

Industrial SWRO Machine

In September 2012, Pure Aqua successfully manufactured and supplied an industrial SWRO machine to a major company in Thailand. The machine came complete with pretreatments consisting of prechlorination, dechlorination, and antiscalant chemical dosing systems. The SW-16K-1480 system was designed to produce 16,000 GPD at a maximum 42,000 PPM feed water TDS and is controlled by an advanced microprocessor.



System Overview

Location:	Thailand
End-User:	A major company
Objective:	To lower the TDS
Water Source:	Seawater beach well
Feed TDS:	42,000 PPM
Capacity:	16,000 GPD
Pretreatment:	Prechlorination, dechlorination, and antiscalant dosing systems
Instruments:	Flow meters, conductivity meter, pressure gauges, VFD, and a low pressure switch
Control System:	Advanced microprocessor control panel

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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.