

PULSAFEEDER®

Pulsafeeder's Solenoid Operated Valve part number 12-033-00 is a normally closed, globe pattern, double seated diaphragm, slow closing type solenoid actuated valve with 1" (2.5 cm) FNPT inlet and outlet connections. The valve body is molded of high strength corrosion resistant glass reinforced nylon. All internal parts are corrosion resistant. A fully ported, straight through flow path provides contamination resistance and allows for a minimal pressure drop across the valve. Valve control water is filtered through a conical stainless steel mesh screen.

The valve features a slow control adjustment to limit flow through the valve and an internal manual bleed to allow the valve to be operated without electrical power and no external bleed to water. The valve is electrically operated by a highly efficient solenoid with low current requirements and is totally encapsulated in molded epoxy. Solenoids are rated for continuous duty. Conduit adapters are standard on 115 VAC models.

Features

- High Strength Corrosion Resistant Construction
- Easily Operated Manual Flow Control

Operating Benefits

- Slow closing.
- Manual bleed for opening valve without electrical power.



Aftermarket

- Metering Pumps
- Cooling Tower Controllers
- Boiler Controllers
- Pre-Engineered Systems



Solenoid Operated Valve

Solenoid Operated Valve Specifications

Engineering Data

| | |
|------------------------------------|--|
| Valve Body: | High strength corrosion resistant glass reinforced Nylon |
| Diaphragm: | Fabric reinforced Buna-N |
| Max. Working Pressure: | 150 PSI (10 BAR) |
| Min, Differential Pressure: | 10PSI (.7 BAR) |
| Minimum Flow: | 4 GPH (3.7 LPH) |
| Maximum Flow: | 50 GPM (189.2 LPM) |
| Starting Current: | 24 VAC .35 AMPS 115 VAC .10 AMPS |
| Holding Current: | 24 VAC .23 AMPS 115 VAC .05 AMPS |

Integrated Tank Systems



Integrated Tank Systems

Pulsafeeder's ITS System is a completely integrated tank system constructed of high density UV resistant polyethylene (PE) with a 15 gallon capacity. This tank system is translucent with 5 gallon increments and the tank's low level indicator allows visual monitoring of chemicals without opening the tank. The tight fitting child proof lid keeps the chemical free of contaminants and protects the surrounding area from chemical fumes.

The ITS System also allows for easy access to the liquid end and control panel of the mounted pump.

A system consists of a chemical tank with lid and bulkhead fittings; a liquid level indicator float assembly and feeder mounting hardware.

Custom Engineered Designs – Pre-Engineered Systems



Pre-Engineered Systems

Pulsafeeder's Pre-Engineered Systems are designed to provide complete chemical feed solutions for all electronic metering applications. From stand alone simplex pH control applications to full-featured, redundant sodium hypochlorite disinfection metering, these rugged fabricated assemblies offer turn-key simplicity and industrial-grade durability. The UV-stabilized, high-grade HDPE frame offers maximum chemical compatibility and structural rigidity. Each system is factory assembled and hydrostatically tested prior to shipment.



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