

## Commercial Reverse Osmosis Machine

In October 2012, Pure Aqua, Inc. manufactured and supplied a commercial reverse osmosis machine to a major company in China to lower hardness, TDS, and odor from well water. The machine came equipped with an activated carbon filter for chlorine removal and an alternating water softener to remove hardness. The machine was designed to produce 24,000 GPD at a feed water TDS of a maximum 500 ppm, it was selected from our RO-300 series and came complete with a microprocessor control panel.



### System Overview

Location:	China
End-User:	A major company
Objective:	To lower TDS and hardness
Water Source:	Well water
Feed TDS:	1,000 ppm
Capacity:	24,000 GPD
Membranes:	Hydranautics "ESPA1-4040", Quantity 16
Instruments:	Flowmeters, conductivity meter, pressure gauges, blending valve, auto flush, and 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.