



Pulsafeeder has revolutionized the dosing of Sodium Hypochlorite and other off-gassing fluids with its patented **Hypo** technology for use with diaphragm metering pumps. In its continuous pursuit of perfection Pulsafeeder is proud to announce the release of its second generation control technology - the **HypoPump**[®] 2. The Patented technology protects the accuracy of a diaphragm metering pump by shunting entrained gas from the metering chamber to the pump discharge. This technology is available with the Pulsar Shadow[®] mechanical metering pumps to deliver consistent, accurate, and repeatable performance.

Key Features

- Automatic removal of entrained gasses from the reagent head
- Fully integrated closed loop design; no external valves or piping required.
- Balanced low stress dynamic seal offers extended operating life (3-year warranty).
- Activation chamber includes double seals and standard leak detection.
- Low maintenance, tool-free design.
- Simple KOPkit includes all service components.
- Control electronics are isolated from process fluids for extended life (5-year warranty).
- Standard 115/230 VAC operation at 50/60 Hz.
- NEMA 4X and IP56
- Approved to UL, CSA and CE standards

Control Options



DLC/DLCM

The DLC is an analog stroke length adjustment controller with a 10:1 turndown capability. The DLCM controls both speed and stroke length and has a combined turndown of 50:1.



ECA

The ECA is a digital signal step stroke controller with 0.1% stroke adjust capability and a 10:1 turndown.



MPC

The MPC is an advanced pump speed based controller with a 1000:1 turndown ability. It features a detachable handheld keypad that can be mounted up to 1000ft (304m) from the pump.

Operating Benefits

- 3 year warranty against manufacturing defects
- Steady state accuracy of $\pm 2\%$
- Long Diaphragm Life
- Tool-free design for ease of maintenance and access
- Seal verification port
- Self-priming and easy to start up
- Vapor Lock Proof



Aftermarket & Accessory Offerings

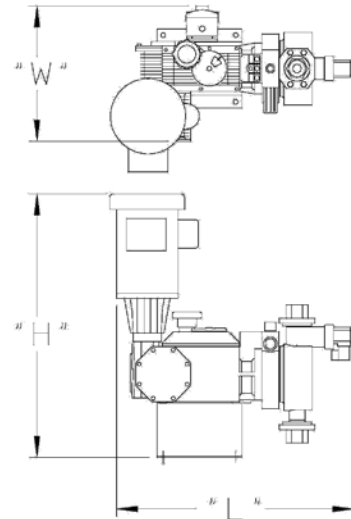
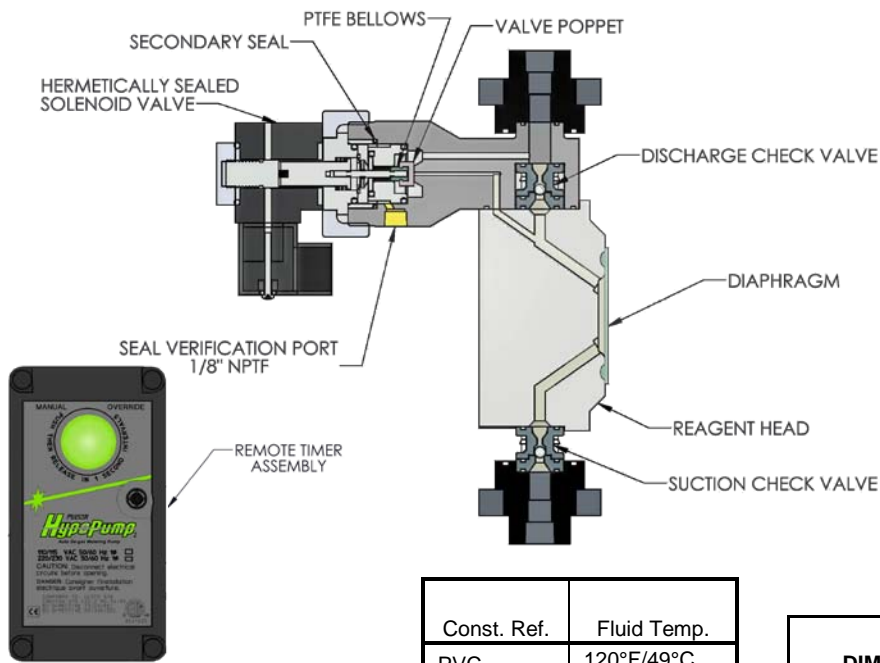
- Upgrade and Retrofit Kits
- KOPkit[®]
- Calibration Columns
- Y Strainers
- Pressure Relief Valves
- Back Pressure Valves
- Pulsation Dampeners
- Pressure Gauges
- PulsaAlarm Leak Detection



Specifications and Model Selection

Pump Model & Head Size	Consult your Pulsafeeder sales representative for plastic wetted ends				Rated Pressure	
	60 HZ GPH	60 HZ LPH	50 HZ GPH	50 HZ LPH	PSIG	BAR
Includes all stroking rates						
25BB B Head	2.6 – 7.7	9.7 – 29.1	2.1 – 7.9	8.1 – 29.9	150	10.3
25BB C Head	5.9 – 17.7	22.5 – 67.2	4.9 – 18.2	18.6 – 69.2	150	10.3
25BD C Head	8.9 – 26.7	33.8 – 100.9	7.4 – 27.4	27.9 – 103.8	150	10.3
55BD C Head	7.8 – 23.3	29.6 – 88.3	6.5 – 24.0	24.4 – 90.8	150	10.3
55BD D Head	14.1 – 41.8	53.1 – 158.1	11.6 – 43.1	43.9 – 163.0	150	10.3
55BF D Head	23.4 – 69.7	88.5 – 263.8	19.3 – 71.8	73.2 – 271.6	150	10.3
55 BF E Head	51.5 – 153.3	195.0 – 581.0	42.6 – 158.1	161.0 – 598.5	75	5.2

Pulsar Shadow HypoPump[®] is available with PTFE/elastomer composite and leak detection diaphragms



Const. Ref.	Fluid Temp.
PVC	120°F/49°C
PVDF	150°F/65°C

DIM	MODEL 25		MODEL 55	
	Inch	MM	Inch	MM
L	21.4	544.8	22.5	571.8
W	10.6	269.3	10.6	269.3
H	32.1	816.2	32.1	816.2
Approx Shipping Weight	127 lbs	57.6 kg	142 lbs	64.4 kg

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

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An ISO 9001 and ISO 14001 Certified Company



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