth into.

Q: We have a pond that seems to do well, except that we have to constantly get in the pond and clean the filter pads. It's messy, takes too long, has to be done at least three times a week, and is the one thing that we hate about our pond.

A: The Aquadyne system came into existence because I was tired of the same chore. I first purchased a bubble bead filter system, and it worked so well that I became a dealer for bubble bead. Soon after, my bubble bead clogged, and boy what a nightmare to unclog! My first reaction was, man, what will ever happen if all those people I sold a bubble bead system to start having the same problem. Well, never admit the obvious out loud, because ever since I developed the Aquadyne to solve the pesky clogging of the bubble bead systems, I have, out of ethical obligation to my customers, offered to replace every one of the bubble bead filters with an Aquadyne system at no net cost to the customer. (Do you know anyone who wants an old bubble bead filter for a quarantine tank, "really cheap", because that is all the smaller systems are good for. I have all those trade ins that I can't hardly give away.)

Q: We have clear water, but the fish swimming around the bottom, keep sediment particles floating around in the pond which cloud the water and never seem to go away.

A: One of the wonderful benefits of the Aquadyne systems is that they will remove all of those micro-fine particles from your pond water. After your Aquadyne filter cycles (when the beneficial bacteria is established), the bacteria creates a thin bacterial colony on each and every one of the thousands of beads. This bacteria is Nitrosomonas and Nitrobacter, which consumes the Ammonia and Nitrite waste that your fish produce. These bacteria also serve another purpose as well. If you have ever seen a Sea Anemone, they have small finger like fronds that extend out to grab particles of food from the ocean. In much the same way by comparison, the bacteria will trap the very fine particles that are floating around in your pond and cause the particles to stick to the bacteria coated beads, where it stays until you backwash it off.

Q: How often do you have to clean the Aquadyne system?

A: The Aquadyne system should typically be backwashed about once per week. If you have a heavy fish load in your pond, you may need to backwash twice weekly. Either way, the typical backwash cycle takes less than five minutes, and you never get your hands wet.

Q: Can you over backwash the Aquadyne system?

A: Yes you can. The aquadyne system needs to be backwashed as little as possible for it to function properly, yet you don't want to wait weeks between washings. If you backwash the system too often, you can cause excessive damage to the bacterial colonies that are growing on the beads. During a backwash the beads rub together as they release the dirt and debris that they have trapped on their surfaces. If you backwash too often, the dirt and debris will not have a chance to thicken on the beads surface for optimal filtering. Also, if the filter is left in the backwash position for longer than is necessary to discharge the waste products, the rolling of the beads that is going on inside the filter can actually kill or severely stunt the bacterias effectiveness to