

## Commercial Seawater Reverse Osmosis Machine

In November 2012, Pure Aqua successfully manufactured and supplied a commercial seawater reverse osmosis machine to a major company in Kenya. The machine included pretreatments consisting of a multimedia filter and an antiscalant dosing system. The SW-1.3K-425 machine was designed to produce 1,300 GPD at a maximum 15,000 PPM feed water TDS.



### System Overview

|                 |  |
|-----------------|--|
| Location:       | Kenya  |
| End-User:       | A major company  |
| Objective:      | To lower the TDS   |
| Water Source:   | Borehole well  |
| Feed TDS:       | 15,000 PPM   |
| Capacity:       | 1,300 GPD  |
| Pretreatment:   | Multimedia filter and an antiscalant dosing system                                 |
| Instruments:    | Flow meters, conductivity meter, pressure gauges, and low & high pressure switches |
| Control System: | Microprocessor control panel   |

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Designed and  
Manufactured in  
Southern California,  
USA

Pure Aqua Inc. is an  
ISO: 9001 certified  
company with over a  
decade of experience  
in advanced system  
design and  
manufacturing.

Using the latest  
technology in 3D  
Computer Aided  
Design (CAD) software  
allows for highly  
detailed and functional  
design. This reduces  
material cost and  
environmental impact,  
while maintaining  
quality and reliability.

Our modular systems  
are engineered for  
ease of integration and  
delivery to many  
locations worldwide.