

RO Machine

In November 2012, Pure Aqua, Inc. manufactured and supplied an RO machine to a major company in Tanzania to lower chlorine, TDS, and odor from well water. The machine consisted of pre and post treatments including multimedia and activated carbon filters along with chemical dosing systems. The machine was designed to produce 18,000 GPD at a feed water TDS of a maximum 5,000 ppm, it was selected from our RO-300 series and came complete with a microprocessor control panel.



System Overview

Location:	Tanzania
End-User:	A major company
Objective:	To lower chlorine, TDS and odor
Water Source:	Well water
Feed TDS:	5,000 ppm
Capacity:	18,000 GPD
Membranes:	Hydranautics "ESPA1-4040", Quantity 12
Pretreatments:	Prechlorination, multimedia & activated carbon filters, and an antiscalant chemical dosing system
Instruments:	Flowmeters, 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.