



AQUAPURE WATER LTD.

Location: Nassau, Bahamas	Capacity: 100,000 GPD
Engineer: Hydropro, Inc.	Feed Source: Shallow Wells
Start-Up: March 1994	Feed Quality: 2500 mg/l TDS
Market: Commercial - Bottled Water	Membrane: Hydranautics 8040-LSY-CPA2

Project Highlights Hydropro has enjoyed a long-lasting and productive business relationship with Aquapure Water Ltd. since 1984. When Hydropro was founded, Aquapure was the company's first overseas customer.

Aquapure is the largest bottled water producer in the Bahamas. Since 1984, they have expanded their bottling capability and capacity several times. With each expansion, they have contracted Hydropro to supply, service and assist in the design and manufacture of water treatment equipment for their three facilities.

Their newest Reverse Osmosis unit is a modified B₂FS-100. Hydropro customized this B₂FS to meet Aquapure's site specifications and electrical requirements. The pressure vessels are shorter than the standard B₂FS and hold 3 elements each instead of 4. This made the unit more compact in order to fit in the limited amount of space allotted. This unit also utilized a Variable Frequency Drive (VFD) which allows conservation of electricity by reducing the speed of the High Pressure RO Pump instead of restricting the pumps flow and pressure by use of a valve. The VFD is an optional feature on the larger B₂FS units.

This latest equipment addition allows Aquapure to meet its peak summer tourist season bottling needs while also allowing them to continue to provide bulk potable water to the many cruise and naval ships that call upon the Port of Nassau.