

## Jeudao Water Ionizer FAQ

### **Q: What should I expect from drinking Ionized Alkaline Water?**

A: This will initially depend on what pH strength when you begin drinking Ionized Alkaline Water. Water ionizer separates water into alkaline and acid fractions using a process known as electrolysis. Ionized Water provides your body with lots of oxygen that is why it gives us more energy. Alkaline Water is wonderful to cook with because it helps hydrate the food and bring out its flavor. However, other changes in your body after drinking Ionized Water will be much more subtle and will take some time. If you have accumulated acid waste in your system, it probably took years for you to get into that condition and it will take some time to reverse it. As the body is slowly brought into pH balance by drinking Ionized Water, it will naturally begin to function more efficiently and problems will begin to correct themselves. By the way, Ionized Water is smoother tasting than usual water. Ionized Water makes better tasting tea, coffee, juice and other beverages.

### **Q: Who should drink Ionized Alkaline Water?**

A: Anyone will all notice benefits from drinking Ionized Alkaline Water.

### **Q: Is there anyone who should not drink Ionized Alkaline Water?**

A: Elderly people must start by drinking very small amounts of Ionized Alkaline Water. For example: 8 oz. of strength level 1 (one) Ionized Alkaline Water per day because of heavy metals and other toxins that have accumulated in their bodies. You do not want to detox too quickly and cause a healing reaction. Occasionally years of medication has accumulated in them. Children 3 years and younger should not drink Ionized Alkaline Water we recommend that they only drink the purified water from the Ionizer. Children between the ages of 4 years and 12 years should only drink Ionize Alkaline Water at strength level 1 (one) and strength level 2 (two). Children between the ages of 4 and 12 years of age should never drink Ionized Alkaline Water at strength level 3 (three) or strength level 4 (four).

### **Q: Can a person alter their PH too much from drinking Ionized Alkaline Water?**

A: People have been known to drink as much as four to eight liters of Ionized Alkaline Water every day and gotten great benefit from it. And they have not become too alkaline. On the contrary, one of the most common imbalances people have today that leads to health problems is that they are too acidic. Our body pH should be approximately 7.2 (measured through saliva or urine). The more acidic we are, meaning a 6.6 pH or lower, the greater opportunity we have provided

disease to flourish in us. In fact, it is rare for a person to acquire Alkalosis, the condition of being too alkaline. We should always drink Alkaline Water and eat Alkaline Foods such as fruits and vegetables.

**Q: How much water should I drink and at what level?**

A: You should drink half your body weight in ounces per day. For example, a person weighing 100 pounds should drink 50 ounces. You should start slow at strength Level 1 (one), drinking 1-3 glasses per day for the first week. You may increase the number of glasses per day during the first week if you do not notice any side effects. If you do not feel any flu like symptoms at the end of the first week, move up to strength Level 2 (two). On strength Level 2 (two), drink 1-3 glasses per day for the first week. You may increase the number of glasses per day during the first week if you' re feeling good. On average, two to three weeks per level; work your way up to a 10.5 pH (strength Level 4 (four)). The higher the strength level of Ionized Water you can drink, the better it is for you because the water is more Alkaline, more Detoxifying, and a stronger Antioxidant that provides your body with more Oxygen.

**Q: When will I begin noticing the health benefits?**

A: Noticing and receiving health benefits vary from person to person. You might start noticing a positive response in as little as one day or within a few weeks.

**Q: Can I take medication or supplements with Ionize Alkaline Water?**

A: You should not drink Ionized Alkaline Water from forty-five minutes to one hour before or after taking medications or nutritional supplements. Do not drink Ionized Alkaline Water while taking the medication or vitamin supplements. Use purified water, another liquid or water source.

**Q: Why do some people have flu like symptoms when first drinking Ionized Alkaline Water?**

A: If you start drinking Ionized Alkaline Water at a high level (high pH level), you might notice flu like symptoms. The ionization process creates water molecule clusters that are half the size of regular water molecule clusters. This is why Ionized Alkaline Water is sometimes referred to as "reduced water" because it has become reduced in size from a 12-water molecule cluster to 6-water molecule cluster. This makes the water much more hydrating because it flows through our body tissue more easily, thus pushing toxins out of our system. It is this detoxifying effect that sometimes gives people headaches and diarrhea and why there are 4 levels of strength.

**Q: How does Ionized Alkaline Water affect athletes?**

A: In an extremely positive way, as you might expect. Blood oxygen levels will rise at varying amounts with regular use of strong Ionized Water. This increases stamina, endurance and provides the muscles tissue and organs with high amounts of oxygen, which the human body often lacks, even in athletes because inadequate diets. Proper hydration sustains the body's physiological responses in all activities, but the physical and mental stresses of athletic training and competition magnify the importance of hydration. Numerous studies conducted on athletes since the 1940s have demonstrated that even mild dehydration impairs performance. Current thought is that athletes consuming a traditional Western diet have consumed an abundance of salt, so there is no need to replace salt when exercise last less than two hours. Water that has been alkalized may help neutralize the exercise induced acidosis (lactic acid build up), since the pH of alkaline water is high. Ionized water may help act as a free-radical scavenger to address the issue of accelerated oxygen consumption. Ionized water is micro-clustered, so it may be absorbed at a faster rate, helping with re-hydration. Dr. Peter L. Kopko, D.C., recommends drinking 13 to 20 ounces (2-3 cups) of water 2 hours before exercise and 5 to 10 ounces (about 1-2 cups) every 15 to 20 minutes of exercise, depending on your total body weight.

**Q: How long does Ionized Alkaline Water stay Ionized?**

A: The Antioxidant (hydroxyl ions) will last approximately 18-24 hours. The Higher pH (alkaline properties) will last approximately 1-2 weeks. The smaller molecule cluster size will last approximately 1-3 months. Does Ionized Alkaline Water have any negative effects?

Absolutely none, as long as it is used properly. Only the Alkaline Water should be consumed. NEVER DRINK THE ACIDIC WATER.

**Q: How does a water ionizer work?**

A: Our counter top Water Ionizer can be directly connected to a diverter valve at the end of your faucet. Connecting our unit directly to your faucet takes about 15 to 20 minutes and enables your water ionizer to use a two step process. The first task is to help filter out harmful components of the water with our built-in dual filter system, which remove chlorine, trihalomethanes, phenols, sediment, odor, taste, and organic waste. The Water Ionizer achieves this by using multi-stage filters. The filtered water then passes into a chamber equipped with platinum-coated titanium plates. Next, an electrical charge is introduced into this water. This is where the electrolysis takes place. The water is separated into two streams (acid and alkaline) of ionized water. The acid water (oxidized) makes up about 30% of the water and the alkaline water 70%. The reduced ionized alkaline

water comes out of the faucet, which you use for drinking or cooking. The acid (oxidized) water comes out of a separate hose leading into the sink. The oxidation potential of the acid water makes it a good sterilizing agent, ideal for washing your hands, cleaning food or kitchen utensils, and treating minor wounds and eczema. Cations, positively charged ions gather at the negative electrode to create alkaline water, which concentrates available alkaline minerals, such as calcium, magnesium, and potassium from the source water. Anions, negatively charged ions gather at the positive electrode to make acid or oxidized water, which concentrates acid minerals such as nitrates, sulfides, chlorides, and fluorides from the source water.

Remember in chemistry, opposites attract each other. A range of pH settings from neutral to very alkaline or very acid is available at the touch of a button. The electrodes are cleaned in an automatic cleaning cycle or you can also run a manual cleaning cycle. The electrolysis process breaks the molecular bonding of water molecules and restructures the water clusters from usual groups of 12 or so down to about 5 or 6 molecules per water cluster. "Clustered" water is typically characterized by smaller groups of molecules, lower surface tensions and thus can more easily penetrate the cellular membrane. This clustering process is somewhat akin to the ease of carrying a bowling ball through a normal doorway versus trying to carry an 8 foot diameter balloon through the same doorway. This clean, healthy, alkaline ionized water is drawn for drinking and cooking through the main stainless steel spout.

**Q: How do I know when the filter needs replacing?**

A: When the filter's usage life displays 0 litres on the screen or the flow of water seems to be less than usual.

**Q: What should be done if the machine is not to be used for 7 days or more?**

A: Remove the filter from the main body, wrap in plastic wrapping, and store in a refrigerator. Remove the power plug. When ready to use again, install the filter and run in the Ionizer in the "PURIFIED" mode for approx. 3 minutes before using the water.

**Q: What does it mean when water flows through the main body and it becomes warm?**

A: At the start of water flow, warm water may flow out due to room temperature or heat from the main body during stoppage. This is not a malfunction. Use the machine after the water flows.

**Q: There are white substances on the bottom of my alkaline ionized water storage container. What are these?**

A: This is caused by the calcium and mineral substances in alkaline ionized water. Particularly, if the carboxyl group (CO<sub>3</sub>) is present, it will bind to the calcium carbonate (Ca CO<sub>3</sub>), creating such substances. This is the evidence of electrolysis and that your system is working. Although it is safe to drink, we recommend that you wash the container, add one spoon of white vinegar and water to the container, leave the container for 1 hour, and then wash the container.

**Q: What is hard water?**

A: According to the U.S. Geological Survey, more than 85 percent of the United States geography has hard water. Hard water forms when naturally occurring minerals enter water sources. Over time these minerals are absorbed by groundwater. The two most common types of minerals found in hard water are calcium and magnesium compounds. The Water Quality Association of the United States defines hard water as water containing dissolved hardness minerals above 1 GPG (grains per gallon). The most common hardness causing minerals are Calcium and Magnesium. Levels of hardness are classified as follows:

Soft Water - less than 1 GPG,

Slightly hard - 1 to 3.5 GPG

Moderately hard - 3.5 to 7 GPG

Hard - 7 to 10.5 GPG

Very Hard - 10.5 and higher GPG

**Q: Do I need to hire a plumber to install the units?**

A: Most people find it is not necessary to call a plumber for most standard installations. For custom installations, a plumber may be needed depending on the individual circumstances.

**Q: What do I do if the filters are leaking?**

A: It is important to note where a filter it is leaking. Most leaking comes from the fittings that are not seated properly. You can reseat the tubing into the filter by pushing in firmly and then pulling back. It may be necessary to re-trim the end of the tubing to get a fresh surface. Make sure to shut off the water before working with the water supply lines.

**Q: How do I set up the pre-filter unit?**

A: The pre-filter (**Not provided with the ionizer**) is installed in the supply line on the ionizer. Quick connects are provided for your convenience. Simply push the tubing in the connector and it seals automatically. When installing the filter for the first time, it is suggested to let the filter fill with water for a few minutes before turning on the ionizer.

**Q: How do I set up the pre-filter' s usage life?**

A: Press the Acid water button for 5 seconds, and then press the Alkaline water button or Purified water button for rise or low as per your local water quality. While you finish all settings, finally please press the cleaning button to save.

**Note:** when you finish setting up the first filter' s usage life, please press the acid water button again to set up the second filter' s .....and also for the third one

**Q: What is Water Ionizers' product warranty?**

A: The warranty that is in effect at the time the machine is purchased is for 2 years.

**Note:** The warranty does not cover repairs caused by customer neglect or by failure to stop the build-up of calcium in hard water areas. Neglect includes using the unit in a matter inconsistent with the directions in the owner's manual, as well as breakage resulting from dropping the unit or other carelessness. Warranty is void if customer opens the machine except for changing the filter.