

## Industrial Seawater Reverse Osmosis Plant

In October 2012, Pure Aqua successfully manufactured and supplied an industrial seawater reverse osmosis plant to a resort in Maldives. The equipment came complete with pretreatment consisting of multimedia filters and chemical dosing systems. The SW-136K-5680 system was designed to produce 136,000 GPD at a maximum 42,000 PPM feed water TDS and is controlled by a floor mount PLC.



### 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:	136,000 GPD
Pretreatment:	Multimedia filter, prechlorination, dechlorination and antiscalant dosing systems
Instruments:	Digital flowmeters, conductivity meter, pressure gauges, ORP monitor, and low & high pressure switches
Control System:	Advanced PLC, in floor mount enclosure

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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.