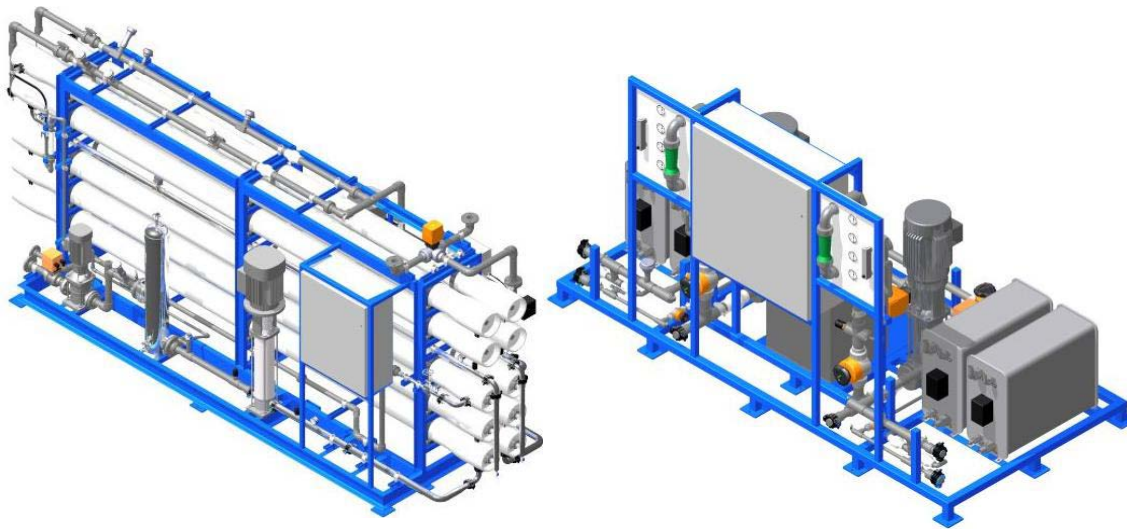


Iraqi Government, Iraq

In July 2012, Pure Aqua designed and manufactured reverse osmosis electrodeionization (RO-EDI) water treatment systems to provide purified water for the Iraqi Government. The 10 m³/h system was designed with 100% redundancy (two identical trains).

EDI removes ionized and ionizable species from brackish water using electrically active media and electrical potential (DC power) to affect ion transport. By using this type of purification technology, caustic and acidic types of chemicals are not required. The water which has been treated by RO-EDI has typically exceeded customer's high-purity standards.



Plant Overview

Location: Iraq

End-User: Iraqi Government

Objective: Supply purified water

Water Source: Municipal (City) water

Feed Quality: TDS < 1000

Plant Capacity: 10m³/h

Treatment Train: Feed pumps, backwash pumps, multimedia filters, activated carbon filters, UV, break tank, booster pumps, double pass RO, UV, break tank, booster pump, EDI, Stainless steel distribution tank, distribution skid (pump, 0.2 micron filter, and UV).

Control System: PLC with color touch screen (remote I/O)

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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.