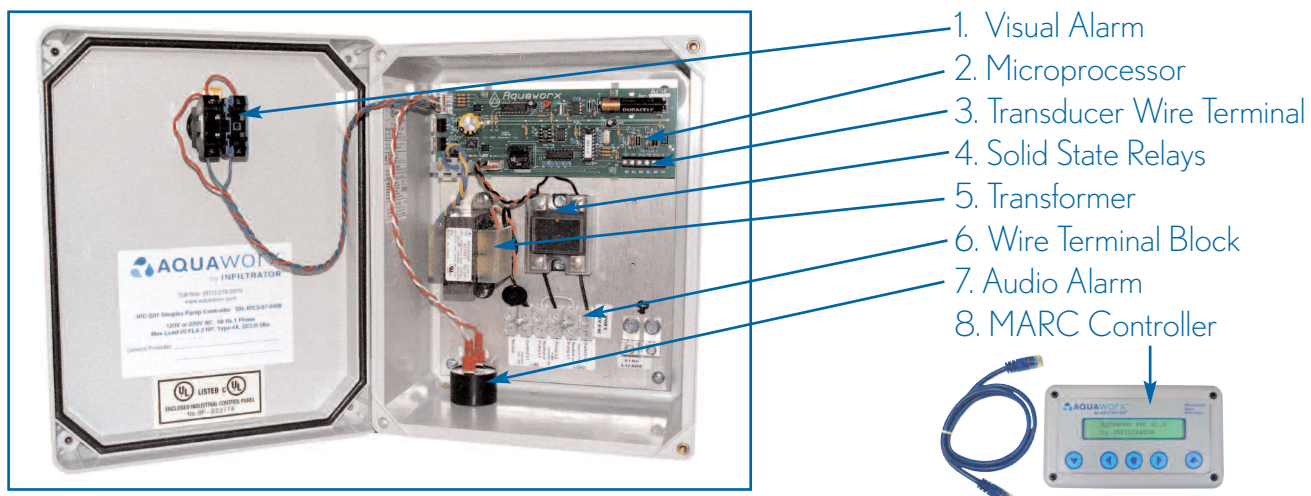


Technical Data Sheet

IPC-SM Simplex Control Panel

The Aquaworx Intelligent Pump Controller (IPC) Panel provides an innovative approach to time controlled pumping. It is used with a single pump operation - (on demand/time dose, lift stations, pump to gravity, etc.). Designed specifically for the onsite industry, the IPC Panel leverages floatless pressure transducer technology. The IPC Panel monitors liquid levels, controls pumping time intervals, and logs events in real time. Using the MARC (Mountable and Removable Controller) as the user interface, the Aquaworx IPC Panel offers a cost-effective solution with expanded capability. The data logging capabilities of the IPC Panel enables monitoring of multiple types of system events, which enhances operational assessment, troubleshooting, and maintenance of the onsite system.



Standard Specifications

- Enclosure dimensions: 11.31"(H) x 9.31"(W) x 5.43"(D)
- Weight: 14.5 lbs.
- 115 VAC, 20 FLA, 1-HP Max, single phase, 60Hz
- 220 VAC, 20 FLA, 2-HP Max, single phase, 60Hz
- NEMA 4X rated - constructed of UV-resistant fiberglass, with stainless steel hinge
- Manual / Off / Auto Operation
- Audio / Visual Alarm - 95 decibel, w/push to silence
- UL/cUL listed
- Built-in dose counter and pump run timer
- Solid-state relay
- Pressure transducer: liquid level sensing with no floats.
- Transducer wire: 14-gauge, 3-wire connection (red, blue, black), rated for direct burial

Features and Benefits

Programmable Interface - both mountable and removable

- Control liquid levels
- Allows for timed dosing
- Removable controller

Floatless Transducer - sensor mounted in pump chamber

- Simple 3-wire connection
- Reduces water tight connections in junction box
- Eliminates sewer gases in panel and crimped tubing

Data Logging - date and time stamp for 4,000+ events

- Allows for system troubleshooting and timely diagnostics
- Allows design vs. actual flow comparisons
- Identify water usage patterns

Veto Level Function

- Allows a programmable override

Ease of Installation

- Only basic tools required - screwdriver, pipe cutter, wirestripper, drill, step bit, tape measure, etc.