

Reach the PINNACLE of **Performance** and **Reliability**

Creating Smart Pool Pump Control Systems with FRENIC-Eco and FRENIC-EcoPAK Drives

Keeping pools pristine is more than just chemicals. It requires reliable pumping systems that recirculate water. Traditionally, drives were required to stand alone without reference to chemical feed systems, heaters, or filters. H2O Technologies, an OEM Control Panels fabricator that specializes in the engineering, designing, and building of Bypass Control Panels for hydraulic pump-related industries that construct fountains, waterfalls, and municipal pools, saw the need for better control and created its Smart Pump Control System.

Developing a Smart System

The Smart Pump Control System came into existence in late 2005, when VFDs were not considered viable for use in pool applications. This combined with the need for a drive that was able to recognize several inputs from various pieces of equipment created a significant challenge.

Partnering on a Solution

H2O Technologies turned to PPX Central, which specializes in collaborating with OEMs, to overcome this challenge. By leveraging "out of the box" thinking and collaborating with Fuji Electric's applications and engineering teams, they were able to find a solution for the specific requirements of smart pool control systems.

Reliably Driving Pools

Fuji Electric's FRENIC-Eco and FRENIC-EcoPAK become the center of H2O's Smart Pump Control System. This gave H2O Technologies the distinction of being first company to fully integrate a VFD into a pool equipment room.

"We have discovered a hidden gem working with Fuji Electric. They take us back to better days, when there was less bureaucracy, where management decisions and issues resolution were local and only a phone call away. That is a "game-changer" that sets them far apart from almost every other large organization", exclaims Greg Sills, PPX Central's President & CEO.



● **About Fuji Electric Corp. of America**

Fuji Electric Corp. of America is a wholly owned subsidiary of Fuji Electric Co., Ltd., and has been responsible for sales and distribution of the company's products since 1970. Fuji Electric Co., Ltd. Began developing power electronics equipment in 1923, and is a global leader

About H2O Technologies

H2O Technologies is based in Southern California and has become a top solutions provider for the swimming pool market. H2O Technologies has developed a solid reputation as a value-added distributor, integrator, and manufacturer of control packages for the pool industry.

● **About PPX Central Incorporated**

PPX Central Incorporated is an exclusive OEM distributor that specializes in Electrical Control Panel components for machine builders and hydraulic pump packagers, to develop a solution.