

Commercial Reverse Osmosis Machine

In June 2013, Pure Aqua, Inc. designed a commercial reverse osmosis machine to a major company in Sri Lanka to remove hardness, chlorine, TDS, and odor from well water. The system included a multimedia filter to remove suspended solids, activated carbon to remove chlorine and odor, and a twin-alternating softener to remove hardness.



System Overview

Location:	Sri Lanka
End-User:	A major company
Objective:	To remove chlorine, TDS, hardness, and odor
Water Source:	Well water
Feed TDS:	2,000 ppm
Capacity:	9,000 GPD
Membranes:	Hydranautics "ESPA1-4040", Quantity 6
Pretreatment:	Multimedia & activated carbon filters, and a water softener
Posttreatment:	UV sterilizer
Instruments:	Flowmeters, conductivity meter, pressure gauges, and low pressure switch
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.