

Aqua Vantage How it works

Aqua Vantage has been developed from research over 14 years to offer you the most advanced Whole House water treatment available today through seven steps of treatment.

1. **Electronic Digital Conditioning** suspends minerals, taking them out of solution to allow the water to behave like soft water. Minerals are pulled off the water clusters, reducing the size of the clusters, causing the surface tension of the water to be lowered, making the water wetter. This process is called structuring the water, or “structured water”.
2. **Redox Fluidized Bed** uses a process called Redox, the exchange of electrons between dissimilar metals, copper and zinc, causes oxidation. The process has a purification effect on water. Heavy metals are plated to the media, free chlorine and chloramines are destroyed during the oxidation process. Redox media is bacteria static and is classified by the EPA as a pesticidal devise.
3. **One Micron Absolute** pleated filtration removes particulates, turbidity and parasites at 99.99% efficiency. This filter design has 10 times the capacity of low end filters.
4. **One Micron Coconut Shell Carbon Block** is available on the POE-4. Is pre treatment to the 0.5 micron carbon block. Reduces chlorine, chloramines and improves taste and odor.
5. **0.5 Micron Coconut Shell Carbon Block** adds finer filtration and has the same features as the one micron carbon block.
6. **Electronic Digital Conditioning** is introduced again to the water to boost the signal after the filtration process and before the ultra violet light. This insures a strong signal to prevent the UV light and the household plumbing system from scaling with mineral deposits.
7. **Ultra Violet Light** is available with NSF certification. Most bacteria, viruses, and parasites are irradiated by the UV rays. This is the purification process of the system. Water is also oxygenated with a small amount of ozone created by the UV. Copy right 5/14/07

- 1. Aqua Vantage de-scales and prevents scale build-up.** Energy savings occurs in your hot water heater. One half inch of scale in your hot water heater is not uncommon. This equates to a 60% drop in energy efficiency, causing a 60% increase in your hot water heating bill. In the average household this could amount to \$200.00 a year. Scale also insulates the heat from the water causing your hot water heater to overheat and burn out. A new hot water heater could cost \$1000.00 to replace. If you are fortunate enough to have your heater last 10 years, that would equal \$100.00 a year. Preventing scale from destroying your other household fixtures and appliances like your dishwasher, washing machine and faucets could easily add another \$200.00 a year in repair and replacement costs.
Total savings: \$500.00 per year.
- 2. Soap and cleaners** mix faster and more completely with Aqua Vantage water. Cleaning products cost a household \$600 to \$1200 a year depending on the number of people and the type of products purchased in hard water areas. This cost can be reduced by 40 to 50% when using an Aqua Vantage system. That equates to at least a \$240.00 savings. Aqua Vantage water also rinses fast and more completely using less water for a cleaner clean. Your hair will come out squeaky clean. Clothes last 30 to 50% longer because they come out cleaner on shorter wash cycles with no chlorine bleach, saving water. Hard water also contributes to short clothing life.
Total savings: \$240.00 per year
- 3. Bottle your own water** with Aqua Vantage. Bottled water costs add up fast for the average house hold. The cost for bottled water continues to rise with fuel because the transportation of water and the plastic bottle made from oil. It is not unusual for a family to spend \$600.00 a year on bottled water. The quality of 20% of bottled water is worse than or no better than tap water. Plastic water bottles leach chemicals into the water and are a burden on the environment.
Total savings: \$600.00 per year.
- 4. Health claims** are not allowed by the Federal Trade Commission and some States. Aqua Vantage makes no health claims on the effects of Aqua Vantage water on your health. We leave it up to our customers to put 2 and 2 together. The news is out; chlorine is not good for you or the environment. Your body is 70% water, shouldn't it be pure living water from Aqua Vantage.
Total savings: Priceless.
- 5. Environmental Green Product** uses no salt and wastes no water. Water softeners and reverse osmosis filters waste 1,000s of gallons of water per year and discharge salt into the environment. Water softeners are being banned in certain areas because of the salt discharge. Salt costs range between \$5 to \$10.00 a bag. It is not unusual to use over 30 bags a year. Add \$10.00 for wasted water.
Total savings: \$160.00 per year.
- 6. Lifetime warranty** to offer you the assurance that you are the owner of the highest quality whole house water purification system available today. copy right 5/14/07