

# Fish and Frog UV Frequently Asked Questions

## **Where do I install my UV?**

The best place to install your Aqua Ultraviolet Sterilizer is after the filter. If an after the filter installation is not feasible, your sterilizer can be installed before the filter, but it will take a little longer to work. If installed before the filter, be aware that a small rock passing from the pump can break the quartz sleeve. It is recommended that if you install your unit before your filter, you check the UV periodically for any water leakage due to a broken quartz sleeve. Be sure to have adequate pre-filtration to prevent breakage. (A broken quartz sleeve and any damage caused by a broken quartz sleeve is not covered under warranty.)

## **Do I have to turn my UV off when I clean my filter?**

Yes, but only if the chamber is drained or if the water will remain at a stand still for more than 30 minutes. Note: Running longer than the recommended time without water flow can cause extensive damage to the unit that is not covered under warranty.

## **What should I expect after my UV is installed?**

If your Aqua Ultraviolet system is installed after the filter and is properly sized the water should be clear in 3-5 days. If your Aqua Ultraviolet system is installed before the filter the water should be clear in 7-10 days. The green algae on the sides and bottom of the pond will not disappear, this is normal in a pond. The UV does not control this type of algae.

## **What should my flow rate be on my pond?**

The optimum flow rate on your pond is to turn over the volume of water one time every hour to every hour and a half.

## **Should I bypass part of my water through the UV and the rest back to the water supply?**

No, Our UV's are specifically designed to handle high flow rates for easier installation and the best water quality.

## **Is this unit submersible?**

No, not this specific series.

## **Does the UV light have any residual effect to the fish?**

UV only affects what passes through the chamber. There is no residual effect from UV light.

## **Does the UV kill good bacteria?**

Ultraviolet light does not discriminate about what it destroys. If good bacteria passes by the light it will be destroyed. Beneficial bacteria are colonized in your filter and along the sides and bottom of your pond. The only time those will be affected is if it becomes free floating and passes through the UV.

## **How often should I change my lamp?**

The lamp should be changed after 14 months of continuous use