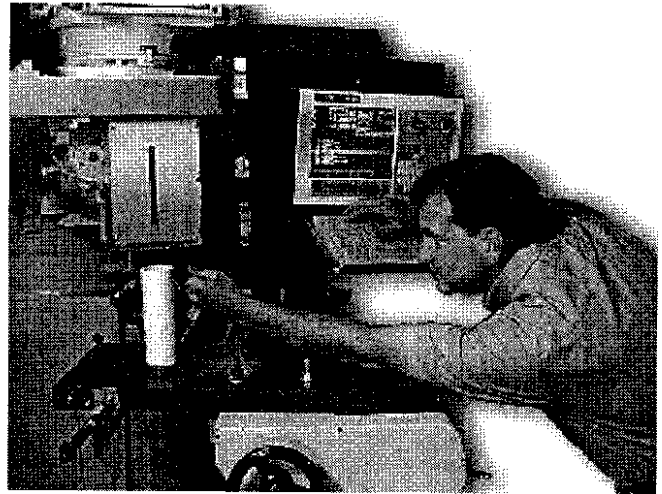


By using upflow, the media is in the top of the filter rather than in the bottom. Water is first released into the bottom of the filter, and allowed to flow up through the media **against** gravity. Gravity holds the heavier solid waste in the sediment settling area in the bottom of the filter tank for instant removal once the sludge drain valve is actuated. This design further keeps the filter from clogging because the bulk of the waste never gets caught in the media at all. Only the finer particulate waste produced by the pond environment gets caught up in the media itself. From a mechanical standpoint the greatest feature of our inverted media design is that when you backwash the force of the water pressure unloads the compacted state of the beads and opens the free spaces between the media to release the trapped fine sediment particles. **But unlike** conventional down flow filters, gravity works in our favor by allowing all of the sediment to fall **by gravity** into the settling area of the tank to be discharged to the waste line by either the backwash waste or the sludge drain. By using the inverted media, and locating a sludge drain in the bottom of all our filter models, gravity does not have an opportunity to cause any sludge or other waste to be held inside. As a bonus, the Aquadyne offers as part of its control head, a **complete rinse** cycle. No other bead filter on the market today offers this function as an integrated standard feature. By using the **RINSE** cycle, you will rinse all of the micro-fine particles from the top of the bead media as it compacts itself back into its normal filter state. **Most other** bead type systems dump a "**brown dirt cloud**" back into the pond after their so called "cleaning" cycle, which the filter is supposed to take back out of the water in a few hours. Wait a minute, the dirt cloud is going where? Right back into the filter! Remember, sludge (fish waste) and debris is a breeding ground for pond parasites, especially when the debris builds up for extended periods of time, bad forms of bacteria begin to form such as Pseudomonads, as well as fungi such as Branchiomyces, both of which can be lethal. And unlike brush and pad type filters, the Aquadyne system removes all waste from the filter each time you backwash. With pad and brush type filters, the sludge is held in the brushes and pads for long periods of time unless you muck around and clean your pads constantly, which is what most people want to avoid in the first place.



At Aquadyne, we employ the latest advancements in automated manufacturing processes. Our business volume has dictated that we invest in the most advanced machinery available in order to produce well over 1000 Aquadyne systems every year. The days of hand manufacturing have long since past, yet we still remember the first Aquadyne system ever sold to a local Atlanta resident, who is to this day completely satisfied.

Available from: Aquadynamite.com
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In stock at the best price now!