

Seawater RO Unit

In May 2011, Pure Aqua successfully manufactured and supplied a seawater RO unit to a major company in Lebanon. The unit came complete with pretreatment consisting of a multimedia filter and an antiscalant dosing system. The SW-0.70K-225 device was designed to produce 700 GPD at a maximum 37,000 PPM feed water TDS and is controlled by an advanced microprocessor.



System Overview

Location:	Lebanon
End-User:	A major company
Objective:	To lower the TDS
Water Source:	Seawater beach well
Feed TDS:	37,000 PPM
Capacity:	700 GPD
Pretreatment:	Multimedia filter and an antiscalant dosing system
Instruments:	Flow meters, conductivity meter, pressure gauges, and a low pressure switch
Control System:	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.