PULSAFEEDER®

PULSAtron Series A Plus

The Pulsatron Series A Plus offers manual function controls over stroke length and stroke rate as standard with the option to select external pace for automatic control.

Ten distinct models are available, having pressure capabilities to 250 PSIG (17 BAR) @ 12 GPD (1.9 lph), and flow capacities to 58 GPD (9.1 lph) @ 100 PSIG (7.0 BAR), with a standard turndown ratio of 100:1, and optional ratio of 2000:1. Metering performance is reproducible to within ± 3% of maximum capacity.

FEATURES

- Manual Control by on-line adjustable stroke rate and stroke length.
- Highly Reliable timing circuit.
- Circuit Protection against voltage and current upsets.
- Solenoid Protection by thermal overload with auto-reset.
- Water Resistant, for outdoor and indoor applications.
- Internally Dampened To Reduce Noise.
- Guided Ball Check Valve Systems, to reduce back flow and enhance outstanding priming characteristics.
- 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.

BENEFITS

- Reliable metering performance.
- Rated “hot” for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.

CONTROLS

Manual Stroke Rate

- Turn-Down Ratio 10:1

Manual Stroke Length

- Turn-Down Ratio 10:1

External Pacing Option

External Stop Option

External Pacie With Stop Option (125 PM only)

C ETL LISTED US Intertek 9700150

ETL SANITATION LISTED Intertek 9700150

Tested and Certified by WQA against NSF/ANSI/CAN 61 & 372.

TESTED & CERTIFIED WQA INDEPENDENTLY

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

CE

SPECIFICATIONS

MODEL			LBC2	LB02	LBC3	LB03	LB04	LB64	LBC4	LBS2	LBS3	LBS4
Capacity nominal (max)		GPH	0.25	0.25	0.42	0.50	1.00	1.25	2.00	0.50	1.38	2.42
		GPD	6	6	10	12	24	30	48	12	33	58
		LPH	0.9	0.9	1.6	1.9	3.8	4.7	7.6	1.9	5.2	9.14
Pressure[3] (max.)	GFPP, PVDF, 316SS or PVC (W code) w/TFE Seats)	PSIG (Bar)	250 (17)	150 (10)	250 (17)	150 (10)	100 (7)	100 (7)	50 (3.3)	250 (17)	150 (10)	100 (7)
	PVC (V code) Viton or CSPE Seats / Degas Liquid End		150 (10)							150 (10)		
Connections:		Tubing	1/4" ID X 3/8" OD						3/8" ID X 1/2" OD	1/4" ID X 3/8" OD		
		Piping	1/4" FNPT									
Strokes/Minute		SPM	125							250		

Note 3: Pumps with rated pressure above 150 PSI will be de-rated to 150 PSI Max. when selecting certain valve options, see Price Book for details.

ENGINEERING DATA

Pump Head Materials Available	GFPPL, PVC, PVDF, 316 SS
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	Ceramic, PTFE, 316 SS, Alloy C
Fittings Materials Available	GFPPL, PVC, PVDF
Bleed Valve	Same as fitting and check valve selected, except 316SS
Injection Valve & Foot Valve Assy	Same as fitting and check valve selected
Tubing	Clear PVC, White PE

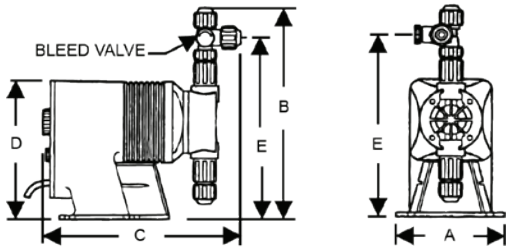
Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

Reproducibility	±3% at maximum capacity
Viscosity Max CPS	1000 CPS
For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material. Flow rate will determine connection/ball size. Greater than 3000 CPS require spring loaded ball checks. See Selection Guide for proper connection.	
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
Peak Input Power	130 Watts
Average Input Power @ Max SPM	50 Watts
Approvals	Conforms to ANSI/NSF STD. 50

DIMENSIONS

Series A PLUS Dimensions (inches)						
Model No.	A	B	C	D	E	Shipping Weight
LB02 / S2	5.0	9.6	9.5	6.5	8.2	10 lbs.
LBC2	5.0	9.9	9.5	6.5	8.5	10 lbs.
LBC3	5.0	9.9	9.5	6.5	8.5	10 lbs.
LB03 / S3	5.0	9.9	9.5	6.5	8.5	10 lbs.
LB04 /S4	5.0	9.9	9.5	6.5	8.5	10 lbs.
LB64	5.0	9.9	9.5	6.5	8.5	10 lbs.
LBC4	5.0	9.9	9.5	6.5	8.5	10 lbs.

NOTE: Inches X 2.54 = cm



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An ISO Certified Company

PULSAtron Series C Plus

The Pulsatron Series C Plus offers manual function control over stroke length and stroke rate as standard with the option to select external pace for automatic control. The primary difference between the Series A Plus and Series C Plus is the pressure rating.

Four distinct models are available, having pressure capabilities of 80 PSIG (5.6 BAR), and flow capacities up to 30 GPD (4.7 lph), with a turndown ratio of 100:1. Metering performance is reproducible to within ± 3% of maximum capacity.

FEATURES

- Manual Control by on-line adjustable stroke rate and stroke length.
- Highly Reliable timing circuit.
- Circuit Protection against voltage and current upsets.
- Solenoid Protection by thermal overload with auto-reset.
- Water Resistant, for outdoor and indoor applications.
- Internally Dampened To Reduce Noise.
- Guided Ball Check Valve Systems, to reduce back flow and enhance outstanding priming characteristics.
- 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

BENEFITS

- Reliable metering performance.
- Rated “hot” for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.

CONTROLS

Manual Stroke Rate

- Turn-Down Ratio 10:1

Manual Stroke Length

- Turn-Down Ratio 10:1

External Pacing Option

- Auto/Manual Selection

Tested and Certified by WQA against NSF/ANSI/CAN 61 & 372.

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

SPECIFICATIONS

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

Pump Head Materials Available	GFPPL, PVC, PVDF, 316 SS
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	Ceramic, PTFE, 316 SS, Alloy C
Fittings Materials Available	GFPPL, PVC, PVDF
Bleed Valve	Same as fitting and check valve selected, except 316SS
Injection Valve & Foot Valve Assy	Same as fitting and check valve selected
Tubing	Clear PVC, White PE

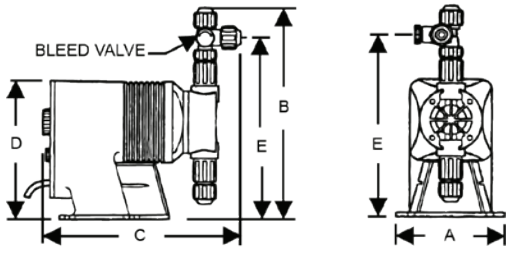
Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

Reproducibility	±3% at maximum capacity
Viscosity Max CPS	1000 CPS
For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material. Flow rate will determine connection/ball size. Greater than 3000 CPS require spring loaded ball checks. See Selection Guide for proper connection.	
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
Peak Input Power	130 Watts
Average Input Power @ Max SPM	50 Watts
Approvals	Conforms to ANSI/NSF STD. 50

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 lbs.
LD03	5.0	9.9	9.5	6.5	8.5	10 lbs.
LD04	5.0	9.9	9.5	6.5	8.5	10 lbs.
LD54	5.0	9.9	9.5	6.5	8.5	10 lbs.

NOTE: Inches X 2.54 = cm



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PULSAtron Series C

The Pulsatron Series C offers manual online stroke length adjustment with fixed stroke rate. Optional control features include external pace a choice between momentary on/off switch for priming the pump or a toggle on/off switch for manual override of all control functions.

Four distinct models are available, having pressure capabilities of 80 PSIG (5.6 BAR), and flow capacities up to 30 GPD (4.7 lph), with a turndown ratio of 10:1. Metering performance is reproducible to within ± 3% of maximum capacity.

FEATURES

- Manual Control by on-line adjustable stroke length (fixed stroke rate).
- Liquid Low Level Option available to prevent loss of prime.
- Highly Reliable timing circuit.
- Circuit Protection against voltage and current upsets.
- Panel Mounted Fuse.
- Solenoid Protection by thermal overload with auto-reset.
- Water Resistant, for outdoor and indoor applications.
- Internally Dampened To Reduce Noise.
- Guided Ball Check Valve Systems, to reduce back flow and enhance outstanding priming characteristics.
- Few Moving Parts and Wall Mountable.
- Safe & Easy Priming with durable leak-free bleed valve assembly (standard).

BENEFITS

- Reliable metering performance.
- Rated “hot” for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.

CONTROLS

Manual Stroke Length

- Turn-Down Ratio 10:1

External Pacing Option

- Auto/Manual Selection or Prime Button

C ETL LISTED US Intertek 9700150

ETL SANITATION LISTED Intertek 9700150

Tested and Certified by WQA against NSF/ANSI/CAN 61 & 372.

TESTED & CERTIFIED WQA INDEPENDENTLY

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

CE

SPECIFICATIONS

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			
	Piping	1/4" FNPT			

ENGINEERING DATA

Pump Head Materials Available	GFPPL, PVC, PVDF, 316 SS
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	Ceramic, PTFE, 316 SS, Alloy C
Fittings Materials Available	GFPPL, PVC, PVDF
Bleed Valve	Same as fitting and check valve selected, except 316SS
Injection Valve & Foot Valve Assy	Same as fitting and check valve selected
Tubing	Clear PVC, White PE

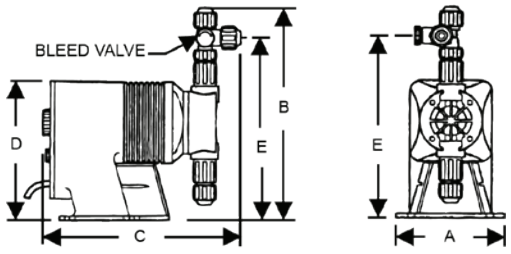
Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

Reproducibility	±3% at maximum capacity
Viscosity Max CPS	1000 CPS
For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material. Flow rate will determine connection/ball size. Greater than 3000 CPS require spring loaded ball checks. See Selection Guide for proper connection.	
Stroke Frequency Max SPM	125
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
Peak Input Power	130 Watts
Average Input Power @ Max SPM	50 Watts
Approvals	Conforms to ANSI/NSF STD. 50

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 lbs.
LC03	5.0	9.9	9.5	6.5	8.5	10 lbs.
LC04	5.0	9.9	9.5	6.5	8.5	10 lbs.
LC54	5.0	9.9	9.5	6.5	8.5	10 lbs.

NOTE: Inches X 2.54 = cm



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PULSAFEEDER®

PULSAtron Series E-DC

The Pulsatron Series E-DC offers manual function controls over stroke length and stroke rate providing a turn down ratio of 100:1. Our best value in a pump with this capacity and powered by 12 Volt DC.

Four distinct models are available, having pressure capabilities to 150 PSIG (10 BAR) @ 6 GPD (0.25 lph), and flow capacities to 44 GPD (7.0 lph) @ 100 PSIG (7 BAR), with a turndown ratio of 100:1. Metering performance is reproducible to within ± 3% of maximum capacity.

FEATURES

- Powered by 12 Volt DC.
- Manual Control by on-line adjustable stroke rate and stroke length.
- Highly Reliable timing circuit.
- Water Resistant, for outdoor and indoor applications.
- Internally Dampened To Reduce Noise.
- Guided Ball Check Valve Systems, to reduce back flow and enhance outstanding priming characteristics.
- Few Moving Parts and Wall Mountable.
- Safe & Easy Priming with durable leak-free bleed valve assembly (standard).

BENEFITS

- Reliable metering performance.
- Rated “hot” for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.

CONTROLS

Manual Stroke Rate

- Turn-Down Ratio 10:1

Manual Stroke Length

- Turn-Down Ratio 10:1

C ETL LISTED US Intertek 9700150

ETL SANITATION LISTED Intertek 9700150

Tested and Certified by WQA against NSF/ANSI/CAN 61 & 372.

TESTED & CERTIFIED WQA INDEPENDENTLY

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

CE

SPECIFICATIONS

MODEL		LS02	LS13	LS14	LS44
Capacity	GPH	0.25	0.50	1.00	1.85
nominal	GPD	6	12	24	44
(max.)	LPH	0.9	1.9	3.8	7.0
Pressure	PSIG	150	150	100	100
(max.)	BAR	10	10	7	7
Connections:	Tubing	1/4" ID X 3/8" OD 3/8" ID X 1/2" OD			
	Piping	1/4" FNPT			

ENGINEERING DATA

Pump Head Materials Available	GFPPL, PVC, PVDF, 316 SS
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	Ceramic, PTFE, 316 SS, Alloy C
Fittings Materials Available	GFPPL, PVC, PVDF
Bleed Valve	Same as fitting and check valve selected, except 316SS
Injection Valve & Foot Valve Assy	Same as fitting and check valve selected
Tubing	Clear PVC, White PE

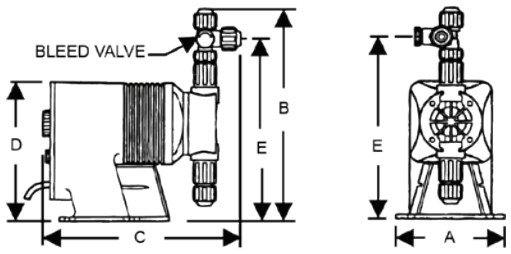
Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

Reproducibility	±3% at maximum capacity
Viscosity Max CPS	
LS02, 13	300 CPS
LS14, 44	1000 CPS
Stroke Frequency Max SPM	125
Stroke Frequency Turn-Down Ratio	10:1
Stroke Length Turn-Down Ratio	10:1
Power Input	12.6 VDC Nominal Range 11.8-14.0 VDC
Average Current Draw	
LS02, 13, 14 Amps	4.0 Amps
LS44 Amps	8.0 Amps
Peak Input Power	
LS02, 13, 14 Amps Power	138.6 Watts
LS44 Amps Power	189 Watts
Average Input Power @ Max SPM	
LS02, 13, 14 Amps Power	50.4 Watts
LS44 Amps Power	100.8 Watts

DIMENSIONS

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

NOTE: Inches X 2.54 = cm



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PULSAtron E+ RC

The PULSAtron E+ with Ratio Control offers manual stroke length adjustment, automatic speed control based on a water meter input signal and a selectable ratio control up to 1.0 Oz/ Gallon.

Three models are available, having pressure capabilities to 100 PSIG (7 BAR) and flow capabilities to 120 GPD (18.9 lph). Metering performance is reproducible to within ± 2% of maximum capacity.

Please refer to the reverse side for specifications.

FEATURES

- Automatic Control, pump speed is automatically adjusted to maintain the ratio that is set.
- Manual Control by on-line adjustable stroke length.
- Prime mode allows the pump to operate at 100% speed.
- Standby mode allows the pump to be stopped and act as a water meter signal repeater.
- Panel Mounted Fuse.
- Solenoid Protection by thermal overload with auto-reset.
- Water Resistant, for outdoor and indoor applications.
- Indicator Lights, for pump stroke and water meter input.
- Guided Ball Check Valve Systems, to reduce back flow and enhance outstanding priming characteristics.
- Safe & Easy Priming with durable leak-free bleed valve assembly (standard).

CONTROLS

Manual Stroke Length

- Turn-Down Ratio 10:1

Automatic Stroke Rate

- Adjustment range 0.1 to 1.0 Oz/Gallon

Water Meter Pulse Per Gallon Setting

- 1PPG, 2PPG, 4PPG & 10PPG

Water Output Signal

- Duplicates the water meter input signal for pacing other pumps

BENEFITS

- Reliable metering performance.
- Rated “hot” for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.

C ETL LISTED US
Intertek
9700150

Tested and Certified by WQA against NSF/ANSI/CAN 61 & 372.

TESTED & CERTIFIED WQA INDEPENDENTLY

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

SPECIFICATIONS

Model		RPE4	RPG5	RPH6
Capacity Nominal (max)	GPH	1.85	4.00	5.00
	GPD	44	96	120
	LPH	7	15.1	18.9
Pressure (max)	PSIG	100	100	100
	BAR	7	7	7
Connections	Tubing	1/4" ID x 3/8" OD		
		3/8" ID x 1/2" OD		
	Piping	1/4" FNPT		
Max. Water flow @ 1 Oz/Gallon dose @ 70 PSI (5.5 BAR)	GPM	4.0	8.5	10.0
	LPM	15.1	32.2	37.9
Max. Water flow @ 1 Oz/Gallon dose @ 50 PSI (3.4 BAR)	GPM	5.0	9.0	14.0
	LPM	18.9	34.1	53.0

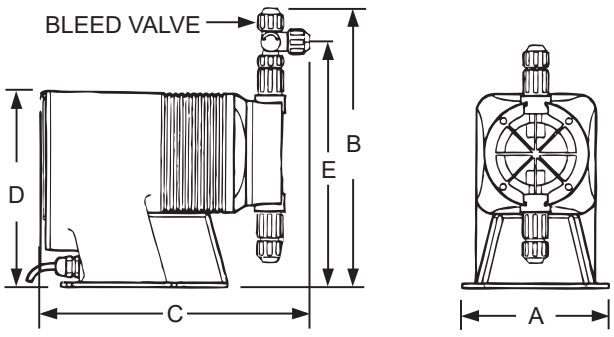
ENGINEERING DATA

Pump Head Materials Available	GFPPL, PVC, PVDF, 316 SS
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	Ceramic, PTFE, 316 SS, Alloy C
Fittings Materials Available	GFPPL, PVC, PVDF
Bleed Valve	Same as fitting and check valve selected, except 316SS
Injection Valve & Foot Valve Assy	Same as fitting and check valve selected
Tubing	Clear PVC, White PE

Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

Reproducibility	±2% at maximum capacity
Viscosity Max CPS	1000 CPS
For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material. Flow rate will determine connection/ball size. Greater than 3000 CPS require spring loaded ball checks. See Selection Guide for proper connection.	
Stroke Frequency Max SPM	125
Stroke Frequency Turn-Down Ratio	0.1 to 1.0 Oz/Gallon
Stroke Length Turn-Down Ratio	10:1
Power Input	115 VAC / 50-60 HZ / 1 ph
Average Current Draw	
@ 115 VAC: Amps	1.0 Amps
Peak Input Power	300 Watts
Average Input Power @ Max SPM	130 Watts
Approvals	Conforms to ANSI/NSF STD. 50

DIMENSIONS



Series E + RC Dimensions (inches)						
Model	A	B	C	D	E	Shpg Wt (lbs)
RPE4	5.4	10.6	11.2	7.5	9.2	15
RPG5	5.4	10.9	11.7	7.5	9.5	18
RPH6	6.2	11.3	11.9	8.2	9.9	21

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PULSAtron Series E Plus

The PULSAtron Series E Plus offers manual control over stroke length and stroke rate as standard with the option to choose between 4-20mA and external pace inputs for automatic control.

Twenty distinct models are available, having pressure capabilities to 300 PSIG (21 BAR) @ 3 GPD (0.5 lph), and flow capacities to 600 GPD (94.6 lph) @ 30 PSIG (2 BAR), with a turndown ratio of 100:1. Metering performance is reproducible to within ± 2% of maximum capacity.

Please refer to the reverse side for Series E PLUS specifications.

FEATURES

- Automatic Control, available with 4-20mADC direct or external pacing, with stop function.
- Manual Control by on-line adjustable stroke rate and stroke length.
- Auto-Off Manual switch.
- Highly Reliable timing circuit.
- Circuit Protection against voltage and current upsets.
- Panel Mounted Fuse.
- Solenoid Protection by thermal overload with auto-reset.
- Water Resistant, for outdoor and indoor applications.
- Indicator Lights, panel mounted.
- Guided Ball Check Valve Systems, to reduce back flow and enhance outstanding priming characteristics.
- Safe & Easy Priming with durable leak-free bleed valve assembly (standard)

BENEFITS

- Reliable metering performance.
- Rated “hot” for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.

CONTROLS

Manual Stroke Rate

- Turn-Down Ratio 10:1

Manual Stroke Length

- Turn-Down Ratio 10:1

4-20mADC Direct or External Pacing with Stop

- Automatic Control

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ETL SANITATION LISTED Intertek 9700150

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TESTED & CERTIFIED WQA INDEPENDENTLY

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

CE

SPECIFICATIONS

MODEL		LPK2	LPB2	LPA2	LPD3	LPB3	LPA3	LPK3	LPF4	LPD4	LPB4	LPH4	LPG4	LPE4	LPK5	LPH5	LPG5	LPH6	LPK7	LPH7	LPJ7	LPH8
Capacity	GPH	0.13	0.21	0.25	0.5	0.50	0.50	0.60	0.85	0.90	1.00	1.70	1.75	1.85	2.50	3.15	4.00	5.00	8.00	10.00	10.00	25.00
nominal	GPD	3	5	6	12	12	12	14	20	22	24	41	42	44	60	76	96	120	192	240	240	600
(max.)	LPH	0.5	0.8	0.9	1.9	1.9	1.9	2.3	3.2	3.4	3.8	6.4	6.6	7	9.5	11.9	15.1	18.9	30.3	37.9	37.9	94.6
Pressure	PSIG	300	250	150	250	150	100	100	250	150	100	250	150	100	150	150	100	100	50	35	80	30
(max.)	BAR	21	17	10	17	10	7	7	17	10	7	17	10	7	10	10	7	7	3.3	2.4	5.5	2
Connections	Tubing	1/4" ID X 3/8" OD 3/8" ID X 1/2" OD													3/8" ID X 1/2" OD 1/2" ID X 3/4" OD (LPH8 ONLY)							
	Piping	1/4" FNPT I													1/4" FNPT 1/2" FNPT							

ENGINEERING DATA

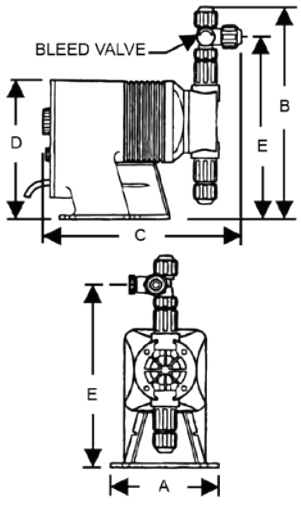
Pump Head Materials Available	GFPPL, PVC, PVDF, 316 SS
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	Ceramic, PTFE, 316 SS, Alloy C
Fitting Materials Available	GFPPL, PVC, PVDF
Bleed Vlave	Same as fitting and check calce selected
Injection Valve & Foot Valve Assy	Same as fitting and check calce selected
Tubing	Clear PVC, White PE

Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite

Reproducibility	±2% a maximum capacity
Viscosity Max CPS	1000 CPS
For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material. Flow rate will determine connection/ball size. Greater than 3000 CPS require spring loaded ball checks. See Selection Guide for proper connection	
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	1.0 Amps
@230 VAC: Amps	0.5 Amps
Peak Input Power	300 Watts
Average Input Power @ Max SPM	130 Watts
Approvals	Conforms to ANSI/NSF STD. 50

DIMENSIONS

Series E Plus Dimensions (inches)																	
Model No.	A	B	B1	C	C1	D	E	Shpg Wt	Model No.	A	B	B1	C	C1	D	E	Shpg Wt
LPA2	5.4	10.3	-	10.8	-	7.5	8.9	13 lbs.	LPG5	5.4	10.9	-	11.7	-	7.5	9.5	18 lbs.
LPA3	5.4	10.6	-	10.7	-	7.5	9.2	13 lbs.	LPH4	6.2	10.9	-	11.2	-	8.2	9.5	21 lbs.
LPB2	5.4	10.3	-	10.8	-	7.5	8.9	13 lbs.	LPH5	6.2	11.3	-	11.2	-	8.2	9.9	21 lbs.
LPB3	5.4	10.6	-	10.7	-	7.5	9.2	13 lbs.	LPH6	6.2	11.3	-	11.9	-	8.2	9.9	21 lbs.
LPB4	5.4	10.6	-	10.7	-	7.5	9.2	13 lbs.	LPH7	6.1	11.7	-	11.9	-	8.2	10.3	21 lbs.
LPD3	5.4	10.6	-	11.2	-	7.5	9.2	15 lbs.	LPH8*	6.1	-	10.9	-	11.3	8.2	-	26 lbs.
LPD4	5.4	10.6	-	11.2	-	7.5	9.2	15 lbs.	LPK2	5.4	10.3	-	10.8	-	7.5	8.9	13 lbs.
LPE4	5.4	10.6	-	11.2	-	7.5	9.2	15 lbs.	LPK3	5.4	10.6	-	10.7	-	7.5	9.2	13 lbs.
LPF4	5.4	10.6	-	11.7	-	7.5	9.2	18 lbs.	LPK5	5.4	10.9	-	11.7	-	7.5	9.5	18 lbs.
LPG4	5.4	10.6	-	11.7	-	7.5	9.2	18 lbs.	LPK7	6.1	11.7	-	11.2	-	8.2	10.3	21 lbs.
									LPJ7	6.1	10	-	10.7	-	-	-	21 lbs.



NOTE: Inches x 2.54 = cm /* the LPH8 is designed without a bleed valve available.

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PULSAFEEDER®

PULSAtron Series E

The Pulsatron Series E offers manual function controls over stroke length and stroke rate providing a turn down ratio of 100:1. Our best value in a pump with this capacity.

Twenty distinct models are available, having pressure capabilities to 250 PSIG (17 BAR) @ 5 GPD (0.8 lph), and flow capacities to 44 GPD (7 lph) @ 100 PSIG (7 BAR), with a turndown ratio of 100:1. Metering performance is reproducible to within ± 3% of maximum capacity.

FEATURES

- Manual Control by on-line adjustable stroke rate and stroke length.
- Highly Reliable timing circuit.
- Circuit Protection against voltage and current upsets.
- Panel Mounted Fuse.
- Solenoid Protection by thermal overload with auto-reset.
- Water Resistant, for outdoor and indoor applications.
- Indicator Lights, panel mounted.
- Guided Ball Check Valve Systems, to reduce back flow and enhance outstanding priming characteristics.
- Safe & Easy Priming with durable leak-free bleed valve assembly (standard).

BENEFITS

- Reliable metering performance.
- Rated “hot” for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.

CONTROLS

Manual Stroke Rate

- Turn-Down Ratio 10:1

Manual Stroke Length

- Turn-Down Ratio 10:1

Intertek 9700150

Intertek 9700150

Tested and Certified by WQA against NSF/ANSI/CAN 61 & 372.

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

SPECIFICATIONS

MODEL		LE12	LE02	LE33	LE13	LE03	LE34	LE14	LE44
Capacity nominal (max)	GPH	0.21	0.25	0.50	0.50	0.50	0.90	1.00	1.85
	GPD	5	6	12	12	12	22	24	44
	LPH	0.8	0.9	1.9	1.9	1.9	3.4	3.8	7
Pressure (max)	PSIG	250	150	250	150	100	150	100	100
	BAR	17	10	17	10	7	10	7	7
Connections:	Tubing	1/4" ID X 3/8" OD 3/8" ID X 1/2" OD							
	Piping	1/4" FNPT							

ENGINEERING DATA

Pump Head Materials Available	GFPPL, PVC, PVDF, 316 SS
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	Ceramic, PTFE, 316 SS, Alloy C
Fittings Materials Available	GFPPL, PVC, PVDF
Bleed Valve	Same as fitting and check valve selected, except 316SS
Injection Valve & Foot Valve Assy	Same as fitting and check valve selected
Tubing	Clear PVC, White PE

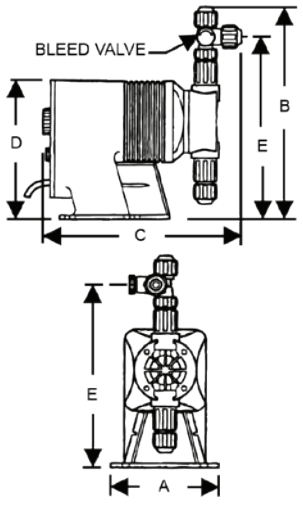
Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

Reproducibility	±3% at maximum capacity
Viscosity Max CPS	1000 CPS
For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material. Flow rate will determine connection/ball size. Greater than 3000 CPS require spring loaded ball checks. See Selection Guide for proper connection.	
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	1.0 Amps
@230 VAC: Amps	0.5 Amps
Peak Input Power	300 Watts
Average Input Power @ Max SPM	130 Watts
Approvals	Conforms to ANSI/NSF STD. 50

DIMENSIONS

Series E Dimensions (inches)																	
Model No.	A	B	B1	C	C1	D	E	Shpg Wt	Model No.	A	B	B1	C	C1	D	E	Shpg Wt
LE02	5	9.6	-	9.5	-	6.4	8.2	7 lbs.	LEH4	6.2	10.9	-	11.2	-	8.2	9.5	18 lbs.
LE03	5	9.8	-	9.5	-	6.4	8.4	7 lbs.	LEH5	6.2	11.3	-	11.2	-	8.2	9.9	18 lbs.
LE12	5	9.6	-	9.5	-	6.4	8.2	7 lbs.	LEH6	6.2	11.3	-	11.2	-	8.2	9.9	18 lbs.
LE13	5	9.8	-	9.5	-	6.4	8.4	7 lbs.	LEH7	6.1	11.7	-	11.2	-	8.2	10.3	18 lbs.
LE14	5	9.8	-	9.5	-	6.4	8.4	7 lbs.	LEH8*	6.1	-	10.9	-	10.6	8.2	-	23 lbs.
LE33	5.4	10.6	-	11.2	-	7.5	9.2	12 lbs.	LEK2	5.4	10.3	-	10.8	-	7.5	8.9	10 lbs.
LE34	5.4	10.6	-	11.2	-	7.5	9.2	12 lbs.	LEK3	5.4	10.6	-	10.7	-	7.5	9.2	10 lbs.
LE44	5.4	10.6	-	11.2	-	7.5	9.2	12 lbs.	LEK5	5.4	10.9	-	11.7	-	7.5	9.5	15 lbs.
LEF4	5.4	10.6	-	11.7	-	7.5	9.2	15 lbs.	LEK7	6.1	11.7	-	11.2	-	8.2	10.3	18 lbs.
LEG4	5.4	10.6	-	11.7	-	7.5	9.2	15 lbs.	LEJ7	6.1	10.0	-	10.7	-	-	-	18 lbs.

NOTE: Inches X 2.54 = cm * the LEH8 is designed without a bleed valve available



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PULSAtron Series HV

The Pulsatron Series HV designed for high viscosity applications for precise and accurate metering control. The Series HV offers manual control over stroke length and stroke rate as standard with the option to choose between 4-20mA and external pace inputs for automatic control.

Five distinct models are available, having pressure capabilities to 150 PSIG (10 BAR) @ 12 GPD (1.9 lph), and flow capacities to 240 GPD (37.9 lph) @ 80 PSIG (5.6 BAR), with a turndown ratio of 100:1. Metering performance is reproducible to within ± 2% of maximum capacity.

FEATURES

- Automatic Control, available with 4-20mADC direct or external pacing, with stop function.
- Manual Control by on-line adjustable stroke rate and stroke length.
- Auto-Off Manual switch.
- Highly Reliable timing circuit.
- Circuit Protection against voltage and current upsets.
- Solenoid Protection by thermal overload with auto-reset.
- Water Resistant, for outdoor and indoor applications.
- Indicator Lights, panel mounted.
- Guided Ball Check Valve Systems, to reduce back flow and enhance outstanding priming characteristics.
- Viscosities to 20,000 CPS.

BENEFITS

- Reliable metering performance.
- Rated “hot” for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.

CONTROLS

Manual Stroke Rate

- Turn-Down Ratio 10:1

Manual Stroke Length

- Turn-Down Ratio 10:1

4-20mADC Direct or External Pacing with Stop

- Automatic Control

C ETL LISTED US Intertek 9700150

ETL SANITATION LISTED Intertek 9700150

Tested and Certified by WQA against NSF/ANSI/CAN 61 & 372.

TESTED & CERTIFIED WQA INDEPENDENTLY

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

CE

SPECIFICATIONS

MODEL		LVB3	LVF4	LVG4	LVG5	LVH7
Capacity	GPH	0.50	1.00	2.00	4.00	10.00
nominal	GPD	12	24	48	96	240
(max.)	LPH	1.9	3.8	7.6	15.1	37.9
Pressure	PSIG	150	150	110	110	80
(max.)	BAR	10	10	7	7	5.6
Connections:	Tubing	(S) .50" I.D. X .75" O.D. .38" I.D. X .50" OD (LVB3 & F4 only) (S & D) .50" I.D. X .75" O.D. (LVG4,G5 & H7 only)				

ENGINEERING DATA

Pump Head Materials Available	GFPPL, PVC
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	PTFE, 316 SS, Alloy C
Fittings Materials Available	GFPPL, PVC
Injection Valve & Foot Valve Assy	Same as fitting and check valve selected
Tubing	Clear PVC, White PE

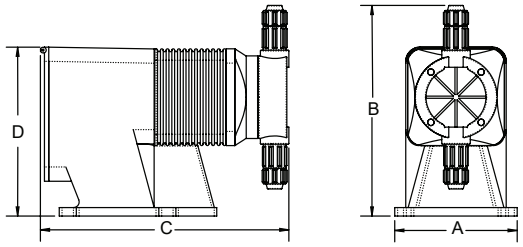
Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

Reproducibility	±2% at maximum capacity
Viscosity Max CPS	20,000 CPS (Flooded suction installation is required)
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	1.0 Amps
@230 VAC: Amps	0.5 Amps
Peak Input Power	300 Watts
Average Input Power @ Max SPM	130 Watts
Approvals	Conforms to ANSI/NSF STD. 50

DIMENSIONS

Series HV Dimensions (inches)					
Model No.	A	B	C	D	Shipping Weight
LVB3	5.4	9.3	9.5	7.5	13 lbs.
LVF4	5.4	10.8	10.8	7.5	18 lbs.
LVG4	5.4	9.5	10.6	7.5	18 lbs.
LVG5	5.4	10.8	10.8	7.5	18 lbs.
LVH7	6.1	11.5	11	8.2	25 lbs.

NOTE: Inches X 2.54 = cm



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PULSAtron Series MP

The Pulsatron Series MP is a true microprocessor controlled instrument delivering precise and accurate metering control. Packed with standard features, the Series MP include automatic control via 4-20mA or 20-4 mA inputs, an external pace function with a stop feature, and a graphical LCD display with support for English, French, German, and Spanish languages. The optional 4-20mA output signal provides a remote indication of pump speed, remotely confirm the pump's speed is adjusting to your process parameters, and estimate chemical usage over time.

Nineteen distinct models are available, with pressures capable to 300 PSIG (21 BAR) @ 3 GPD (0.5 LPH), and flow capacities to 504 GPD (79.5 LPH) @ 20 PSIG (1.3 BAR), and a turndown ratio of 1000:1, there is a Pulsatron MP Series pump to fit your process perfectly.

FEATURES

- Automatic Control, Fully scalable 4-20mA input signal.
- An optional 4-20mA output provides a remote indication of pump speed.
- Flow Verification on select sizes.
- Flow Totalization.
- Relay Output for computer interface or AC power.
- Simple Prompts in plain language.
- Available in four languages, English, French, German, and Spanish.
- Alarm Signals for signal loss, full count, circuit failure, pulse overflow and pulse rate high.
- Liquid low-level indicator capability is standard.
- Timed Sequences can be set for selected intervals and rate for repetitive metering.
- Pulse Signals can be multiplied or divided by 1 to 999.
- Flow Rate is displayed as GPH, GPD, or LPH.
- Large easy to read backlit LCD display.

BENEFITS

- Reliable metering performance.
- Rated "hot" for continuous duty.
- High viscosity capability.
- Leak-free, seal-less, liquid end.

MP 4-20mA Model

CONTROLS

Manual Stroke Rate

- Turn-Down Ratio 10:1

Manual Stroke Length

- Turn-Down Ratio 10:1

4-20mA Output

- Remote indication of pump speed

4-20mA or 20-4mA Input

- Automatic Control
- Fully Scalable
- Turn-Down Ratio 100:1

Flow Verification

- Monitors pump output to protect against loss of flow
- Visual Notification

APPROVALS

C ETL US LISTED
Intertek 9700150

CE
4-20mA output models are not CE

Tested and Certified by WQA against NSF/ANSI/CAN 61 & 372.

ETL SANITATION LISTED
Intertek 9700150

TESTED & CERTIFIED WQA INDEPENDENTLY

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

SPECIFICATIONS

MODEL		LMK2	LMB2	LMA2	LMD3	LMB3	LMA3	LMK3	LMF4	LMD4	LMB4	LMH4	LMG4	LME4	LMK5	LMH5	LMG5	LMH6	LMK7	LMH7	LMH8
Capacity nominal (max.)	GPH	0.13	0.21	0.25	0.50	0.50	0.50	0.60	0.85	0.90	1.00	1.70	1.75	1.85	2.50	3.15	4.00	5.00	8.00	10.00	21.00
	GPD	3	5	6	12	12	12	14	20	22	24	41	42	44	60	76	96	120	192	240	504
	LPH	0.5	0.8	0.9	1.9	1.9	1.9	2.3	3.2	3.4	3.8	6.4	6.6	7.0	9.5	11.9	15.1	18.9	30.3	37.9	79.5
Pressure (max.)	PSIG	300	250	150	250	150	100	100	250	150	100	250	150	100	150	150	100	100	50	35	20
	BAR	21	17	10	17	10	7	7	17	10	7	17	10	7	10	10	7	7	3.3	2.4	1.3
Connections	Tubing	1/4" ID X 3/8" OD													3/8" ID X 1/2" OD						
		3/8" ID X 1/2" OD													1/2" ID X 3/4" OD (LMH8 ONLY)						
															FLOW VERIFICATION (See Note)						
	Piping	1/4" FNPT													1/4" FNPT						
															1/2" FNPT						

Note: Flow Verification: Available on K3, B4 and E4 with connection code 1; H6, K7 and H7 with connection code H; 1/4" ID x 3/8" OD only.

ENGINEERING DATA

Pump Head Materials Available	GFPPL, PVC, PVDF, 316 SS
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	Ceramic, PTFE, 316 SS, Alloy C
Fittings Materials Available	GFPPL, PVC, PVDF
Bleed Valve	Same as fitting and check valve selected
Injection Valve & Foot Valve Assy	Same as fitting and check valve selected
Tubing	Clear PVC, White PE
Reproducibility	±2% at maximum capacity
Viscosity Max CPS	1000 CPS
For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material. Flow rate will determine connection/ball size. Greater than 3000 CPS require spring loaded ball checks. See Selection Guide for proper connection.	
Controls	6 Station Membrane Switch
Status Display	Graphical LCD with Backlight

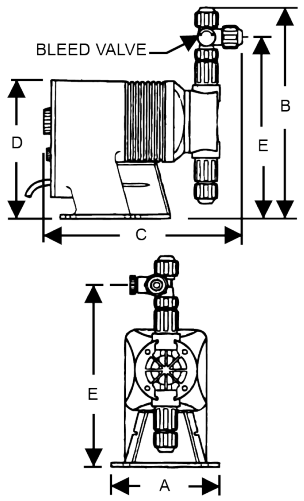
LED Indicator Lights, Panel Mount	Power On - Green, Pulsing - Green Flashing, Stop - Red
Stroke Frequency Max SPM	125
External Stroke Frequency Control (Automatic)	4-20 mADC, 20-4 mADC External Pacing
Output Relay (Signal Option)	24 VDC, 10mA
Output Relay (Power Option)	250 VAC, 50/60 HZ, 0.5A
Optional 4-20mA Output	24 VDC (850 Ohms Max.)
Stroke Frequency Turn-Down Ratio	100:1
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	1.0 Amps
@230 VAC: Amps	0.5 Amps
Peak Input Power	300 Watts
Average Input Power @ Max SPM	130 Watts
Approvals	Conforms to ANSI/NSF STD. 50

Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

DIMENSIONS

Series MP Dimensions (inches)																	
Model #	A	B	B1	C	C1	D	E	Shpg Wt	Model #	A	B	B1	C	C1	D	E	Shpg Wt
LMA2	5.4	10.3	-	10.8	-	7.5	8.9	13 lbs.	LMG5	5.4	10.9	-	11.7	-	7.5	9.5	18 lbs.
LMA3	5.4	10.6	-	10.7	-	7.5	9.2	13 lbs.	LMH4	6.2	10.9	-	11.2	-	8.2	9.5	21 lbs.
LMB2	5.4	10.3	-	10.8	-	7.5	8.9	13 lbs.	LMH5	6.2	11.3	-	11.2	-	8.2	9.9	21 lbs.
LMB3	5.4	10.6	-	10.7	-	7.5	9.2	13 lbs.	LMH6	6.2	11.3	-	11.2	-	8.2	9.9	21 lbs.
LMB4	5.4	10.6	-	10.7	-	7.5	9.2	13 lbs.	LMH7	6.1	11.7	-	11.2	-	8.2	10.3	21 lbs.
LMD3	5.4	10.6	-	11.2	-	7.5	9.2	15 lbs.	LMH8*	6.1	-	10.9	-	10.6	8.2	-	25 lbs.
LMD4	5.4	10.6	-	11.2	-	7.5	9.2	15 lbs.	LMK2	5.4	10.3	-	10.8	-	7.5	8.9	13 lbs.
LME4	5.4	10.6	-	11.2	-	7.5	9.2	15 lbs.	LMK3	5.4	10.6	-	10.7	-	7.5	9.2	13 lbs.
LMF4	5.4	10.6	-	11.7	-	7.5	9.2	18 lbs.	LMK5	5.4	10.9	-	11.7	-	7.5	9.5	18 lbs.
LMG4	5.4	10.6	-	11.7	-	7.5	9.2	18 lbs.	LMK7	6.1	11.7	-	11.2	-	8.2	10.3	21 lbs.

NOTE: Inches X 2.54 = cm / * the LMH8 is designed without a bleed valve available



PULSAFEEDER®
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Punta Gorda, FL 33982
Tel: (941) 575-3800
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www.pulsatron.com

An ISO Certified Company

PULSAFEEDER®

PULSAtron Series T7

The Pulsatron Series T7 was designed to feed chemical products on a timed schedule. Typical applications include the feed of biocides in open-air cooling towers. The feed cycle is initiated and controlled by the programmable timer. The Series T7 provides everything you need in one unique, compact package to create a simple and cost effective metering system for timed applications.

A 7-day programmable timer controls the Series T7. The timer is programmable in 1-minute increments with up to 8 on/off cycles per day. Each timed event can be set to run any day of the week on a 7-day cycle.

Other control features include a standby mode, continuous 'ON' mode and the ability to adjust the stroke length from 0 to 100%.

Four distinct models are available, having pressure capabilities to 100 PSIG (7.0 BAR) and flow capabilities to 30 GPD (4.7 lph), with a turndown ratio of 10:1. Metering performance is reproducible to within ± 3% of maximum capacity.

FEATURES

- Complete TImer Control in one unique package.
- Solid State 7 Day Electronic Timer.
- Isolated from Earth Ground.
- Few Moving Parts and Wall Mountable.
- Safe & Easy Priming with durable leak-free bleed valve assembly (standard).

BENEFITS

- Reliable metering performance.
- Rated "hot" for continuous duty.
- Leak-free, sealless, liquid end.

CONTROLS

7 Day Programmable Timer

- Program up to 8 On/Off Events Per Day
- Timed Events Can Be Set To Run Any Day Of The Week In A 7-Day Cycle

Manual Stroke Length

- Turn-Down Ratio 10:1

C ETL LISTED US Intertek 9700150

ETL SANITATION LISTED Intertek 9700150

Tested and Certified by WQA against NSF/ANSI/CAN 61 & 372.

TESTED & CERTIFIED WQA INDEPENDENTLY

PVDF & PVC Degass Head Pumps. See www.wqa.org for certification parameters.

CE

SPECIFICATIONS

MODEL		LC13BA	LC14BA	LC64BA
Capacity	GPH	0.50	1.00	1.25
nominal	GPD	12	24	30
(max.)	LPH	1.9	3.8	4.7
Pressure	PSIG	100	100	100
(max.)	BAR	7	7	7
Connections:	Tubing	1/4" ID X 3/8" OD		

ENGINEERING DATA

Pump Head Materials Available	GFPPL, PVC, PVDF, 316 SS
Diaphragm	PTFE-faced CSPE-backed
Check Valves Materials Available	
Seats/O-Rings	PTFE, CSPE, Viton
Balls	Ceramic, PTFE, 316 SS, Alloy C
Fittings Materials Available	GFPPL, PVC, PVDF
Bleed Valve	Same as fitting and check valve selected, except 316SS
Injection Valve & Foot Valve Assy	Same as fitting and check valve selected
Tubing	Clear PVC, White PE

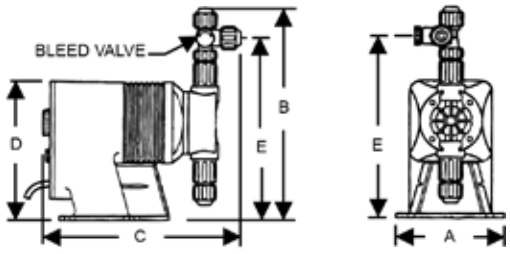
Reproducibility	±3% at maximum capacity
Stroke Length Turn-Down Ratio	10:1
Power Input	115 VAC / 50-60 HZ / 1 ph 230 VAC / 50-60 HZ / 1 ph
Average Current Draw	
@ 115 VAC: Amps	0.6 Amps
@230 VAC: Amps	0.3 Amps
Approvals	Conforms to ANSI/NSF STD. 50

Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

DIMENSIONS

Series T7 Dimensions (inches						
Model No.	A	B	C	D	E	Shipping Weight (lbs.)
LC13BA	5.0	9.6	9.5	6.5	8.2	10
LC14BA	5.0	9.9	9.5	6.5	8.5	10
LC64BA	5.0	9.9	9.5	6.5	8.5	10

NOTE: Inches X 2.54 = cm



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