

# Controls and Floats

**Orenco Systems**  
Incorporated

## Simplex Control Panels, "S" Series

Simplex Control Panels can be used for pressure sewer (STEP) systems, onsite treatment systems, and pump control into conventional gravity or pressurized drainfields. "S" series pump control panels are the best choice for a simplex pump and alarm system. These panels include a motor contractor, which increases system life by reducing the load requirements on the float switches. "S" series panels also allow options such as a programmable timer or use of larger horsepower pumps.



## MVP Simplex Control Panels, "MVP-S" Series

MVP Simplex Control Panels are especially suited for timed dosing in single pump systems. All MVP's 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. "MVP-S" panels offer several functions as standard, including the ability to use one float switch type for all functions, elapsed time meters, and digital indication of float switch status.

## Sand Filter Control Panels, "SSF" Series

Sand Filter Control Panels can be used to control two pumps in a sand filter treatment system. "SSF" control panels use motor contractors to activate the pumps, (instead of float switches, as in ASF panels). This allows more flexibility in drawdowns and allows for more options. Interlocked controls prevent the septic tank pump from running if a high level condition occurs in the sand filter. "SSF" series panels also allow for options such as a programmable timer for use of larger horsepower pumps.

## Duplex Control Panels, "DAX" Series

Duplex Control Panels can be used in pressure sewer and onsite treatment systems that require the use of two alternating pumps. The pair of pumps can be wired for both "lead" and "lag" operation; a built-in alternating relay switches the "lead" and "lag" positions each pump cycle.



## Float Switch Assemblies

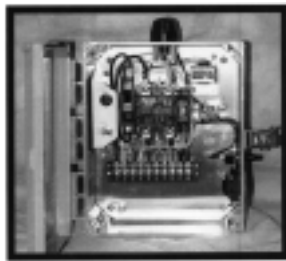
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Model	Signal	Drawdown	Milan Code
MFA	N.O.	1"	SEW20510
MFB	N.O.	4"	SEW20530
MFT	N.C.	1"	SEW20554
MFG	N.C.	4"	SEW20552



## Simplex Dosing Panel

• Two Year Warranty • NEMA 4X enclosure • Alarm Beacon, horn (85db) test/normal/silence switch • Control/alarm fuse • UL Approved • Large, easy-to-use terminal blocks • Locking latch • Event counter • 120VAC control/alarm circuit • HOA (hand/off/auto) switch • Circuit breaker pump protection • Magnetic motor contractor • Rated up to 20FLA (full load amps)



Model	Floats	MFG Part No.	Milan No.
MES-2 Dose Panel	2	CP208	SEW10015
MES-3 Dose Panel	3	CP208E	SEW10020

## Pumpmaster®

Prod No.	HP	Volt	Milan No.
15PMD1WP	1/2	115	SEW10080
15PMD2WP	1	230	SEW10085

## Double Float

Prod No.	HP	Volt	Milan No.
15DFD1WP	1	115	SEW10120
15DFD2WP	2	230	SEW10125

## Pumpmaster Plus®

Prod No.	HP	Volt	Milan No.
15PMPD1WP	3/4	115	SEW10100
15PMPD2WP	2	230	SEW10105

## Sensor Float

Prod No.	Ft	Volt	Milan No.
15PPCNO	30	115	SEW10139

## Cable Weight

Prod No.	Milan No.
Cable Weight	SEW10190