

Nano Filtration Systems

In March 2013, Pure Aqua successfully manufactured and supplied a nano filtration system to a major company in Australia. The system was designed to produce 27,000 GPD at a feed up to 2400 PPM TDS and was selected from our RO-300 series. It came complete with dechlorination for chlorine removal and an antiscalant system to prevent fouling and scaling on the nano filtration membranes. Since its initial start-up, it has been operating accordingly with minimal trouble-shooting.



System Overview

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|-----------------|---|
| Location: | Australia |
| End-User: | A major company |
| Objective: | To remove water hardness |
| Water Source: | Well water |
| Feed TDS: | 2,400 PPM |
| Capacity: | 27,000 GPD |
| Pretreatment: | Dechlorination and antiscalant dosing systems |
| Instruments: | Flow meters, conductivity meter, pressure gauges, low & high pressure switches, and ORP monitor |
| Control System: | Microprocessor control panel according to Australian codes |

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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.