



Global Leader in Reverse Osmosis & Water Treatment Systems | Industrial & Commercial
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Case Study

Industrial Reverse Osmosis System for Well Water Treatment for Agriculture- Qatar

Project Summary

1. Destination Country: Qatar
2. Application: Well water treatment for agriculture use
3. Feed water: Brackish well water
4. Type of system: Industrial brackish reverse osmosis system
5. Capacity: 173,000 GPD
6. Manufacturing date: May 22, 2017

This [reverse osmosis system for agriculture use](#) includes feed and backwash pump, media filter, dechlorination, antiscalant and post-chlorination dosing systems. The feed water is coming from a brackish well, and the capacity of this system is 173,000 GPD.

Specifications:

- Programmable time delay and set points
- Motor starter
- Stainless steel multi-stage pump with TEFC motor
- FRP membrane housings
- 5 micron cartridge pre-filter
- 460V/3Ph/60Hz power supply



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- Microprocessor based control panel
- NEMA 12 enclosure
- Low pressure switch
- High pressure switch
- Liquid filled pressure gauges
- Permeate conductivity monitor
- Permeate & concentrate flow meters
- Powder coated carbon steel frame
- TFC spiral wound membranes

Features:

Learn more about all the [features of Pure Aqua industrial reverse osmosis system](#)

Usage:

In this project, the usage is for water treatment for irrigation

Learn more about [Pure Aqua industrial reverse osmosis systems usage and applications](#)

Document & Data Sheet:

[Industrial Reverse Osmosis System Data Sheet](#)

Video:

Watch it on [Pure Aqua, Inc. YouTube Channel](#)

Recommended Products:

[Industrial Reverse Osmosis RO Systems RO-400](#)



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[Industrial Brackish Water Reverse Osmosis BWRO Systems RO-500](#)

[Membrane Cleaning Systems CIP](#)

[Chemical Dosing Systems CDS](#)

[Industrial Steel Tank Water Media Filter MF-1000](#)

[RO Antiscalant PA0100](#)

For more information:

[Visit the project page](#)

