

Water Purification: A Process of Removing Contaminants from Raw Water

Early Sanskrit literature dated back to 2000 B.C. outlines methods for water purification. These methods ranged from boiling or placing hot metal instruments in water to filtering water through crude sand or charcoal filters. Centuries later, Hippocrates, the famous Greek Physician, had conducted experiments in water purification. When our ancestors became aware of various diseases and how and why they infect their health, water being one of the carriers of ailment-causing bacteria and viruses, they tried all means to have pure and clean water. Gradually, researchers and scientists thought of water purification systems.

Water is vital to our health. We cannot live without water. Raw water from natural sources carries various contaminants which are harmful to our health. Thus, we need water purification system to have pure and clean drinking water. If you are having water purified through an effective water purification system, you will not fall sick because of water-borne diseases like tuberculosis, cholera, diarrhea and other such ailments.

Various [water purification](#) methods are there. Some of them used in water purifiers are reverse osmosis, UV lights, carbon filtration, iodinated resin, ozonation, micro filtration, nano filtration and ultra filtration. Reverse osmosis is the most effective among all water purification systems. Reverse osmosis, the finest available membrane separation technique, separates very fine particles and suspended matters with size up to 0.001 microns.

Water purification systems based on reverse osmosis methods are using along with it carbon filter and UV light. [Reverse osmosis system](#) separates contaminants like chemicals, toxic substances and microorganisms. The UV rays kill all types of microorganism, bacteria, viruses, cysts and worms. Carbon absorbs unwanted substances and removes bad odor from water.

Kent, a 21st century health care products company, has on offer next generation water purifiers. Its water purification systems are base on revolutionary ROTM technology. At present, it has different models of water purifiers both for home and office purposes. Kent water purifiers are simple and require little maintenance. Kent water purifiers are fully automatic with auto-start and auto-off feature. Its purifiers come with a storage tank to give pure water on demand. Kent water purifiers have high quality sediment and carbon filters which last long. It is also suitable for all types of raw water like bore-well, overhead storage tanks, water tankers and municipal tap waters. Log on to kent.co.in for more information on water purifications.

About the Author

Varun Gupta is a well known author who writes on the topics related with [Reverse Osmosis Water Filters](#), [Water Purification](#), [Water Purifier Machine](#) and Drinking Water Purification Systems for the site www.kent.co.in.

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