

High Brackish Reverse Osmosis Machine

In June 2013, Pure Aqua, Inc. successfully manufactured and supplied a high brackish reverse osmosis machine to a major company in Yemen. The objective was to produce drinking water with less than 500 ppm. The product water capacity was 130,000 GPD from a well water of approximately 4,500 ppm TDS. The BW-130K-3680-3 machine was selected from our RO-400 series and came with pre & post treatment and a cleaning skid.



System Overview

Location:	Yemen
End-User:	A major company
Objective:	Drinking water with less than 500 ppm
Water Source:	Well water
Feed TDS:	4,500 ppm
Capacity:	130,000 GPD
Pretreatment:	Multimedia filter, prechlorination, dechlorination, and an antiscalant dosing system
Posttreatment:	Postchlorination
Instruments:	Digital flowmeters, conductivity meter, ORP & pH monitors, and low & high pressure switches
Control System:	Advanced PLC

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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.