

# PULSAtron® *Electronic Metering Pumps*

## Series C 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

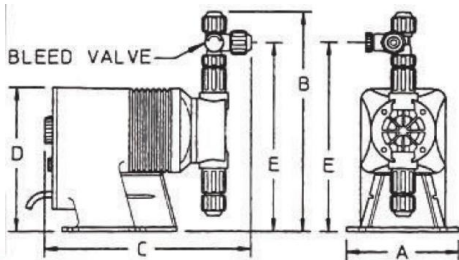
MODEL		LD02	LD03	LD04	LD54
Capacity nominal (max.)	GPH	0.25	0.50	1.00	1.25
	GPD	6	12	24	30
	LPH	0.9	1.9	3.8	4.7
Pressure (max.)	PSIG	80	80	80	80
	BAR	5.6	5.6	5.6	5.6
Connections	Tubing	1/4" ID X 3/8" OD			
		3/8" ID X 1/2" OD			
	Piping	1/4" FNPT			

### Engineering Data

Reproducibility:	+/- 3% at maximum capacity
Viscosity Max CPS:	1000 CPS
Stroke Frequency Max SPM:	125
Stroke Frequency Turn-Down Ratio:	10:1
Stroke Length Turn-Down Ratio:	10:1
Power Input:	115 VAC/50-60 HZ/1 ph 230 VAC/50-60 HZ/1 ph
Average Current Draw:	
@ 115 VAC; Amps:	0.6 Amps
@ 230 VAC; Amps:	0.3 Amps @ 230 VAC
Peak Input Power:	130 Watts
Average Input Power @ Max SPM:1	50 Watts

PULSAtron Series C Plus Selection Guide		LD				
<b>MODELS:</b>	02 = 0.25 gph / 6 gpd (0.9 lph) max pres.: 80 PSI (5.6 BAR) 03 = 0.50 gph / 12 gpd (1.9 lph) max pres.: 80 PSI (5.6 BAR) 04 = 1.00 gph / 24 gpd (3.8 lph) max pres.: 80 PSI (5.6 BAR) 54 = 1.25 gph / 30 gpd (4.7 lph) max pres.: 80 PSI (5.6 BAR)					
<b>CONTROLS:</b>	S = Manual E = External Pacing w/ Auto/Manual Switch G = External Pacing w/ Prime Button P = Stop Function Option					
<b>ELECTRICAL:</b>	A = 115 Volt / 50-60Hz 1 = 115 Volt / 50-60Hz (without agency approvals) B = 230 Volt / 50-60Hz / 1ph with 6' (1.8m) 3-wire US Plug 2 = 230 Volt / 50-60Hz (without agency approvals)					
<b>LIQUID END MATERIALS:</b>	PHC = GFPP / CSPE / Ceramic PTC = GFPP / TFE / Ceramic KTC = PVDF / TFE / Ceramic VHC = PVC / CSPE / Ceramic VTC = PVC / TFE / Ceramic					
See page 6 for additional liquid end materials.						
<b>CONNECTION SIZES:</b>	1 = Tubing .25" I.D. x .38" O.D. / .25" Ball, 0 - 1.88 GPH A = Tubing .38" I.D. x .50" O.D. / .25" Ball, 0 - 1.88 GPH J = Tubing .25" I.D. x .38" O.D. / .19" Ball; 0 - 1.04 GPH					
	<b>METRIC:</b> R = G 1/2 A Threads, .25" Ball, 0 - 7.10 LPH Y = 9 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, HV Series pumps): 4' Suction, 4' Return, 8' discharge tubing, footvalve/strainer assy., injection valve and bleed valve.						
<b>SUFFIX CODES:</b>	XXX = No Additional Options 130 = PVDF Tubing 500 = Five Function Valve 520 = Five Function Degas Valve ITS = 15 gal. ITS Tank System CZ_XXX = CE Approval (CZXXX=Europe; CZUKXXX=UK; CZSUIXXX=Switzerland/Liechtenstein)					
See pages 8 & 9 for additional information and specs.						
A completed model number should look like 'LD03SA-PTC1-XXX'						

**Dimensions**



Series C PLUS Dimensions (inches)						
Model No.	A	B	C	D	E	Shipping Weight
LD02	5.0	9.6	9.5	6.5	8.2	10
LD03	5.0	9.9	9.5	6.5	8.5	10
LD04	5.0	9.9	9.5	6.5	8.5	10
LD54	5.0	9.9	9.5	6.5	8.5	10

NOTE: Inches X 2.54 = cm