

## Alkaviva ULTRA Delphi Water Ionizer

Model - IO400U

This is the newest model

The Alkaviva Delphi is the most popular and technologically advanced under-the-counter water ionizer in the marketplace. It also sports a sophisticatedly stylish and contemporary faucet that functionally controls your ionized water at the touch of a button. The Delphi is easier to use than any other ionizer and incorporates technological advances that will make it last a lifetime. The faucet's LCD and touchpad allows you to control alkaline and acid levels and monitor filter life.



The dual headed faucet sends both streams of water into your sink for simultaneous capture if you so choose. Technological superiority, elegance and easy of operation highlight the Delphi's production of healthy alkaline drinking water.

### Ionizing Power and Unsurpassed Performance

Emco Tech is the worlds #1 innovator and manufacturer of water cell technology. The Ultra Delphi incorporates absolute most advanced, cutting-edge water cell technology. The Delphi employs the latest "mesh electrode" design that effectively increases surface area and ionizing power without the large voltages required to run larger plates. "Mesh Electrode" technology is more efficient and extends electrode life protecting your ionizer investment. The plates are also electro-plated platinum titanium, providing the highest level of conductivity and durability. This design ensures you get the best pH levels, ORP alteration and durability.

Researchers generally agree that the ideal level for drinking alkaline water is between pH 8.5 - pH 9.5 with an ORP of -250mv, so don't be fooled by claims of very high pH levels and ORP alterations. Water over a pH 10 can begin to acquire an unpleasant taste due to the heavy concentration of minerals. The Delphi will create the big -ORP numbers at the higher pH ranges, however it is designed optimize ionized water benefits by creating the best ORP at the lower levels of pH.

### Durability and Reliability

Your Delphi is an investment that is designed to reliably produce alkaline water for a long period of time. The electrodes are the crucial component to any ionizer. Most all machines on the market clean by a reverse polarity which allows some scale buildup and decreases the efficiency of the electrode. The Delphi offers the new patented Double Automatic Reverse Cleaning (DARC System). This new system completely eliminates the mineral scaling from the electrodes ensuring you will have many long years of healthy water. During a reverse polarity cleanse, you have to wait to use the

ionizer. The DARC system cleans as you ionize - so you never have to wait for a cleaning cycle to complete.

### **Other Delphi Features:**

- Biostone Filtration - The Biostone Filter is the most advanced in the market. The 9 stage Filter includes layers of coral calcium with magnesium and Tourmaline. The coral calcium is Japanese premium grade and comes from environmentally approved land deposits. The coral calcium not only helps to slightly rematerialize the water but also naturally sweetens the water and changes volatile fluorine molecules into a benign compound (calcium fluoride).
- Flow Control - The Delphi has an inbuilt flow control valve that automatically controls the water pressure through your ionizer to produce optimum ORP at a selected level of pH.
- Calcium Port - This allows you to add extra calcium to your ionizer. It is important to note that the Delphi is a very strong ionizing unit and will not require the use of extra calcium in most areas of the country. Some areas however have soft water or water that is low in naturally occurring calcium and other dissolved minerals. This feature is intended to boost ionization performance in those areas when necessary.
- Temperature Shut Down - The Delphi employs a thermal switch in the water cell to shut down the ionization process if the temperature in the cell gets too hot. This small but valuable feature gives you peace of mind.
- Electrical Protection - The Delphi has a glass tube fuse that will protect the expensive circuitry in case of power fluctuations or surge.
- Voice Confirmation - This feature audibly tells you what type of water you have selected each time you use the ionizer. This feature is fully adjustable allowing you to turn the volume up, down, or completely off.
- Alkaline and Acidic level indicators - The Emco tech Delphi has an LCD indicator which will numerically display the level of ionization you have selected. It also has LCD icons that display the most typical use for a given setting.
- Filter Life Indicator - The Delphi offers you a way to track the filter life - right on the faucet. It counts actual filter use - it is not a timer like on less expensive models.

### **Accessories Included with the Ultra Delphi**

- pH Test Kit - Contains test tubes, reagent liquid and a pH color chart to help you understand the ionizer's performance and so that you can be sure you are drinking the right level of pH. Installation DVD
- Installation / Information DVD - Your Delphi comes with a short but very informative DVD showing you everything you will need to know to install, optimize and maintain the performance of your ionizer.
- Owner's Manual - This beautiful manual helps makes it all so easy.

- Installation kit - Comes with everything you will need to perform a standard installation. Unique or custom installations may require extra parts and or adapters.

## Delphi Faucet Specifications

### Current Specifications (As of Sept 2011) :

- Faucet inserts into a 1.5" Hole
- Faucet is 8.75" Tall
- Upper Alkaline spout extends 4.75"
- Lower Acid spout extends 2.5"

### Original Specifications:

- Faucet inserts into a 1.5" Hole
- Faucet is 8.75" Tall
- Upper Alkaline spout extends 5.75"
- Lower Acid spout extends 4.5"

## Specifications

- **Rate Voltage:** 120V / 60Hz
- **Power Use:** 0.52A 110W
- **Weight:** 19 lbs Shipped Weight
- **Water Pressure Available:** 35 ~ 80 psi
- **Tap Water Temp. Available:** 40 ~ 86F
- **Electrolysis Method:** Continuous
- **Electrodes:** 5 *Smart Design*
- Platinum / Titanium
- **Generating Capacity:**
- Standard (1.5 l/min. at 28 psi),
- Max (3.5 l/min. at 90 psi)
- **Settings:** Alkaline Water (4 Levels),
- Purified Water,
- Acidic Water (4 Levels)
- **Cleaning:** *DARC Cleaning System* - Dual Automatic Reverse Cleaning

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