

Diaphragm Pumps

Engineered for Excellence



7800 Series – 1.0 to 2.2 GPM Diaphragm Pump

Pump Type: Bypass, Demand, Bypass-Demand

Flow: Up to 2.2 GPM

Pressure: Up to 60 PSI

Valves: Viton

Diaphragm: Santoprene, Geolast

Ports: 3/8" FNPT, 5/8" Quick Attach, 3/4" Quick Attach

Power: 12V – Wire Leads with 2-pin molded connector, 115V AC corded plug

Weight: 6 lbs.

Packaging: Bulk Box, Retail Box

Shipping: 6 per carton, single

- 100% Factory tested
- NSF Approved (Santoprene only)
- High Torque Motor for superior flow at pressure
- Self-Priming
- Can be run dry
- Optional built in On/Off Switch available



DIAPHRAGM PUMPS

Performance Specifications

1.0 GPM Demand

PSI	GPM	AMPS
0	1.05	2.4
10	0.95	2.9
20	0.9	3.4
30	0.85	4.1
40	0.8	4.3
50	0.75	4.8

2.0 GPM Demand

PSI	GPM	AMPS
0	1.7	4.5
10	1.7	4.5
20	1.6	5.2
30	1.55	5.9
40	1.5	6.7
50	1.45	8

2.2 GPM Demand

PSI	GPM	AMPS
0	2.2	4.5
10	2.2	4.7
20	2.1	6.1
30	1.9	6.9
40	1.8	7.2
50	1.65	8.1

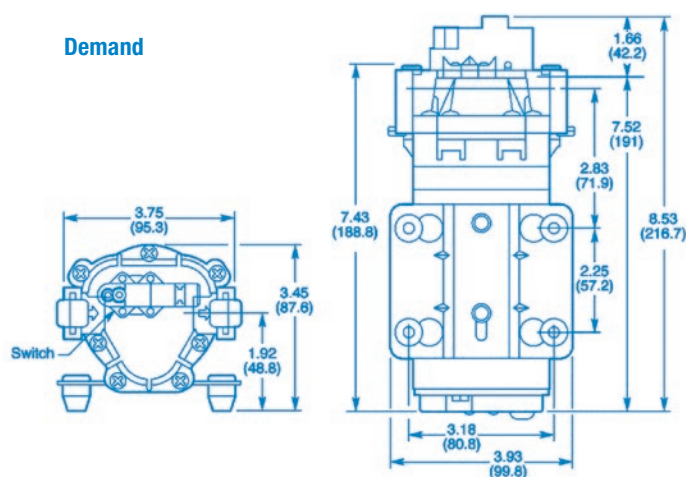
1.0 GPM Bypass

PSI	GPM	AMPS
0	1	2.9
10	1	3
20	0.98	3.4
30	0.92	4
40	0.9	4.4
50	0.85	4.9

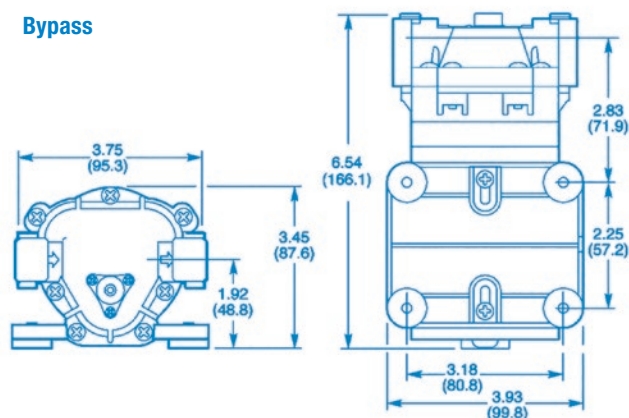
2.0 GPM Bypass

PSI	GPM	AMPS
0	1.7	3.2
10	1.65	3.3
20	1.6	3.9
30	1.5	4.5
40	1.48	5.4
50	1.45	6.4

Demand



Bypass



Engineered for Excellence

"We are committed to succeeding in today's increasingly challenging marketplace by responding to each varied and dynamic individual customer requirement with an exclusive and custom tailored solution."