



Improve the Operation and **Efficiency** of your Pump Station



MPC Pump Control Systems

Supported by



MPC Pump Station Enterprise Control System

Introducing our new line of configurable multi-pump control system with optional cloud based remote monitoring and notifications with any web enabled smart device such as a tablet or cell phone.

The MPC upgrades your existing pump station with control operation that is designed to maximize energy savings and allow you to select the most efficient operation for your course. The MPC can provide you with constant updates on your pump station status and notify you of a situation requiring immediate attention.

Leading Edge Technology

- Latest generation of Allen Bradley Compact Logix PLC
- Allen Bradley 10" PanelView Plus Color Touch Screen
- Monitor & Control from any PC, Smart Phone or Tablet

Ease of Operation

- Multiple configurations to comply with power provider restrictions
- Fail Safe Operation Modes to allow continual operation
- Protective Pump & System Safeties in all modes
- Operation Set Points are easily changed from HMI Dashboard

Flexible Setup

Configurable for different type, quantity and brands of :

- Pump types and sizes
- Filtration systems
- Fertigation systems
- Water feature and transfer pumps
- Lake Levels can be controlled by probes or by a level transmitter that provides precise control with adjustable set points and trending.

Operation Intelligence

- Available parameters to fine tune your system and give you the tools to monitor and make changes based on current and future demand and conditions
- Industry leading event and alarm logs that provide you with a detailed system snapshot of what the system and pump status were at the time of system or alarm event
- Flow data is available for current and past 2 years and is totaled by day, week month and year
- Intelligent line fill programming allows your system to recover from a power interruption and reduces any impacts to your underground piping system.



MPC Where Control meets Performance

FEATURES



- Compact Logix PLC
- PanelView Plus HMI
- Contactors & SS/OL
- 30 MM Door Devices
-



ENERGY SAVING VFD

- All Main Pumps Start on VFD
- 122 Deg F Rated
- 3.5% DC Link Reactor
- Optional 6 Year Warranty
Including Lightning Strikes

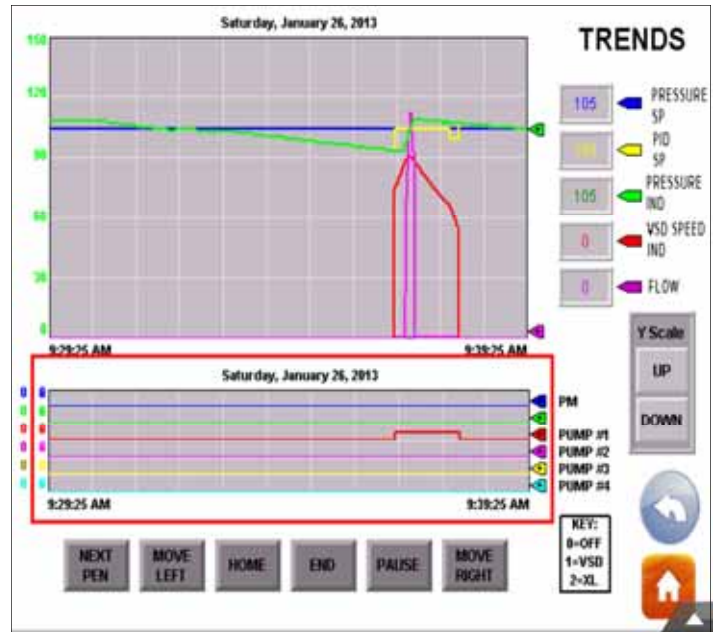


- Powder Coat Finish
- Type NEMA 3R, 4 & 4X SS or AL
- 3 Point Latches
- Cooling: Fan, Heat Exchanger, or AC

STANDARDS

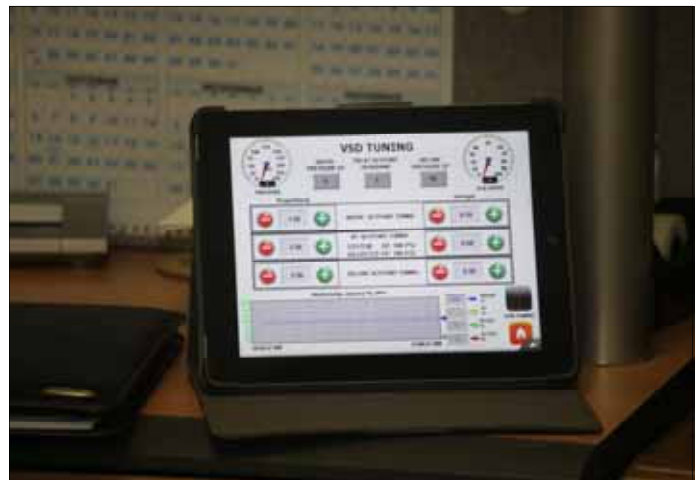
- Main Fused Disconnect
- Service Entrance Rated
- 100 kA SCCR
- High Speed Fuse Protection VFD
- Surge Arrestor
- Phase Monitor
- Pump Inlet Safety
- Lake Level Control

10" HMI TOUCH SCREEN



WEB Based Remote Monitoring

- Access all Screens Remotely
- Monitor & Control Pump Station
- Modify Settings
- Text & Emails for Alarm and Data Reporting
- Remote Program Upgrades





PSP provides a nationwide sales & service network for the MPC and other MCI Products.

Your PS Professional can assist with selection of new and upgraded controls to meet your requirements. The PSP Service Group can provide installation, start-up, maintenance and service on your pump stations control and other control needs.

THE MOTOR CONTROLS ADVANTAGE

Established in 1980, Motor Controls Inc. has placed controls systems throughout the United States and around the world, increasing our capabilities to deliver quality products to our customers. With quality as our top priority, we are certified to **ISO 9001:2000** and design and manufacture to **UL508a**, **UL 50** and **CSA** requirements. MCI has supplied over **200,000** UL listed panels to our global customers.

In our **105,000-square-foot facility** in Dallas, we operate one of the largest control panel factories in the industry. This provides Motor Controls the capacity to meet and exceed the expectations and volume requirements of major companies.



To complete the package, Motor Controls offers something most UL control panel manufacturers can't: the added capability to design and manufacture electrical enclosures. We provide standard and custom enclosure designs, as well as offering customers the economy and practicality of modified standard enclosures to fit specific applications.



Motor Controls Incorporated
2818 Virgo Lane
Dallas Texas, 75229