

Innovative Hydraulic Diaphragm Metering Pump for Vapor Handling

PULSAR **HypoPump**

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The Pulsar HypoPump® is specifically designed to meter the full range of concentrations of Sodium Hypochlorite and its vapors. The patent pending design allows pressurized process fluid to cyclically flush liquid and vapors through the pump's discharge check system while maintaining high performance and chemical dosing accuracy.

GAS HANDLING DESIGN

Eliminates gas buildup that normally causes true metering pumps to bind up or lose prime

COMPACT AND SEALLESS BY DESIGN

Design is integral to the pump head and eliminates the need for expensive, unsafe, and unreliable bypass systems that are prone to clogging while promoting clean and leak free performance

SELF PRIMING BY DESIGN

Enhances self priming capabilities since the pump system automatically evacuates entrained air in the pump head and piping system

EXCLUSIVE PATENT PENDING DESIGN

Generational leap in fluid and gas handling metering pump technology—Provides years of uninterrupted service without frequent parts replacements such as tubing, rotors, or stators

MAXIMUM INTERCHANGEABILITY

Components are interchangeable with the Pulsar® Hydraulic Diaphragm pump, which minimizes inventory

CORROSION RESISTANT HARDWARE

Standard stainless steel reagent head bolts and tie bar studs and nuts and powder coated tie bars for maximum atmospheric corrosion resistance

FOUR BOLT TIE BAR SYSTEM

Resists connection forces and piping strain while promoting leak-free performance

THREE COMPONENT CHECK VALVE SYSTEM

High performance ball valve system features wide clearance flow path with controlled rise and four-point guide, assuring optimum life and high performance accuracy

UNIVERSAL DESIGN

Available with NPT, BSPT, ANSI flange, and DIN flange connections, speed and stroke controllers for a multitude of voltages and currents, and NEMA and IEC motor adapters for global installations

WIDE VARIETY OF SYSTEM CONTROL OPTIONS

Available with standard manual stroke adjustment as well as all exclusive Pulsar® speed and stroke control options

FIELD PROVEN PERFORMANCE

Preferred solution in a wide variety of successful installations in municipal and industrial water and wastewater applications



- » PRECISION
- » MODULAR
- » UNIVERSAL
- » RELIABLE



STANDARD LIQUID END MATERIALS OF CONSTRUCTION

Const. Ref.	Reagent Head	Flat Diaphragm	Check Valves			Cap & Guide
			Ball	Seat	Gasket	
PVC	PVC	TFE FACED	ALA	PVC	PTFE	PVC
PVDF	PVDF	TFE FACED	ALA	PVDF	PTFE	PVDF

ALA = Alumina Ceramic

PULSAR HYPOPUMP®

CAPACITY RANGE		MAXIMUM RATED PRESSURE	
60 HZ GPH (LPH)	50 HZ GPH (LPH)	PSIG	BAR
0.64 - 106.9 (2.6 - 404.7)	0.57 - 110.0 (2.14 - 416.4)	150.0	10.4

This pump is available with flat composite and solid PTFE diaphragms.



PVC Threaded PVDF Flanged PVDF Threaded

These and other process end connections are available.