

PULSAtron® Series D

Key Features

- **Completely Digital.** The Series D is easy to set-up with scrolling menus that appear on the easy to read 16 digit LCD backlit display.
- **Flow Control Option.** Create a flow control system. Pump will stop if you lose flow.
- **Hall Effect water meter input.**
- **Four-button Touch Pad Control** with internationally recognized symbols for simplified programming.
- **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.
- **Safe & Easy Priming** with durable leak-free **bleed valve assembly** (standard).

OPTIONS

Add a flow switch to the Series D to create a Flow Control System. Available in 3/4" and 1" for easy installation in most systems.



Pressure and Flow Rate Capacity

MODEL	LF02	LFC3	LF03	LF04	LF64	LFC4	
Capacity nominal	GPH	0.25	0.42	0.50	1.00	1.25	2.00
	GPD	6	10	12	24	30	48
Capacity (max.)	LPH	1.6	0.9	1.9	3.8	4.7	7.6
	PSIG	150	250	150	100	100	50
Pressure (max.)	BAR	10	17	10	7	7	3.3
	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						
Stroke Frequency	125 Strokes Per Minute (SPM) maximum						
Stroke Frequency	100:1						
Status Display	16-Position LCD Dot Matrix Backlight						
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 D Selection Guide

MODELS:	\$ 507	C3	= 0.42 gph / 10 gpd (1.6 lph) max pres.: 250 PSI (17 BAR)
	\$ 507	02	= 0.25 gph / 6 gpd (0.9 lph) max pres.: 150 PSI (10 BAR)
	\$ 507	03	= 0.50 gph / 12 gpd (1.9 lph) max pres.: 150 PSI (10 BAR)
	\$ 507	04	= 1.00 gph / 24 gpd (3.8 lph) max pres.: 100 PSI (7 BAR)
	\$ 507	64	= 1.25 gph / 30 gpd (4.7 lph) max pres.: 100 PSI (7 BAR)
	\$ 507	C4	= 2.00 gph / 48 gpd (7.6 lph) max pres.: 50 PSI (3.3 BAR)

CONTROLS: N/C **S** = No Options Available

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: Pump Head & Fittings/Seats & O-rings/Balls	N/C	PHC	= GFPP / Hypalon / Ceramic
	\$ 12	PTC	= GFPP / TFE / Ceramic
	\$ 7	PVC	= GFPP / Viton / Ceramic
	\$ 62	KTC	= PVDF / TFE / Ceramic
	N/C	VHC	= PVC / Hypalon / Ceramic
	\$ 12	VTC	= PVC / TFE / Ceramic (models <= 150 psi)
\$ 12	WTC	= PVC / TFE / Ceramic (models > 150 psi)	

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	3	= Tubing .38" I.D. x .50" O.D. / .38" Ball, 1.63 - 10 GPH
	\$ 97	9	= Degass Head: (S) 5/16", (D) 3/8", 0-1.83 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

CONNECTION ELECTRONIC OPTIONS:	N/C	X	= Liquid Tight Connector for Hardwiring Options
	\$ 49	1	= Water Tight DIN Connector with Sealing Cap

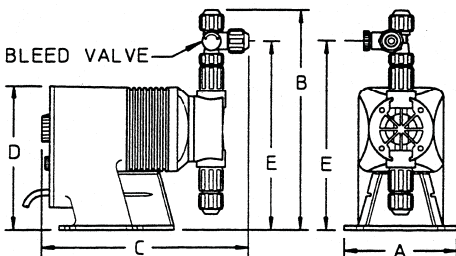
FLOW:	N/C	X	= No Flow
	\$ 118	A	= Flow Switch 3/4" with 8.5 ft. cable
	\$ 144	B	= Flow Switch 3/4" with 25 ft. cable
	\$ 162	C	= Flow Switch 1" with 8.5 ft. cable
	\$ 195	D	= Flow Switch 1" with 25 ft. cable
	\$ 12	E	= 25 ft. - 22g, four conductor cable

SUFFIX CODES:	N/C	XXX	= No Additional Options
	\$ 105	130	= PVDF Tubing
	\$ 66	500	= Five Function Valve
	\$ 152	520	= Five Function Degass 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 'LF03SA-PTC1-XA-XXX'

Dimensions



Series D Dimensions (inches)						
Model No.	A	B	C	D	E	Shipping Weight
LF02	5.0	9.6	9.5	6.5	8.2	10
LFC3	5.0	9.9	9.5	6.5	8.5	10
LF03	5.0	9.9	9.5	6.5	8.5	10
LF04	5.0	9.9	9.5	6.5	8.5	10
LF64	5.0	9.9	9.5	6.5	8.5	10
LFC4	5.0	9.9	9.5	6.5	8.5	10

NOTE: Inches X 2.54 = cm