



**Coast Water**  
Conditioning & Plumbing



Coast Water Conditioning & Plumbing offers Deionized (DI) Water Tank Exchange Service. A safe and economical way to achieve a dependable supply of high purity deionized water.

Portable ion exchange service consists of movable tanks or cylinders ranging in volume from 0.5 cubic feet to 4.5 cubic feet. These tanks incorporate different ion exchange resin types and tank sizes to accommodate different quality and flow rate requirements. The ion exchange tanks remove ionic contaminants that are harmful to many industrial and commercial processes. Eventually the ion exchange tanks reach exhaustion after a certain amount of use and are unable to remove ionic impurities and this is when Coast Water Conditioning & Plumbing sends a service technician to remove the exhausted tanks onsite and replace them with freshly regenerated tanks.

Our DI Water Tanks require no chemical handling or maintenance and provide a reliable source of deionized water (also called demineralized water) up to 18.2 Mega-ohm resistivity. The DI Water tanks come in various sizes, ion exchange resin types and flexible configurations to meet your process water needs with many quality-monitoring options available. We offer same day/next day service and are able to respond 24/7 to emergencies.

### **Quality**

All ion exchange resins are regenerated under current Good Manufacturing Practices in compliance with ISO 9001 standards. Only premium ion exchange resins are used to ensure consistent performance and throughput. Each batch of ion exchange resin is tested multiple times throughout the regeneration process for both quality of effluent and throughput capacity. This guarantees the proper water quality and a predictable run length.

### **Mixed Bed Deionizers**

Consisting of Strong Acid Cation and Strong Base Anion ion exchange resins mixed together to produce a higher quality of deionized water with a more neutral pH than dual bed systems. You can expect to see water quality with a resistivity of up to 18.2 Mega-ohms (the highest possible level of deionization/distillation available). Often a dual bed system or RO system will be placed before a mixed bed deionizer, which provides the user with a very reliable high purity source of water. In line conductivity/resistivity meters alert users when the ion exchange tanks need to be replaced with fresh bottles.