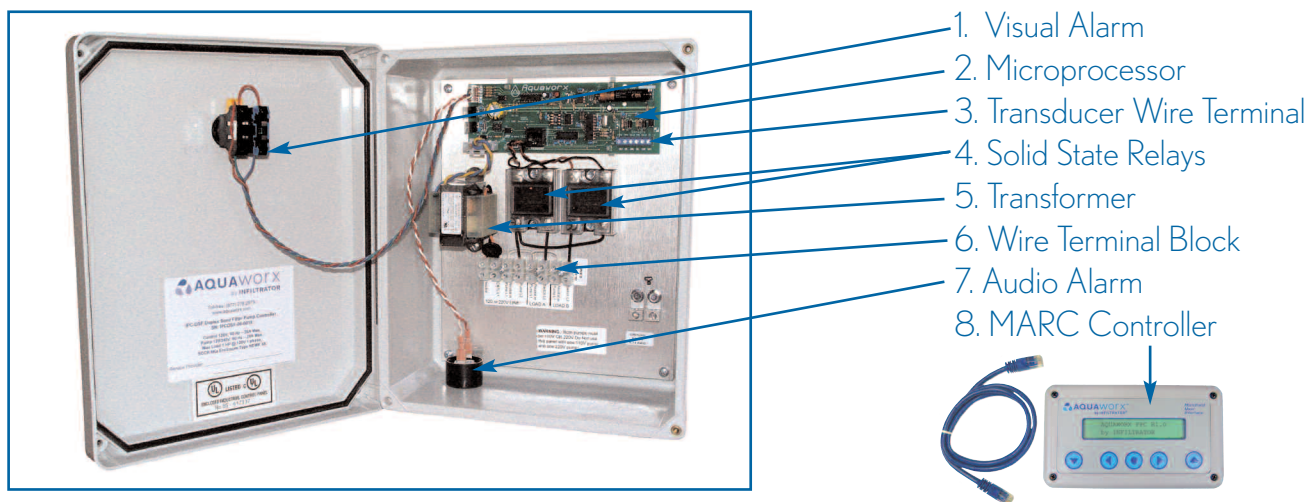


## Technical Data Sheet

### IPC-DSF Duplex Sand Filter Control Panel

The Aquaworx Intelligent Pump Controller (IPC) Panel provides an innovative approach to time controlled pumping. Designed specifically for the onsite industry, the IPC Panel uses floatless pressure transducer technology. The IPC Panel monitors liquid levels, controls pumping time intervals, and logs events using the MARC (Mountable and Removable Controller) as the user interface. 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. The IPC-DSF Sand Filter Panel operates two pumps and two pressure transducers located in separate pump tanks.



### Standard Specifications

- Enclosure dimensions: 13.3"(H) x 11.3"(W) x 5.8"(D)
- Weight: 8.5 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

#### Dual Sensors

- Allows for two individual pressure transducers in two separate pump tanks

#### 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.