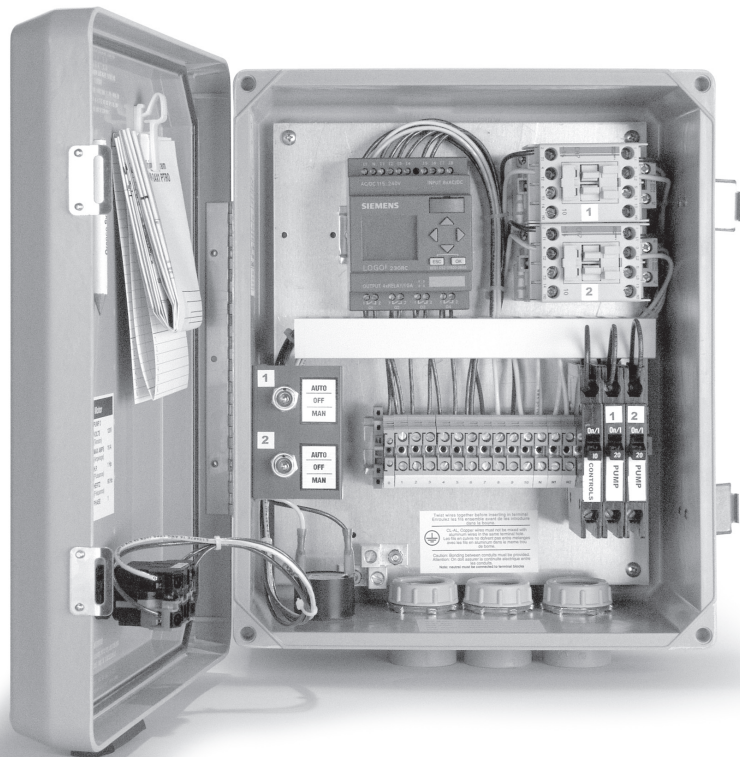


MVP-Duplex Control Panel

Applications

The MVP-Duplex control panel is specifically engineered for demand and timed dosing of onsite wastewater and water treatment systems. It's ideal for timed dosing in two-pump alternating systems. All MVPs include an easy-to-use, programmable logic unit that incorporates many timing and logic functions, such as multiple timing intervals to adjust for changing flow conditions and built-in elapsed time meters and counters. Any water or wastewater system that requires a timer would benefit from the MVP's accuracy and versatility.



Easy to set, accurate, and surprisingly affordable, the MVP brings intelligent control technology to the water and wastewater handling industries.

To Order

Call your nearest Orenco Systems[®], Inc. distributor. For nearest distributor, call Orenco at 800-348-9843 or go to www.orenco.com and click on "Distributor Locator."

APS-CP-MVP-2
Rev. 3.5 © 11/05
Orenco Systems[®], Inc.



Orenco Systems[®]
Incorporated

*Changing the Way the
World Does Wastewater[®]*

800-348-9843
www.orenco.com

Standard Features & Benefits

- Eight inputs and four outputs
- Intervals as long as 99 hours can be set with an accuracy of $\pm 1\%$
- Simple setting instructions are easy to remember
- Built-in programming keys allow reprogramming in the field without a portable computer
- Parameters have understandable abbreviations
- For timed dosing, multiple timer intervals (normal timer, override timer) can be set to accommodate varying flow conditions
- When an alarm condition is reached, a minimum number of override cycles can be set to allow tank levels to drop, thus eliminating nuisance alarms
- Large, backlit LCD display is easy to read
- Ability to use one model of float for all functions simplifies installation
- UL 508 listed in US. Canadian listing also available
- Complete instructions and diagrams come with panel and are affixed to the inside, for in-field reference
- Three-year limited warranty

Standard Features for System Maintenance

- Visual cues (indicators of float position and different alarm/light signals for varying alarm conditions) aid system maintenance
 - Built-in counters for low-level alarms, high-level alarms, overrides (on panels with timer), and power failures. Records total hours in service. These features provide valuable information for system maintenance and troubleshooting
 - Timed delays on float inputs prevent chattering and pump burnout
 - Automatic reactivation of silenced alarm (when problem is not corrected) prevents system failure
- (Optional features on back.)*

Optional Features & Benefits

- Removable EEPROM card for reprogramming the panel in the shop or in the field
- UL698A (Intrinsically Safe listing) for use in hazardous locations
- Self-regulating anticondensation heater (radiates additional wattage as temperature drops)
- Current sensor to signal pump failures; ideal for recirculating filters
- Pump run light to indicate pumping activity

Standard Models

MVP-DAX1 PTR0, MVP-DAX2 PTR0
MVP-DAX1 RO, MVP-DAX2 RO

Model Code for Ordering

MVP-DAX RO

Additional options:
HT = heater
CS = current sensor
PRL = pump run light

RO = redundant off

PT = timed dosing
Blank = demand dosing

Number of intrinsically safe relays

IR = intrinsically safe relays

Voltage:

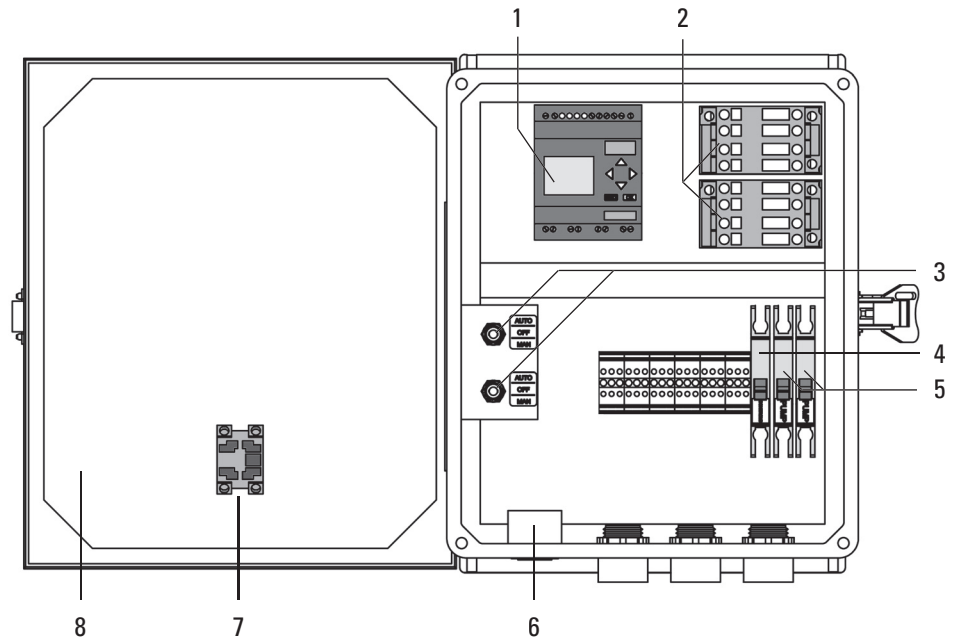
1 = 115 VAC

2 = 230 VAC

Duplex alternating panel series

MVP control panel

1. Programmable Logic Unit
2. Motor-Start Contactor
3. Toggle Switch
4. Controls Circuit Breaker
5. Pump Circuit Breaker
6. Audio Alarm
7. Visual Alarm
8. Panel Enclosure



Distributed By: