

Industrial Seawater Reverse Osmosis Unit

In July 2013, Pure Aqua successfully manufactured and supplied an Industrial Seawater Reverse Osmosis Unit to a major company in Maldives. The system came complete with pretreatment consisting of a multimedia filter and an antiscalant chemical dosing system. The SW-16K-1480 system was designed to produce 16,000 GPD at a maximum 42,000 PPM feed water TDS. The system was selected from our SWI Series. From its initial start-up, the system has been operating accordingly with minimal trouble-shooting.



System Overview

Location:	Maldives
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:	Antiscalant dosing system and multimedia filter
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.