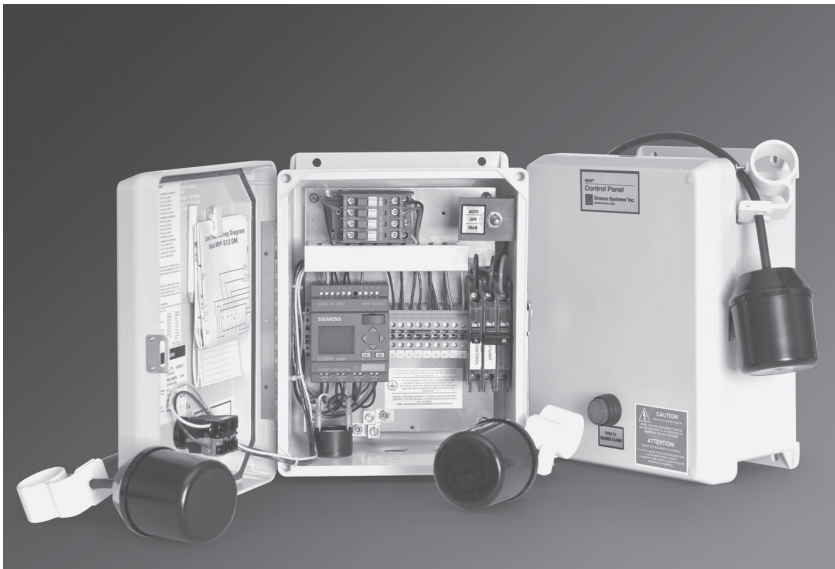


MVP-S1/2DM Simplex Control Panels and Kits

Applications

The MVP-S1/2DM (4-in-1) control panel is ideal for single-pump systems that might otherwise require several different types of panels. The controls circuit operates on 120 V power, the pump circuit is dual-rated for 120 V or 240 V power. In addition, the panel can be configured at the shop or in the field for timed- or demand-dosing applications. 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 a built-in elapsed time meter and counter.



Versatile, flexible, one panel for multiple designs and applications. The MVP-S1/2DM “4-in-1” control panel brings affordable, intelligent control technology to the water and wastewater handling industries. The MVP-S1/2DM Control Panel is also available as a complete panel “kit” (shown here) including floats and adjustable float collars.



To Order

Call your nearest Orenco Systems[®], Inc. Distributor. For nearest Distributor, call Orenco at 800-348-9843, or visit www.orenco.com and click on “Where to Buy.”



Standard Features & Benefits

- Dual voltage-rated pump circuit, 120 V or 240 V
- Programmable for timed or on-demand dosing
- For timed dosing, multiple timer intervals (normal timer, override timer) can be set to accommodate varying flow conditions
- Eight inputs and four outputs
- Simple setting instructions are easy to remember; parameters have understandable abbreviations
- Large, backlit LCD display is easy to read
- Intervals as long as 99 hours can be set with an accuracy of $\pm 1\%$
- Adjustable high-level alarm delay
- Built-in programming keys allow reprogramming in the field without a portable computer
- Ability to use one model of float for all functions simplifies installation
- UL 508 listed in the United States and Canada
- Complete instructions and diagrams come with panel and are affixed to the inside, for reference in the field
- Three-year limited warranty

Standard Features for System Maintenance

- Totalized and resettable data for:
 - Elapsed pump run times
 - Pump cycle counts
 - Low-and high-level alarms
 - Overrides (in timed-dose mode)
 - Power failures
- Different alarm/light signals for different alarm conditions; alarm screen activates when an alarm condition occurs and the alarm type, start time, and date are reported automatically
- Automatic reactivation of silenced alarm (when problem is not corrected) prevents system failure
- Float status screen with error notification and float position indication
- Timed delays on float inputs prevent chattering and pump burnout

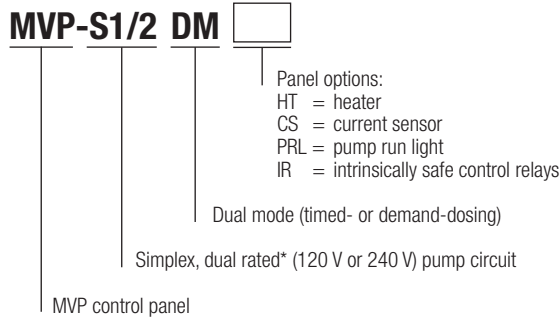
Optional Features & Benefits

- 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 anti-condensation heater (radiates additional wattage as temperature drops)
- Current sensor to signal pump failures; ideal for recirculating filters
- Pump run light to indicate pumping activity

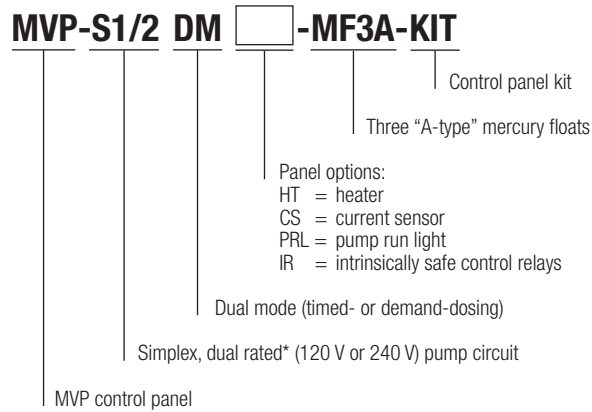
Standard Models

MVP-S1/2DM, MVP-S1/2DM-MF3A-KIT

Model Code for Ordering



* Controls circuit requires 120 V



* Controls circuit requires 120 V

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

