

PULSAtron® Series C

Key Features

- **Automatic Control** by external pacing with prime switch (optional).
- **Manual Control** by on-line adjustable stroke length (fixed stroke rate).
- **Liquid Low Level Option** available to prevent loss of prime.
- **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		LC02	LC03	LC04	LC54
Capacity nominal (max.)	GPH	0.25	0.50	1.00	1.25
	GPD	6	12	24	30
	LPH	0.9	1.9	3.8	4.7
Pressure (max.)	PSIG	80	80	80	80
	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 3/16" ID X 5/16" OD			
	Piping	1/4" FNPT			
Reproducibility	+/- 3% at maximum capacity				
Viscosity Max CPS	1000 CPS				
Stroke Frequency	125 Strokes Per Minute (SPM) maximum				
Stroke Length Turn-	5:1				
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 C Selection Guide

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MODELS:	\$ 331	02	= 0.25 gpd / 6 gpd (0.9 lph) max pres.: 80 PSI (5.6 BAR)
	\$ 331	03	= 0.50 gpd / 12 gpd (1.9 lph) max pres.: 80 PSI (5.6 BAR)
	\$ 331	04	= 1.00 gpd / 24 gpd (3.8 lph) max pres.: 80 PSI (5.6 BAR)
	\$ 331	54	= 1.25 gpd / 30 gpd (4.7 lph) max pres.: 80 PSI (5.6 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:	N/C	PHC	= GFPP / Hypalon / Ceramic
	\$ 12	PTC	= GFPP / TFE / Ceramic
	N/C	KTC	= PVC / Hypalon / Ceramic
	\$ 12	VHC	= PVC / TFE / Ceramic
	\$ 7	VTC	= PVC / Viton / Ceramic

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	A	= Tubing .38" I.D. x .50" O.D. / .25" Ball, 0 - 1.88 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
	N/C	P	= 4 x 6mm, .25" Ball, 0 - 3.94 LPH
	N/C	U	= 6 x 10mm, .25" Ball, 0 - 7.10 LPH

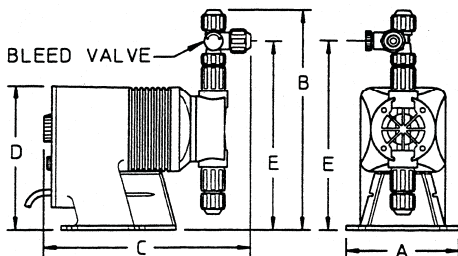
Please Refer to page 7 for additional connection sizes. All pumps with tubing connections come with the following items (except for LMH8, LPH8, LEH8, HV series pumps and pumps >150PSI in PVC): 4' Suction, 4' Return, 8' discharge tubing, footvalve/strainer

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 'LC03SA-PTC1-XXX'

Dimensions



Series C Dimensions (inches)						
Model No.	A	B	C	D	E	Shipping Weight
LC02	5.0	9.6	9.5	6.5	8.2	10
LC03	5.0	9.9	9.5	6.5	8.5	10
LC04	5.0	9.9	9.5	6.5	8.5	10
LC54	5.0	9.9	9.5	6.5	8.5	10

NOTE: Inches X 2.54 = cm