



# ACUARIO

## ARC-1 Casa System

The Arc-1 is a powerhouse all-in-one electrolysis water system built specifically for Mexico.

Our goal was to design a unit that delivers perfect drinking water to all taps in the house; while reducing size, cost, and waste.

- **Simple Installation**
- **No Water Waste**
- **Low Energy Usage**
- **20+ Year Lifespan**
- **5 Year Parts Warranty**



**Say adios to garrafones or large expensive whole home systems!**



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## ARC-1 at Sayulita Lofts



- **Designed to purify, balance, and alkalize all taps throughout the house**
- **Extremely low energy consumption**
- **Perfectly balanced water PH**
- **Eliminates 100% of the nasty stuff**
- **Retains all beneficial natural minerals**
- **Flow rate: 10+ Gallons Per Minute**
- **Once a year maintenance**



## **Why choose the ARC-1 System?**

The Acuario Electrochemical Water Purification Technology combines Electrocoagulation, Electro-flocculation, Electro Flotation, Electro-disinfection and Electro-oxidation in one process for the purification of water. The equipment used in the water technology consists of multiple cells containing anodes and cathodes. The anodes and cathodes are positioned in close proximity to each other allowing for a very high density of electricity across the gap. Low voltage direct current (DC) is applied as water continuously flows through the electrodes.

Where using electricity to treat water is known to breakdown the metal plates, it is non-existent with this design. Our first plant to use this patented cell has been in operation for more than 15 years with no measurable loss in the density of the cell.

## **What is Removed?**

Our treatment eliminates all bacterial, parasitic and viral organisms in the water, including E.Coli, Giardia, and Cryptosporidium in one step. Heavy metals such as arsenic, lead, mercury, chromium and hexavalent chromium are rendered inert and neutral. Synthetic organic compounds (dioxins and PCB's) are effectively shattered and broken down. Also removed are Chlorine and Fluoride along with pesticides and fertilizers when present in the water. The inert particles formed after the process are easily removed by 5 micron sediment filters which do not capture the still-suspended minerals. What is retained are beneficial, naturally occurring soluble minerals such as Calcium, Potassium, Magnesium, Sodium and Zinc while removing the harmful contaminants. There is no other method of water treatment that can achieve this balance.

## **Incredible Results**

Our unique process restructures water thereby producing the following features in drinking water:

- Micro Clustering enabling for the easy absorption of water and high level of hydration.
- High level of Oxygenation and Ionization that contains millions of natural antioxidant bubbles called hydroxyl ions, which are free radical scavengers.
- Negative ORP (Oxidation-Reduction Potential) which is beneficial to our body by decreasing oxidation and aging. Positive ORP, found in tap water, some bottled waters, and cooked foods, increases oxidation.
- Retains Natural Minerals found in the water thereby reducing the need to add artificial minerals. Water that contains natural minerals and alkaline pH is associated with lower mortality from heart disease and cancer and overall good health.
- Maintains a Healthy pH balance of 7.4–7.6. Water is the most crucial factor in establishing and maintaining proper acid-alkaline balance. pH is a measure of relative acidity or alkalinity, between 0 at the extreme alkaline end to 14 at the extreme acidic end. The blood stream seeks to maintain a consistent pH balance of 7.3 or 7.4, but poor quality diet, stress, environmental toxins, and medications can cause our metabolic pH to become too acidic.