

HOW DESALINATION PRODUCES FRESH WATER FROM SEAWATER

The Kalaeloa Seawater Desalination Facility will produce fresh water for drinking, sanitation and commercial uses by utilizing widely accepted, state-of-the-art technology to safely remove mineral salts from seawater.

Upon being pumped into the facility, the seawater will be pressurized using a process of reverse osmosis that separates the fresh water from mineral salts as it is passed through a semi-permeable membrane within the system.

The result is a conversion of seawater to pure fresh water that is continually produced throughout the day.



Typical Kalaeloa Desalco Seawater Reverse Osmosis Facility designed, built and operated by Kalaeloa Desalco.

