

PULSAtron[®] Series HV

Key Features

- **Automatic Control**, available with 4-20 mA DC direct or external pacing, with stop function.
- **Manual Control** by on-line adjustable stroke rate and stroke length.
- **Agency approved** for demanding **OUTDOOR** and indoor applications.
- **Auto-Off-Manual** switch.
- **Highly Reliable** timing circuit.
- **Circuit Protection** against voltage and current upsets.
- **Panel Mounted Fuse.**
- **Solenoid Protection** by thermal overload with auto re-set.
- **Water Resistant**, for outdoor and indoor applications.
- **Indicator Lights**, panel mounted.
- **Guided Ball Check Valve Systems**, to reduce back flow and enhance outstanding priming characteristics.
- **Viscosities to 20,000 CPS.**



Pressure and Flow Rate Capacity

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)					
Reproducibility	+/- 2% at maximum capacity					
Viscosity Max CPS	20,000 CPS					
Stroke Frequency	125 Strokes Per Minute (SPM) maximum					
Stroke Frequency	10:1					
Stroke Length Turn-	10:1					
Power Input	115 VAC/50-60 HZ/1 ph 230 VAC/50-60 HZ/1 ph					
Average Current	1.0 Amps @ 115 VAC, 0.5 Amps @ 230 VAC					
Peak Input Power	300 Watts					
Average Input Power	130 Watts					

PULSAtron Series HV Selection Guide

MODELS:	Price	Model	Flow / Pressure
	\$ 561	B3	= 0.50 gph / 12 gpd (1.9 lph) max pres.: 150 PSI (10 BAR)
	\$ 703	F4	= 1.00 gph / 24 gpd (3.8 lph) max pres.: 150 PSI (10 BAR)
	\$ 854	G4	= 2.00 gph / 48 gpd (7.6 lph) max pres.: 110 PSI (7 BAR)
	\$ 871	G5	= 4.00 gph / 96 gpd (15.1 lph) max pres.: 110 PSI (7 BAR)
	\$ 1,080	H7	= 10.0 gph / 240 gpd (37.9 lph) max pres.: 80 PSI (5.6 BAR)

CONTROLS:	Price	Code	Description
	N/C	S	= Manual On/Off
	\$ 248	M	= 4-20mADC Direct, w/ Stop
	\$ 98	E	= External/Remote Pacing, w/ Stop

ELECTRICAL:	Price	Code	Description
	N/C	A	= 115 Volt / 50-60Hz
	N/C	1	= 115 Volt / 50-60Hz (without agency approvals)
	\$ 20	B	= 230 Volt / 50-60Hz / 1ph with 6' (1.8m) 3-wire US Plug
	\$ 20	2	= 230 Volt / 50-60Hz (without agency approvals)

LIQUID END MATERIALS:	Price	Code	Description
	\$ 24	WTS	= PVC / TFE / 316 Stainless Steel - LVH4 & H7 only
	\$ 12	VTT	= PVC / TFE / TFE - LVB3 & F4 only
Pump Head & Fittings/Seats & O-rings/Balls	\$ 24	VTS	= PVC / TFE / 316 Stainless Steel - LVG5 & G4 No other liquid end materials available.

CONNECTION SIZES:	Price	Code	Description
	\$ 79	5	= Tubing (S) .50" I.D. x .75" O.D. / .38" I.D. x .50" O.D. - LVB3 & F4 only
	\$ 133	K	= Tubing .50" I.D. x .75" o.d. - LVH4, G4, G5 & H7 only

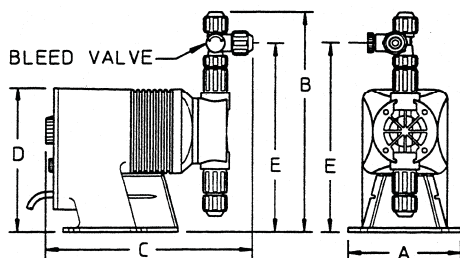
No other connection sizes available. Pumps come with 4' suction tubing and 8' discharge tubing. No bleed valve available.

SUFFIX CODES	Price	Code	Description
	N/C	XXX	= No Additional Options
	N/C	CZXXX	= CE Approval (5 digits used for this suffix code)

See pages 9, 10 & 11 for additional information and specs.

A completed model number should look like 'LVB3SA-VTT5-XXX'

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