

CASE STUDY

RO-200 Series

Hospital Industry



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Made in USA

 **PURE AQUA, INC.**[®]



Commercial RO Water Systems for Hospitals

Country: Ecuador | **Capacity:** 2 X 15,000 GPD

Challenge

Water supplied to a hospital must be completely free of all contaminants and closest to its pure form. In order to preserve public health, the quality of water must abide by the specific requirements of hospital application. Since the supply is derived from well water, commonly known to be filled with harmful contaminants, a thorough purification system was necessary.

Solution

Commercial RO water systems were recommended for these applications due to the level of purification they are able to produce. Both systems were designed for new hospitals built in Mexico each for a specific application. One commercial RO water system was engineered to sterilize medical equipment while the other system was designed to be used in a medical laboratory. The capacity of each system generates about 15,000 GPD. Each system includes customized pre/post treatments to ensure that the level of quality required for each specific application is achieved.

*Note: Water produced from commercial RO water systems cannot be used for human injection. *

Applied System

These systems are model # TW-15.0K-1040 of the RO-200 Series.

Project Video



Features

- FRP pressure vessels
- Product and reject flow meters
- 4" TFC spiral wound Filmtec membranes (LC LE-4040)
- Heavy-duty high-pressure tubing
- Low pressure switch
- Electric inlet solenoid valve
- Corrosion resistant high-pressure throttling valve
- Pretreatment lockout
- Powder coated carbon steel frame
- Corrosion resistant high-pressure pump
- 220V/1Ph/60Hz power supply
- Pre/post-treatment and pump pressure gauges
- Heavy duty 5-micron cartridge pre-filter

RO-200 Series Product Video

To learn more about our RO-200 Series product, watch this video!



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