

Commercial BWRO Machine

In October 2012, Pure Aqua, Inc. designed and manufactured a commercial reverse osmosis machine to a major company in Peru to remove chlorine, TDS, and odor from well water. The machine came equipped with chemical dosing systems and was designed to produce 43,000 GPD at a feed water TDS of a maximum 3,000 ppm, it was selected from our RO-400 series and was controlled by a microprocessor control panel.



System Overview

Location:	Peru
End-User:	A major company
Objective:	To lower TDS
Water Source:	Well water
Feed TDS:	3,000 ppm
Capacity:	43,000 GPD
Pretreatment:	Dechlorination and antiscalant chemical dosing systems
Membranes:	Hydranautics "ESPA2-MAX", Quantity 6
Instruments:	Flowmeters, conductivity meter, pressure gauges, and a low & high pressure switches
Control System:	Microprocessor control panel

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Designed and
Manufactured in
Southern California,
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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.