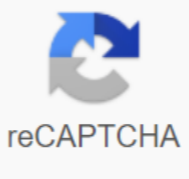




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Diatom filters for aquariums

That Pet Place by That Fish Place - That Pet Place2/23/2018 3:34 pm Diatom Aquarium Filters are special filters, designed for extremely fine mechanical filtration, or water polishing. These special filters are not recommended for long-term and everyday use. These filters get their name from the diatom soil dust used inside. The powder is very fine, and loaded into the filter to create a very small pore size in the filtration system to trap the smallest particles in the water. Diatomea filters are excellent for polishing aquarium water after cleaning and water changes. Interested in other types of aquarium filters? Check it out here. Diatom filters are used in the aquarium's love primarily to polish water to near-perfect clarity, and are second to none to filter out smaller and even parasitic waste from the aquarium which in turn leads to healthier fish. The use of these filters has also increased the variety of fish that some of the large public aquariums can now keep on display. How many of us have at some point been plagued by green algae and need to find an efficient way to eradicate it, so these certainly do the job. So what a diatomea is and how filters work Diatoms are basically a single cellular organism that feeds on silicates in water that they use to create a cell wall of protective silica hydrous. When the diatoms die they leave a shell that is full of pores di minutes, (some of the pores are as small as 3 microns), but within the larger pores there is a second smaller pore (approximately 0.5 microns). This effectively means that the mass of the diatomea is formed mainly from empty spaces, ready to trap smaller organisms. Empty shells then accumulate at the bottom, forming a sediment that is known by a couple of names, either diatomite or diatom soil. Because of these tiny pores they could be classified as microscopic biological balls, hence the great filtration power of them to collect the tiny remains. A word of warning, however, if the land management of diatoms does not inhale it, as it can cause lung problems as it will stay in the areolas-is that fine. A dust mask is a must when replacing or cleaning the soil. These filters are commonly used in the beer industry and even in some public water purification systems; sometimes they are also used in pool filters. Most filters on the market work in the vortex system where water is pumped into a chamber that is filled with the earth, keeping it in solution to maximize the surface of the medium in contact with water, and a fine carbon is normally together to catch any toxin that is released when debris, etc. leaks. As the diatoms are so thin, I would recommend that a prefilter be added before the diatomea filter to remove the largest waste from the water. The reason for this is that they can soon become clogged and have to be cleaned on a regular basis. Continued of these is not advisable due to the obstruction and most aquarists will only run them from time to time to polish the water, probably once a week for each tank. These filters are so efficient that they not only remove suspended algae from water, thus excellent water clarity, but will also eliminate bacteria and are ideal for removing parasites that are free swimming. They obviously can't eliminate fish-attached parasites, but they can help fish heal quickly from cuts and abrasions due to reduced number of bacteria. White spotting is a tremendous problem for many fish rangers, who try to fight it with medications, but this method can have its drawbacks, it could affect other creatures in their tank. Carrying a diatomea filter will drastically reduce the parasite population, close enough to eradication, which will give fish a better chance of fighting for a good recovery. I have used one of these myself in the past and found that running it for three to four hours on a day of the week certainly made a difference for my tank. I got into the habit of rinsing the earth after each use so that I was always there ready to light up as needed. When these first came out, the diatomea was a very fine, dry powder that was quite dangerous to use if proper safety protection was not used, but today the media are cushioned to try to reduce the risk of dust. In its raw state diatom soil is a very light and porous rock, but when powdered it may have some abrasive qualities so it is even used in toothpaste and some polishing creams, it is even used to make cat waste due to the amount of moisture it can absorb. I thoroughly recommend using these and surprisingly not many fish keepers have heard of them, no matter seeing one. Browsing the Internet should provide you with a list of reputable providers of these filters; they're worth every penny they cost. Hopefully this article will have convinced you to at least look at the benefits of running one, as it is the only way you will really see the difference they make in the aquarium. Online providers if any of the links below do not work, please let us know via the form at the bottom of this page! aquariumguys.com aquatichouse.com diatomfilter.com thatpetplace.com Home > Diatom Filters One of the secrets of the company's success is what happens behind the doors of this relatively small company. A finely adjusted operating network at the factory allows customers around the world to be satisfied with Vortex Diatom Filter products and services. The diatomea filter can be used in freshwater and saltwater aquariums. BEAT PROMISEENFIND A BEST OFFER FROM AN AUTHORIZED SELLER AND ITS IN STOCK. 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