A Smart Pump Control System (SPCS™) is a proven energy savings device and every SPCS™ comes with a complete Energy Audit!

This detailed analysis of your complete pool mechanical system is created through the SPCS™ Energy Audit - using your exact pump model, horsepower, motor rpm and efficiency as well as where the pump operates at every stage of the filtration process and through its performance curve. Then, we input your electrical cost per Kw to formulate a true site specific energy report showing actual energy consumption savings.

The SPCS™ Energy Audit has held up against the scrutiny of utility company engineers and industry professionals.

SPCS™, the “SMART” choice for your aquatic facility!
The Smart Pump Control System now has 4 specific units to meet every pool and equipment room design. From the original Full Drive to a Stand-Alone unit for the most basic of installations, H2O Technologies has you covered.

**Available Models**

**SPCS FD**
- UL 508 LISTED CONTROL SYSTEM
- NEMA 12 WALL MOUNTED ENCLOSURE
- WHITE POWDER COATED EXTERIOR FINISH
- ADJUSTABLE FREQUENCY DRIVE WITH EXTERNAL HEAT SINK CONFIGURATION
- MAIN CIRCUIT BREAKER/DISCONNECT
- MOTOR OVERLOAD BLOCK
- MAIN DRIVE CONTACTOR
- BY-PASS CONTACTOR
- LINE REACTOR
- 120v INTERLOCKED RELAYS (4)
- FLOW TRANSMITTER
- SELECTOR SWITCH
- INDICATOR LIGHTS: GREEN IS ENERGY EFFICIENT, YELLOW IS BYPASS, & RED IS FAULT

**SPCS BC**
- UL 508 LISTED CONTROL SYSTEM
- NEMA 12 WALL MOUNTED ENCLOSURE
- WHITE POWDER COATED EXTERIOR FINISH
- ADJUSTABLE FREQUENCY DRIVE WITH EXTERNAL HEAT SINK CONFIGURATION
- MAIN CIRCUIT BREAKER/DISCONNECT
- MOTOR OVERLOAD BLOCK
- MAIN DRIVE CONTACTOR
- BY-PASS CONTACTOR
- LINE REACTOR
- SELECTOR SWITCH
- INDICATOR LIGHTS: GREEN IS ENERGY EFFICIENT, YELLOW IS BYPASS, & RED IS FAULT
- 120V INTERLOCKED CONTACT

**SPCS Eko-Flex**
- UL 508C LISTED CONTROL SYSTEM
- GRAY PAINTED EXTERIOR FINISH NEMA 12 ENCLOSURE
- ADJUSTABLE SPEED DRIVE
- 5% LINE REACTOR
- DOOR MOUNTED SPEED POTENTIOMETER
- MAIN CIRCUIT BREAKER/DISCONNECT
- MOTOR OVERLOAD BLOCK
- MAIN DRIVE CONTACTOR
- BYPASS CONTACTOR
- INDICATOR LIGHTS: GREEN (DRIVE RUNNING), YELLOW (BYPASS MODE)

**PCS**
- A STAND-ALONE DRIVE WITH NEMA 1 CONDUIT TERMINATION BOX.
- THIS IS THE SIMPLEST UNIT AVAILABLE. TYPICALLY THE DRIVE OUTPUT WILL BE OPERATED AT A SET FREQUENCY ADJUSTABLE BY THE USER.
- OPTIONS AVAILABLE TO THIS UNIT WILL BE LIMITED TO ADDING AN INPUT OF 4-20MA THAT THE DRIVE WILL USE AS A SET POINT TO MAINTAIN THE REQUIRED FLOW.
For further information
Please contact:
Knorr Systems, Inc.
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Santa Ana, CA 92707
1-800-876-7946
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Typical Installation