

REPRINTED FROM BEYOND HEALTH® News

Reverse Osmosis from Beyond Health

by Raymond Francis

Consider this: The human body is 70 percent water. To maintain health, we must get adequate water every day. Tragically, *there is not much water available in America that is fit to drink*. Clean water is one of our body's most important needs. Yet according to the U.S. Centers for Disease Control tens-of-millions of Americans are drinking water that violates the EPA's contamination standards. Regretfully, it's far worse than that!

Any water containing chlorine or fluoride is unfit to drink. In other words, most of the water in the country! Chlorine is added to water to kill bacteria, but it kills and injures your cells as well. While toxic, chlorine at least does something of value. Fluoride does only harm; it is an exceedingly dangerous toxin that is having catastrophic effects on both physical and mental health. These health-destroying toxins *must* be removed from your water. In a more rational society, they would not be there in the first place. More than 700 chemicals have been identified in drinking water, and studies have found that one-out-of-four large public water systems exceed the standards for one or more of these toxins. Meanwhile, studies in the *American Journal of Epidemiology* indicate that negative health effects occur at concentrations lower than existing standards.

My solution to the toxic water problem has been to drink distilled water that is delivered to my home in glass bottles. This water is very pure, but it costs almost \$4 per gallon—more expensive than gasoline. For most people, and now for myself, a *reverse osmosis system* is the most practical and economical solution for clean water. Almost two years ago, I set out to find a reverse osmosis (RO) system that would meet my standards for safety and effectiveness. The result: Beyond Health now markets a superior RO system.

There are many RO systems on the market, including cheap, inferior imports. These all come with different prices and often confusing and misleading technical specifications, making it difficult to compare products. To understand how I made my selection, let us first understand a little about reverse osmosis. Without getting too technical, the heart of the RO system is a membrane with microscopic holes in it. Water pressure forces water molecules through these holes while excluding contaminants with larger molecules. The challenge is to find an RO system that does this well and economically, under a wide range of different conditions, without adding more toxins to the water than it removes.

It is important to select a reliable, high-quality system, or you may be defeating your purpose. Many RO units are made with plastics that leach toxins into the water. While no plastic is perfect, the system I selected is the best available and is approved by Nstore International, a world leader in product safety standards.

The membrane is the key component in an RO system. It is essential that this be top quality, but all membranes are not alike. Membranes perform differently under varying conditions, and most require frequent replacement. This is why membrane selection is critical, and the membrane unit in Beyond Health's RO system is superior. More costly to manufacture, our membrane is made of composite materials that give it special properties. For example, it is less susceptible to bacterial growth, and it filters out 98 percent of impurities versus 93 percent for many other systems. Our filter is made of spiral-wound membrane sheets that are shorter and more numerous.

The superior construction of our filter gives it many advantages. It is less susceptible to damage from high water pressure, and it operates efficiently at lower water pressures. It is faster, filling your glass

twice as fast as other systems. It wastes less water. Many RO systems will waste 8- to 9- gallons of water to make one treated gallon; our unit uses only 3.5 gallons. In most RO systems, the membrane unit must be replaced every 1- to 2- years, whereas Beyond Health's superior unit will last 4- to 5- years, saving you time and money.

There are many other advantages to Beyond Health's RO system. Most RO systems are installed using a piercing valve. However, these valves are subject to clogging. Our unit includes an easy adapter with ball valve that will not clog or loosen with age. Beyond Health's carbon filters need replacement only once-a-year versus every six months for other systems. And there are fewer filters to replace; other systems require more filters to help compensate for their lower quality. In addition, Beyond Health's filters are more practical and easier to replace. Most RO systems have permanent canister filter housings that can weaken and burst with age, which could flood your home. Our filters are built into the filter housing for quick and easy annual filter changes by simply unplugging—no wrenches necessary! Installation is relatively easy, and renters can take the RO unit when they move.

For good health, most Americans need purified water. Reverse osmosis is a safe, reliable, economical and practical way to obtain such water. Beyond Health's under-the-counter RO system was selected after careful research to find a system that meets our high standards for quality, durability and water purity. Beyond Health RO systems can be purchased by calling: 800-250-3063 or online at www.beyondhealth.com.

Raymond Francis is an M.I.T.-trained scientist, a registered nutrition consultant, author of Never Be Sick Again and Never Be Fat Again, host of the Beyond Health Show, Chairman of the The Project to End Disease and an internationally recognized leader in the field of optimal health maintenance.

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