

Waterneer water processing system

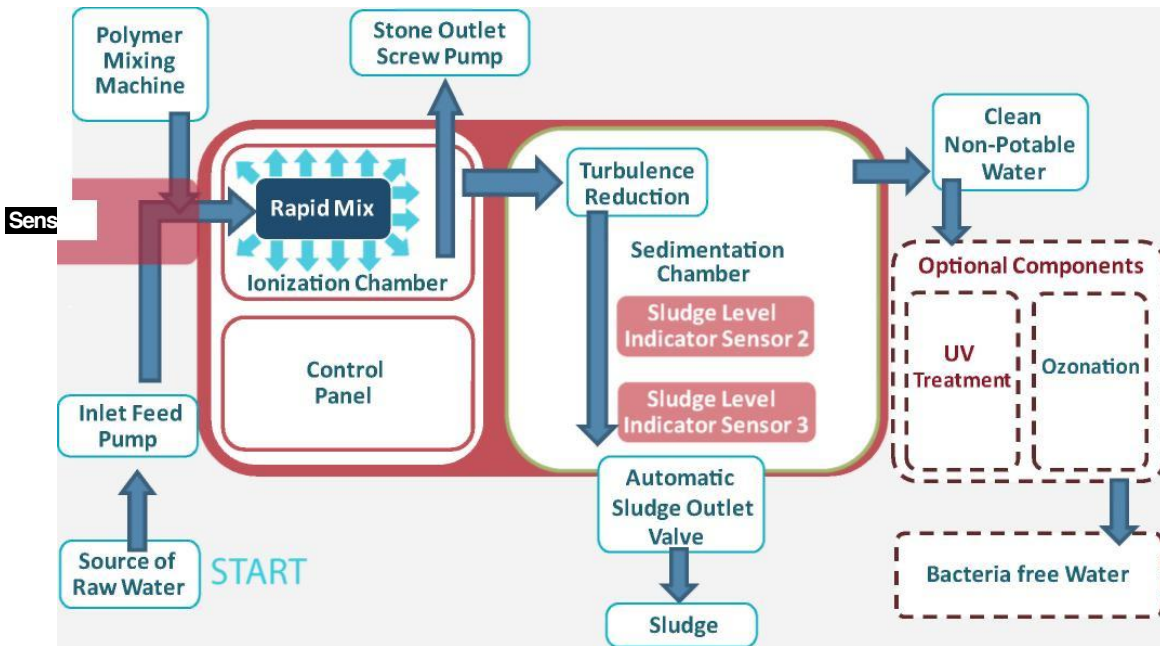
This is a modular solution to make high quality drink water from any water supply with water that is not possible to use in households. This is a Swedish developed system that clear water in a simple and cost efficient way to get it useable for kitchen and house applications. Sunnytek aim applications in area with volumes of non useable water where this can be processed to low cost high quality water for houses. Any river with polluted water gives perfect conditions to use Waterneer system

Features of Waterneer water plant system

- * Modular design on a trailer or in a container
- * Easy to move around and install depending on demands
- * Operates with low power in electricity from grid or our solar power plant
- * Several models from a few M3 per hour up to 450 M3 per hour
- * Reasonable installation cost and small volume of the complete system
- * Production cost down to less USD 0.1 per 1000 liter of drinking water
- * Simple maintenance and operation need no experts at site
- * Patented solution designed in Sweden

We see a huge market in highly populated areas where water is a problem. Here we can use local existing polluted rivers and creeks to generate drinking water to a reasonable cost. Rivers are often muddy and dirty in waters with bacterias and virus on top this. This is OK for our water supply. In many area existing water pipes are of bad quality and leak and absorb diseases like Cholera. Here we can inject water into pipes to get higher pressure and by this keep contamination leaks out of the system so water get OK without large investments in repair. In refuge cams we can get a system in operation within 24 hours and rapidly get a water supply in shortest time. The high throughputs of up to 450 M3 per hour is enough for a very large population water needs to get a reasonable OK life. All systems are in a container and easy to moved by truck. Installation is simple and we have a solution with own power supply from sun or grid.

Process Flow



Principal layout of Waterneer system for clear water production



All systems are installed in standard containers. The smallest need a 10 feet container and the largest a 40 Feet container. This is all needed for a complete water plant. Power solution is beside the container and solar panels can be on roof top.

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