



# PULSAtron® Series HV

## Specifications and Model Selection

MODEL		LVB3	LVF4	LVG4	LVG5	LVH7
Capacity nominal (max.)	GPH	0.50	1.00	2.00	4.00	10.00
	GPD	12	24	48	96	240
	LPH	1.9	3.8	7.6	15.1	37.9
Pressure (max.)	PSIG	150	150	110	110	80
	BAR	10	10	7	7	5.6
Connections:	Tubing	(S) .50" I.D. X .75" O.D. .38" I.D. X .50" OD (LVB3 & F4 only) (S & D) .50" I.D. X .75" O.D. (LVG4, G5 & H7 only)				

### Engineering Data

<b>Pump Head Materials Available:</b>	GFPPL PVC
<b>Diaphragm:</b>	PTFE-faced CSPE-backed
<b>Check Valves Materials Available:</b>	
<b>Seats/O-Rings:</b>	PTFE CSPE Viton
<b>Balls:</b>	PTFE 316 SS
<b>Fittings Materials Available:</b>	GFPPL PVC
<b>Injection Valve &amp; Foot Valve Assy:</b>	Same as fitting and check valve selected
<b>Tubing:</b>	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

<b>Reproducibility:</b>	+/- 2% at maximum capacity
<b>Viscosity Max CPS:</b>	20,000 CPS
<b>Stroke Frequency Max SPM:</b>	125
<b>Stroke Frequency Turn-Down Ratio:</b>	10:1
<b>Stroke Length Turn-Down Ratio:</b>	10:1
<b>Power Input:</b>	115 VAC/50-60 HZ/1 ph 230 VAC/50-60 HZ/1 ph
<b>Average Current Draw:</b>	
<b>@ 115 VAC; Amps:</b>	1.0 Amps
<b>@ 230 VAC; Amps:</b>	0.5 Amps @ 230 VAC
<b>Peak Input Power:</b>	300 Watts
<b>Average Input Power @ Max SPM:</b>	130 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 HV Dimensions (inches)					
Model No.	A	B	C	D	Shipping Weight
LVB3	5.4	9.3	9.5	7.5	13
LVF4	5.4	10.8	10.8	7.5	18
LVG4	5.4	9.5	10.6	7.5	18
LVG5	5.4	10.8	10.8	7.5	18
LVH7	6.1	11.5	11	8.2	25

NOTE: Inches X 2.54 = cm

