

## **Tomal Global Water Innovation E Book Jan 2018**

*Kindly please note that this book is not for circulation and resale.*

*Strictly for personal reference and reading. Kindly note that we will be issuing only limited copies of this for those who are on our mailing list so kindly contact 6702 3075 if you desire to be kept in the mailing list or would like to be added into our future mailing list.*

Hi there! As many of you know we are starting the E book series to promote healthy drinking water for homes, buildings and any establishments. The purpose of this book is to educate. Based on our 8 years of combined water purification experience and working with large groups of Research Labs, we are keen to share information that may be highly useful to you.

In this first series, we will be sharing research materials on Alkaline water and what several doctors have to say in the various books that they have written on Alkaline water. We have compiled a few books and quotes and will share them with you to pique your interest on the medical approach. With our ongoing industrial experience, we have also experience good results in production of foods such as noodle production and drink production such as beer, wines, health drinks etc. The purified water is a large component of the manufacturing process of drinks. Hence, we are using some of the technology of the process of purification to be implanted into the technology which we have adopted for Tomal Water Innovation.

### **Dr. Don Colbert – board-certified and Christian author Dr. Colbert recommends alkaline in his book, [7 Pillars of Health](#)**

“I have had countless numbers of patients with painful osteoarthritis on many different medications for arthritis. Many have been pain free within a couple of months after adjusting their urine pH to 7.0 to 7.5 by consuming adequate amounts of alkaline water and alkaline foods. As a result, many are able to go off of their medications.”

### **Dr. Sherry Rogers**

“Alkaline water rids the body of acid waste... After carefully evaluating the results of my advice to hundreds of individuals, I’m convinced that toxicity in the form of acidic waste is the primary cause of degenerative disease.”

### **Dr. Ingfreid Hobert MD**

“You do not need expensive medicine with all the negative side effects to regain health... Alkaline water has profound long term effects because it alkalizes your body and provides an effective antioxidant.”

### **Dr. Theodore Baroody Author of [Alkalize or Die](#)**

“I have administered over 5000 gallons of this water for about every health situation imaginable. I feel that alkaline water can benefit everyone”

**Dr. Susan Lark / University lecturer and author of *The Chemistry Of Success*, says:**

“Drinking four to six glasses of alkaline water a day will help to neutralize over acidity and over time will help to restore your buffering ability. Alkaline water should be used when conditions of over acidity develop, such as cold, flu or bronchitis. Like vitamins C, E and Beta Carotene, alkaline water acts as an antioxidant because of its excess supply of free electrons. This can help the body against the development of heart disease, strokes, immune dysfunctions, and other common ailments.”

**Dr. Robert O. Young, PhD in his book, *The pH Miracle* says it this way:**

“Those willing to look again, and with clear eyes, will be rewarded with the secrets to permanent health. We can heal ourselves by changing the environment inside our bodies. Potentially harmful invaders, then, will have nowhere to grow and will become harmless.”

In relation to water purification, here are the basics on understanding Water Purification Process:

**Primary Stage:** Sediment Filtration

This stage removes particles and dirt in water and Sediment Filters are generally made from a PP material. This is a basic filtration process

**Secondary Stage:** Carbon Filtration

This stage removes chlorine with carbon that is a food grade type carbon often granular and inserted into filter housing. It's an absorbent material and often carbon can be also used as a double stage filtration.

**Third Stage:** UF Membrane

This membrane is often used as a standalone membrane to filter dirty water into drinking water in rural areas. It's a costly material and has pore size of 0.5 micron ratings which mean it stops smaller particles from bleeding through the filter system

**Final Stages:** UV

Ultra violet rays can be used to kill bacteria and safeguard the process. Oftentimes, industries use this to kill bacteria before it is used since bacteria can breed in stagnant water if chlorine has already been removed. UV is not necessary if the water is used fresh and not stored in any water tank.

This article has covered some basic understanding of filtration for those who would like to understand the deeper material engineering that goes behind it, books can be readily available in the book shop however this ebook serves the purpose to giving easy bite size information for anyone who has no prior

experience in filtration to understand more basics on filtration in order to make a more informed choice of having the right filtration at home or at the office.

### **Question is alkaline water beneficial?**

There are some studies that conclude it is beneficial for certain categories of people as mentioned in various books which we quote. Tomal uses a mineral which is produced by a Japanese Company and we insert it into a bullet housing. When municipal water passes through, the pH is adjusted to about 8.0-8.5. The range is mild and is able to maintain a high level of purity through the membranes.

### **Why RO water?**

Reverse Osmosis (RO) water generally ensures the water purity is very high. Since all contents are purified, minerals can be added back by a re-mineralizing process. This is the final stage which Tomal also ensures by added one more stage into the units. More information can be found on [www.tomalglobal.com](http://www.tomalglobal.com)

### **How about electrolysis alkaline water?**

Water passed through electro plates can become alkaline water. It's the charging of ions that creates an ionized water. Without filtration, the water is just ionized which means it's not ideal as purification of chlorine is necessary for pure water to be achieved. It is key to understand that purification must happen before ionization.

There is still no conclusive proof that ionized water is healthier than alkaline water achieved by re-mineral process hence we take the later process under Tomal product offering becomes it's more affordable for the general public and also it is a simple process and the technology has been for decades. The improvement of the material can only get better through time, however we have adopted the natural process of added minerals into the water after purification.

### **Bottled water?**

As most Tomal members get insights into the real world by real life sharing of life experiences and changes through drinking purified water, many are still sitting on the fence because of the huge investments that the market is perceived to be asking for. With more bottled water being in production, the water can only decline in its quality as bottled water has an expiration date. Expiration date means it has chemicals and preservatives to enable water drinkable in 1 year or 2 years. Further bottled water producers generally use a plastic bottle which is not BPA free hence the usage of plastics can be more harmful in the long run

### **Concluding thoughts**

With more sharing of knowledge and information we hope that the general public will have a more informed decision on deciding on what types of filters to be used or purchased. A decent filter can cost anything from \$100-\$5000. The investment should be centred on the technology and materials used and

also origin of the product and materials. Is the firm doing research and development and are they researching on results of water is also key to pick the right firm to purchase from.

Tomal wants to take this opportunity to share more on [www.tomalglobal.com](http://www.tomalglobal.com) or call us at 6702 3075 should you have more interest to find out more!

Thank you!

Edited on 16 Jan 2018