

PULSAtron[®] 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 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 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 C Plus Selection Guide

| MODELS: | | | |
|---------|----|-------------------------------|-----------------------------|
| \$ 371 | 02 | = 0.25 gpd / 6 gpd (0.9 lph) | max pres.: 80 PSI (5.6 BAR) |
| \$ 371 | 03 | = 0.50 gpd / 12 gpd (1.9 lph) | max pres.: 80 PSI (5.6 BAR) |
| \$ 371 | 04 | = 1.00 gpd / 24 gpd (3.8 lph) | max pres.: 80 PSI (5.6 BAR) |
| \$ 371 | 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 | |
| \$ 62 | KTC | = PVDF / TFE / Ceramic | |
| N/C | VHC | = PVC / Hypalon / Ceramic | |
| \$ 12 | VTC | = PVC / TFE / 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 | |
| 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 | |

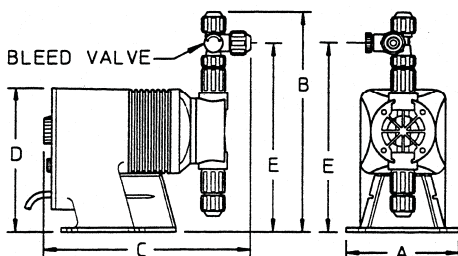
Please Refer to page 7 for additional connection sizes. All pumps with tubing connections come with the following items (except for LMH8, LPH8, LEH8, HV series pumps and pumps >150PSI in PVC): 4' Suction, 4' Return, 8' discharge tubing, footvalve/strainer

| 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 '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