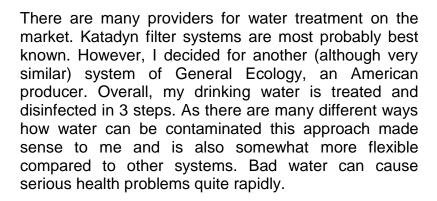
## Water treatment







## First level: Chemical preservation / disinfection

Micropur Classic Main purpose is to preserve pure drinking water through silver iodide up to 6 months. Residence time for full protection is roughly 2 hours. Micropur Forte disifects and preserves drinking water through chlorine. Residence time for full effectiveness i roughly 30 minutes.



Second level: Disinfection through active carbon filter The Aquapolish 5 carbon filter repurifies the water in a second step.



## Third level: Disinfection through ceramic filter

The Seagull IV ceramic filter cleans the water in a third step through a ,structured matrix' that combines various filter systems.





But the whole thing does not work without a powerful water pump with adequate capacity. After evaluation of various devices, I decided for the SHURflo 2088/12V. The pressure build-up is sufficient and the 630l flow rate/hour is adequate. In addition, I also added an intake filter to hold back potential dirt before the filters. However, I passed on the expansion bin that is available as an option. Using a water tap with incorporated electrical switch, it is not necessary and can only lead to troubles (blocked, leaky). Due to the highly professional counselling, I bought the pump and the option at "IWS Solar" (<a href="http://www.iwssolar.ch">http://www.iwssolar.ch</a>).