

PULSAtron® Series E

Key Features

- **Manual Control** by on-line adjustable stroke rate and stroke length.
- **Agency approved** for demanding **OUTDOOR** and indoor applications.
- **Highly Reliable** timing circuit.
- **Water Resistant** excellent for **OUTDOOR** and indoor applications.
- **Internally Dampened To Reduce Noise**, very acceptable for household installations.
- **Guided Ball Check Valve Systems**, to reduce back flow and enhance outstanding priming characteristics.
- **Premium Standard Wetted Component Materials**.
- **Few Moving Parts** and **Wall Mountable**.
- **Safe & Easy Priming** with durable leak-free **bleed valve assembly** (standard).



Pressure and Flow Rate Capacity

MODEL	LEK2	LE12	LE02	LE33	LE13	LE03	LEK3	LEF4	LE34	LE14	LEH4	LEG4	LE44	LEK5	LEH5	LEH6	LEK7	LEH7	LEJ7	LEH8	
Capacity nominal (max.)	GPH	0.13	0.21	0.25	0.50	0.50	0.50	0.60	0.85	0.90	1.00	1.70	1.75	1.85	2.50	3.15	5.00	8.00	10.00	10.00	25.00
	GPD	3	5	6	12	12	12	14	20	22	24	41	42	44	60	76	120	192	240	240	600
	LPH	0.5	0.8	0.9	1.9	1.9	1.9	2.3	3.2	3.4	3.8	6.4	6.6	7	9.5	11.9	18.9	30.3	37.9	37.9	94.6
Pressure (max.)	PSIG	300	250	150	250	150	100	100	250	150	100	250	150	100	150	150	100	50	35	85	30
	BAR	21	17	10	17	10	7	7	17	10	7	17	10	7	10	10	7	3.3	2.4	5.5	2
Connections:	Tubing	1/4" ID X 3/8" OD 3/8" ID X 1/2" OD 3/16" ID X 5/16" OD											3/8" ID X 1/2" OD 1/2" ID X 3/4" OD (LPH8 ONLY)								
	Piping	1/4" FNPT											1/4" FNPT 1/2" FNPT								
Reproducibility	+/- 3% at maximum capacity																				
Viscosity Max CPS	For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material. Flow rate will determine connection/ball size. Greater than 3000 CPS require spring loaded ball checks. See Selection Guide for proper connection.																				
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:				LV					
\$ 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:			
N/C	S	= Manual On/Off	
\$ 248	M	= 4-20mADC Direct, w/ Stop	
\$ 98	E	= External/Remote Pacing, w/ Stop	

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

CONNECTION SIZES:			
\$ 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	

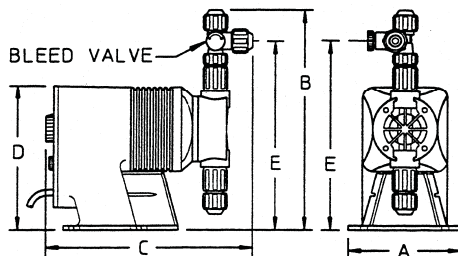
No other connection sizes available. Pumps come with 4' suction tubing and 8' discharge tubing. No bleed valve available.

SUFFIX CODES			
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