* PULSAFEEDER®

The Pulsatron Series C Plus offers manual function control over stroke length and stroke rate as standard with the option to select external pace for automatic control. The primary difference between the Series A Plus and Series C Plus is the pressure rating.

Four distinct models are available, having pressure capabilities of 80 PSIG (5.6 BAR), and flow capacities up to 30 GPD (4.7 lph), with a turndown ratio of 100:1. Metering performance is reproducible to within \pm 3% of maximum capacity.

Features

- Manual Control by on-line adjustable stroke rate and stroke length.
- Highly Reliable timing circuit.
- Circuit Protection against voltage and current upsets.
- Solenoid Protection by thermal overload with autoreset.
- Water Resistant, for outdoor and indoor applications.
- Internally Dampened To Reduce Noise.
- Guided Ball Check Valve Systems, to reduce back flow and enhance outstanding priming characteristics.
- Few Moving Parts and Wall Mountable.
- Safe & Easy Priming with durable leak-free bleed valve assembly (standard).
- Optional Control: External pace with auto/manual selection.

Controls



Manual Stroke Rate

Turn-Down Ratio 10:1

Manual Stroke Length

Turn-Down Ratio 10:1

External Pacing- Optional

Auto/Manual Selection

Operating Benefits

- Reliable metering performance.
- Rated "hot" for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.



Aftermarket

- KOPkits
- Gauges
- Dampeners
- Pressure Relief Valves
- Tanks
- Pre-Engineered Systems
- Process Controllers (MicroVision)









PULSAfron® Series C Plus Electronic Metering Pumps



Series C Plus

Specifications and Model Selection

MODEL		LD02	LD03	LD04	LD54	
Capacity	GPH	0.25	0.50	1.00	1.25	
nominal	GPD	6	12	24	30	
(max.)	LPH	0.9	1.9	3.8	4.7	
Pressure	PSIG	80	80	80	80	
(max.)	BAR	5.6	5.6	5.6	5.6	
Connections:	Tubing	1/4" ID X 3/8" OD 3/8" ID X 1/2" OD 1/4" FNPT				
	Piping					

Engineering Data

Pump Head Materials Available: GFPPL

PVC PVDF 316 SS

Diaphragm: PTFE-faced CSPE-backed

Check Valves Materials Available:

Seats/O-Rings: PTFE

CSPE Viton

Balls: Ceramic

PTFE 316 SS Alloy C

Fittings Materials Available: GFPPL

PVC PVDF

Bleed Valve: Same as fitting and check valve

selected, except 316SS

Injection Valve & Foot Valve Assy: Same as fitting and check valve

selected

Tubing: Clear PVC White PE

Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

Engineering Data

Reproducibility: +/- 3% at maximum capacity

Viscosity Max CPS: 1000 CPS
Stroke Frequency Max SPM: 125
Stroke Frequency Turn-Down Ratio: 10:1
Stroke Length Turn-Down Ratio: 10:1

Power Input: 115 VAC/50-60 HZ/1 ph 230 VAC/50-60 HZ/1 ph

Average Current Draw:

@ 115 VAC; Amps: 0.6 Amps

@ 230 VAC; Amps: 0.3 Amps @ 230 VAC

Peak Input Power: 130 Watts
Average Input Power @ Max SPM: 50 Watts

Custom Engineered Designs – Pre-Engineered Systems



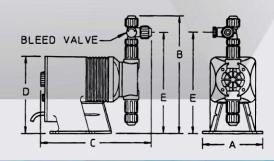
Pre-Engineered Systems

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.

Dimensions

Series C PLUS Dimensions (inches)									
Model No.	A	В	С	D	E	Shipping Weight			
LD02	5.0	9.6	9.5	6.5	8.2	10			
LD03	5.0	9.9	9.5	6.5	8.5	10			
LD04	5.0	9.9	9.5	6.5	8.5	10			
I D54	5.0	99	9.5	6.5	8.5	10			

NOTE: Inches X 2.54 = cm



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