

Sent: Friday, July 18, 2008 4:55 PM

Subject: FORUM Q & A: WHAT IS A D.E. [DIATOMACEOUS EARTH] FILTER ?

Dear Aquathin Dealer OnLine;

Recently I've been asked about DE [diatomaceous earth] filters used in filtration of lake and pond water, also used in swimming pool filtration.

A DE filter is a pressure type filter using a medium made from diatoms. Diatoms are a type of algae commonly found in fresh water and marine environments. There are thousands of species which are characterized by a cell wall composed of polymerized silica...meaning the exoskeleton of these little guys is kindasorta like fine sand and resembles a white powder. DE can be placed in back washable tanks like our MegaChar BFF-3 GAC, AG, Silica filters...or allowed to form a type of slurry that uniformly coats fine mesh material discs, which is the type used for swimming pools. DE filters were very common many years ago to obtain filtration efficiencies to 5-10um...and today, used in rural applications and 3rd world regions because the low cost and low maintenance.

I LOVE MY AQUATHIN ! AND REMEMBER, THE NEXT BEST THING TO OWNING AN AQUATHIN IS RECOMMENDING ONE TO A FRIEND !!

Let me know what you AquathinK !

Warmest regards to all...as well, your comments are always welcome and very much appreciated.

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Alfred J. Lipshultz, President

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