

CONVERTING A SAND FILTER TO AN XTREME BIO FILTER

Sand filter works great for a swimming pool, but when use a sand filter for a fish or koi pond, there are many issues:

1. Dirt, fish waste, and especially green floating algae will immediately clog the top 2 inch of the sand bed, and water is forced to form channels to pass through the sand bed, render the filtering ineffective and rapid flow reduction.
2. Backwash of a sand filter is often as once a day, sometimes more, to just keep the water circulates.
3. Tremendous pressure increase across the sand bed, therefore, bigger, more horsepower pump is used to push the water through which in turn consumes more electric.
4. Has little mechanical filtration value, and has no biological filtration. Because the channeling problems, the sand bed is always under anaerobic condition which does not allow beneficial bacteria to grow.
5. Pond owner spends more time and energy to clean a sand filter and maintain a fish pond than enjoying it.

Converting a sand filter to an Xtreme Bio Filter has many benefits:

1. Xtreme bio media patented design offers ridges on outer wall protect beneficial bacteria on the surface during backwash. Ridges on the inner wall provide exceptional surface area for bacteria colonization. The hollow tubular design allows water flow through, and more storage space for dirt, etc... Xtreme Bio Media provides about 870 square feet per cubic foot of media. Each cubic foot of Xtreme Bio Media can process approximately 80 pounds of fish by weight.
2. Higher flow rate through the media bed and it stores more dirt than a sand filter. No channeling problems. Little or no anaerobic condition within the media bed.
3. Under normal conditions, backwash the filter is recommended once a month, and it takes less than 5 minutes.
4. Smaller pump, less electric when used with an Xtreme Bio Filter and yet more flow. Save energy!
5. Xtreme Bio Filter is a pressurized bio and mechanical filter. It takes a small foot print, easy to install and run

6. Xtreme Bio Filter requires no blower for backwash. Internal jets, with cyclonic cleaning action, unpack the media bed and flush dirt out of the filter. Save even more energy!

7. Pond owner spends less time and energy on cleaning the filter, maintenance the pond and spends more time enjoying the pond.

Xtreme Refit Kit includes: proper amount of Xtreme Bio Media, and a diffuser/equalizer assembly per size of the filter. Refit Kits are available for top mount filters only with 8 inch opening. More details, visit www.seagatefilters.com or call 703-627-7504.