

## Reverse Osmosis Water Systems

In December 2013, Pure Aqua successfully supplied and manufactured reverse osmosis water systems to a major company in Sri Lanka. The systems include five identical reverse osmosis systems, seven chemical injection systems for pretreatment, and ten identical multimedia filters. Each reverse osmosis unit was designed to produce 4,500 GPD and was selected from our RO-200 series. The multimedia filters were selected from our MF-400 series. From its initial start-up, the machine has been functioning properly with minimal trouble-shooting.



### System Overview

Location:	Sri Lanka
End-User:	A major company
Objective:	To lower the TDS
Water Source:	A municipal tap-water feed
Feed TDS:	1,000 PPM
Capacity:	4,500 GPD
Pretreatment:	Antiscalant Injector and Commercial Water Softener
Instruments:	Flow meters, conductivity meter, pressure gauges, and a low pressure switch
Control System:	An advanced microprocessor

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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.