

Commercial Water Desalination System

In September 2012, Pure Aqua successfully manufactured and supplied a commercial water desalination system to a major company in UAE. The system came complete with a multimedia filter and an antiscalant chemical dosing system. The SW-7.6K-804 system was designed to produce 7,600 GPD at a maximum 42,000 PPM feed water TDS and is controlled by an advanced microprocessor.



System Overview

Location:	UAE
End-User:	A major company
Objective:	To lower the TDS
Water Source:	Seawater beach well
Feed TDS:	42,000 PPM
Capacity:	7,600 GPD
Pretreatment:	Multimedia filter and an antiscalant dosing system
Instruments:	Flow meters, conductivity meter, pressure gauges, VFD, and a low pressure switch
Control System:	Advanced microprocessor

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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.