



Buck's Landscape Materials and Pond Shop • 2600 Taft Hwy • Bakersfield, CA 93313
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Why UV?



UV (ultra violet) filtration is a type of mechanical filter used by many pond owners who are serious about raising koi or goldfish. But not only is it beneficial for raising fish, this type of filtration offers other benefits that can be useful to any pond owner. Benefits such as clear water, protection from harmful bacteria and parasites, and easier maintenance.

To understand the benefits of a UV filter you must first understand how it works. An ultra violet light emits a germicidal ray that basically destroys the genetic make up of most organisms that are exposed to the light. As the water passes through the tube that houses the light, those organisms in the water that are exposed to the light, such as bacteria, parasites, and algae spores, are zapped and eventually die (thus the clear water). If the bulb is strong enough and the water is slow enough, then the filter can eliminate practically every living thing in the water and that is when the filter goes from

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being a water clarifier to being a water sterilizer.

Although there are many benefits to having a UV filter, there are some negative points that you must consider before installing one in your own pond. An ultra violet filter does not discriminate about what it kills. This includes beneficial bacteria. Beneficial bacteria is important in any living pond to create a healthy “balanced” environment. Although there is beneficial bacteria growing on the rocks, plants, and filter media in your pond, if it becomes free floating and is exposed to the light it will be destroyed. When the beneficial bacteria is eliminated the pond relies upon this mechanical filter to stay clear. The bulb’s intensity tends to diminish over time and the life expectancy on the standard UV bulb is about one year. The average cost for most UV bulbs is anywhere between \$40–\$90.

For more information on ultra violet filters, or to find out how to install one on your pond, give us a call. (661) 836-3825

Got A Green Thumb?

Then join the Green Thumb Garden Club. Be part of an organization that promotes an interest in gardening, floral and landscape design, youth education, conservation, and civic beautification. It's a great opportunity to expand your horticultural knowledge with other green garden lovers. The club meets every third Saturday of each month at Church of the Brethren on 327 A Street. For more information go to www.bakersfieldgreenthumb.org



Calendar of Events

- June 13** Bakersfield Koi Club and Water Garden Society Meeting (at Bucks)
For more info call Michael at: (661) 549-9995
- June 20** Green Thumb Garden Club Meeting
For more info call Joyce at: (661) 393-3657
- June 20** PondFest at Bucks
Saturday 8:00am
For more info call (661) 836-3825

Fun Facts

- One acre of forest absorbs six tons of carbon dioxide and puts out four tons of oxygen. This is enough to meet the annual needs of 18 people." – U.S. Dept. of Agriculture
- "Trees properly placed around buildings can reduce air conditioning needs by 30 percent and can save 20 – 50 percent in energy used for heating." – USDA Forest Service
- Trees which change color in the fall are known as deciduous. They lose their leaves and grow new ones each year. The color changes are caused by falls' cooler temperatures and shorter periods of daylight. Chlorophyll, which makes the leaves green, is no longer produced and as the green fades, two chemicals, carotin and xanthophylls, which cause leaves to turn yellow, are unmasked. If the leaves contain certain sugars or tannins then it will turn red.

Coupon

SAVE \$100



AquaSurge 2000 gph pump

Expires 6/30/2009

*Not valid with any other offers.
See store for details.*