

Is it Wise to Compare Water Treatment Systems Before You Buy?

With all of the frightening facts coming to light about the contents of tap water, water treatment systems are quickly increasing in popularity. Not all systems are created equal, however, and it is important that you compare these systems not only by cost, but by how safe and clean they make your water as well. Today, we will briefly consider the most popular systems and shine some light on the pros and cons of each.

The most popular system is the pitcher system. Filtered pitchers are available at most grocery, drug, and department stores. While initially inexpensive, when the filter cost is factored in, this is actually the most expensive method of obtaining filtered water available. In addition, these filters only remove large particles such as sediment and lead, and leave in numerous chemicals and bacteria. While far better than tap water, these systems are not the most effective or cost-efficient.

If you want to compare water systems that work effectively, the two you need to look most closely at are reverse osmosis and multi-stage systems. Both of these systems provide far healthier water than either tap or filtered water. In the next few paragraphs we will examine the cost and effectiveness of each of these types of units.

Reverse osmosis is a water treatment system that works by passing water through a semi-permeable membrane that filters out anything larger than a water molecule. These filters must also be used in conjunction with a carbon block filter, because bacteria and chemicals are smaller than water molecules.

Reverse osmosis systems remove the majority of contaminants and impurities from water, but also remove the trace minerals that are needed by the body to function properly. These include trace minerals such as potassium and magnesium. One aspect of these systems that is worthy to consider is that they waste about two gallons of water for every gallon that is transformed into pure drinking water. The cost of these units varies from 200 dollars for a kitchen unit to about 1,500 dollars for a whole house system. The total cost per gallon of water is roughly twenty-five cents.

Multi-stage water treatment systems work by passing water through a number of different patented filters. These systems remove almost all impurities while leaving in the valuable minerals your body needs. These systems remove chemicals, lead, rust, and even the chlorine that is added to all tap water.

Multi-stage systems cost about 150 dollars for a counter unit or 1,000 dollars for a whole house system. The total cost including filter replacement, which is only every three years, means you pay only about ten cents per gallon of water. These systems also produce far less waste than reverse osmosis systems.

When comparing water treatment systems, it is also important to highlight the difference between kitchen and whole house systems. While kitchen systems are very important and clean the water that everyone in your house drinks, whole house systems purify water in the one place in your home where the most water toxins are taken in; the bathroom.

When you take a hot bath or shower, the poisons from your water are absorbed into your blood through your pores, and inhaled in the water vapor you breathe. Most of the chemicals in your water are scattered into the air in the form of water vapor. This is a very good reason why a whole house water filtration system is highly recommended.

In short, water treatment systems are extremely beneficial. Whether you use the recommended whole house system or simply a kitchen unit, treating your water is one of the best things you can do for yourself and your family. With so many pollutants, carcinogens, and toxins in our tap water, purification is one of the best things we can do to help ourselves stay healthy.

About the Author

About the Author: Thomas C. Manso - If you are investigating for a [water filter](#) with outstanding value, consider the [Aguasana Filters](#). You will notice softer skin and hair in just a few days by showering and bathing in filtered water.

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