

# PULSAtron® Series E-DC

## Key Features

- **Powered by 12 Volt DC.**
- **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).



## Specifications

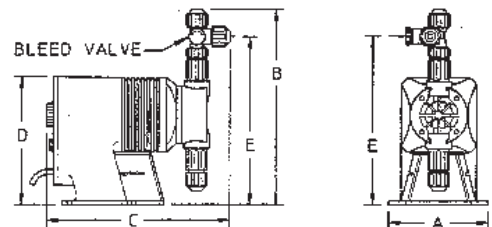
Connections:	Tubing	1/4" ID X 3/8" OD 3/8" ID X 1/2" OD
	Piping	1/4" FNPT
Reproducibility at max. capacity		+/- 3%
Viscosity Max CPS		
LS02, 13		300
LS14, 44		1000
Stroke Frequency Max SPM		125
Stroke Frequency Turn-Down Ratio		10:1
Stroke Length Turn-Down Ratio		10:1
Power Input		12.6VDC Nominal Range 11.8 - 14.0 VDC
Average Current Draw		
LS02, 13, 14		4.0 Amps
LS44		8.0 Amps
Peak Input Power Watts		
LS02, 13, 14		138.6
LS44		189.0
Average Input Power @ max SPM: Watts		
LS02, 13, 14		50.4
LS44		100.8



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## Dimensions



## Pressure and Flow Rate Capacity

Capacity, nominal	GPH	0.25	0.50	1.00	1.85
	GPD	6	12	24	44
	LPH	0.9	1.9	3.8	7.0
Pressure, max PSIG/Bar					
	150/10	LS02	LS13	---	---
100/7		---	---	LS14	LS44

Series E-DC Dimensions (inches)

Model No.	A	B	C	D	E	Shipping Weight (lbs.)
LS02	5.0	9.6	9.6	6.5	8.2	10
LS13	5.0	9.9	9.5	6.5	8.5	10
LS14	5.0	9.9	9.5	6.5	8.5	10
LS44	5.0	10.6	11.4	7.5	9.2	15

Note: Inches x 2.54=cm