

PULSAtron® Series A PLUS

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).
- **Optional Control**: External pace with auto/manual selection.



Pressure and Flow Rate Capacity

MODEL	LBC2	LB02	LBC3	LB03	LB04	LB64	LBC4
Capacity							
nominal	GPH 0.25	0.25	0.42	0.50	1.00	1.25	2.00
(max.)	GPD 6	6	10	12	24	30	48
	LPH 0.9	0.9	1.6	1.9	3.8	4.7	7.6
Pressure							
(max.)	PSIG 250	150	250	150	100	100	50
	BAR 17	10	17	10	7	7	3.3
Connections:	Tubing	1/4" ID X 3/8" OD 3/8" ID X 1/2" OD 3/16" ID X 5/16" OD					
	Piping	1/4" FNPT					
Reproducibility	+/- 3% at maximum capacity						
Viscosity Max CPS	1000						
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	0.6 Amps @ 115 VAC, 0.3 Amps @ 230 VAC						
Peak Input Power	130 Watts						
Average Input Power	50 Watts						

PULSAtron Series A Plus Selection Guide

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MODELS:	\$ 406	C2	= 0.25 gph / 6 gpd (0.9 lph) max pres.: 250 PSI (17 BAR)
	\$ 406	C3	= 0.42 gph / 10 gpd (1.6 lph) max pres.: 250 PSI (17 BAR)
	\$ 406	02	= 0.25 gph / 6 gpd (0.9 lph) max pres.: 150 PSI (10 BAR)
	\$ 406	03	= 0.50 gph / 12 gpd (1.9 lph) max pres.: 150 PSI (10 BAR)
	\$ 406	04	= 1.00 gph / 24 gpd (3.8 lph) max pres.: 100 PSI (7 BAR)
	\$ 406	64	= 1.25 gph / 30 gpd (4.7 lph) max pres.: 100 PSI (7 BAR)
	\$ 406	C4	= 2.00 gph / 48 gpd (7.6 lph) max pres.: 50 PSI (3.3 BAR)

CONTROLS:	N/C	S	= Manual
	\$ 88	E	= External Pacing w/ Auto/Manual Switch
	\$ 88	G	= External Pacing w/ Prime Button
	\$ 79	P	= Stop Function Option

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: Pump Head & Fittings/Seats & O-rings/Balls	N/C	PHC	= GFFPL / Hypalon / Ceramic
	\$ 12	PTC	= GFFPL / TFE / Ceramic
	\$ 7	PVC	= GFFPL / Viton / Ceramic
	\$ 62	KTC	= PVDF / TFE / Ceramic
	N/C	VHC	= PVC / Hypalon / Ceramic
	\$ 12	VTC	= PVC / TFE / Ceramic (models <= 150 psi)
	\$ 12	WTC	= PVC / TFE / Ceramic (models > 150 psi)

See page 6 for additional liquid end materials.

CONNECTION SIZES:	N/C	1	= Tubing .25" I.D. x .38" O.D. / .25" Ball, 0 - 1.88 GPH
	N/C	3	= Tubing .38" I.D. x .50" O.D. / .38" Ball, 1.63 - 10 GPH
	\$ 97	9	= Degas Head: (S) 5/16", (D) 3/8", 0-1.83 GPH
	N/C	J	= Tubing, Suc: .19" I.D. x .31" O.D.; Dis: .25" I.D. x .38" O.D.; .19 Ball; 0 - 1.04 GPH
	METRIC:		
	N/C	R	= G 1/2 A Threads, .25" Ball, 0 - 7.10 LPH
	N/C	Y	= 6 x 12mm, .25" Ball, 0 - 7.10 LPH

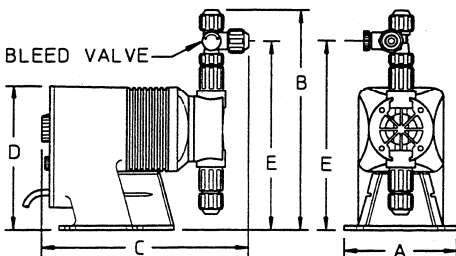
Please Refer to page 7 for additional connection sizes. All pumps with tubing connections come with the following items (except for LMH8, LPH8, LEH8, HV series pumps and pumps >150PSI in PVC): 4' Suction, 4' Return, 8' discharge tubing, footvalve/strainer

SUFFIX CODES:	N/C	XXX	= No Additional Options
	\$ 105	130	= PVDF Tubing
	\$ 66	500	= Five Function Valve
	\$ 152	520	= Five Function Degas Valve
	\$ 180	ITS	= 15 gal. ITS Tank System (ITS Tank not available on LM, LP, LT, and LE: H4, H5, H6, H7, H8, K7 models)
	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 'LB03SA-PTC1-XXX'

Dimensions



Series A PLUS Dimensions (inches)						
Model No.	A	B	C	D	E	Shipping Weight
LB02	5.0	9.6	9.5	6.5	8.2	10
LBC2	5.0	9.9	9.5	6.5	8.5	10
LBC3	5.0	9.9	9.5	6.5	8.5	10
LB03	5.0	9.9	9.5	6.5	8.5	10
LB04	5.0	9.9	9.5	6.5	8.5	10
LB64	5.0	9.9	9.5	6.5	8.5	10
LBC4	5.0	9.9	9.5	6.5	8.5	10

NOTE: Inches X 2.54 = cm