

5500

ProFlo
Professional
Grade Pumps™



The ProFlo 5500™ is unmatched in performance and efficiency.

Typical Applications: • Water Treatment/RO • Agricultural Spraying • General Industrial • Automotive • Alternative Energy/Solar • Agriculture and RV



Made in the USA



Less heat rise



Sealed motor

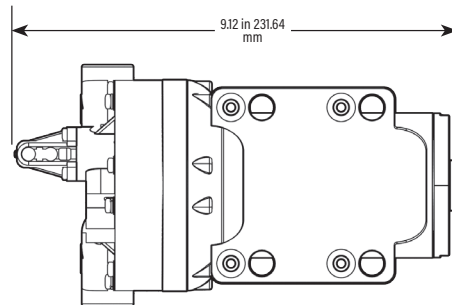
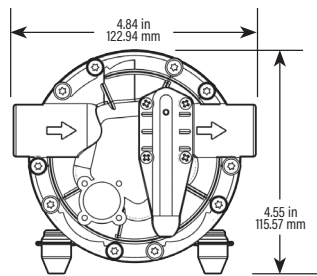


Professional grade



Low amp draw

THREADED HEAD DEMAND



5500 SERIES PUMP PERFORMANCE

	5514/5534			5516/5536			5517/5537		
PSI	GPM	LPM	AMPS	GPM	LPM	AMPS	GPM	LPM	AMPS
OPEN	3.10	11.75	4.00	4.55	17.24	7.50	5.30	20.09	8.00
10	2.80	10.61	5.00	4.10	15.54	8.50	5.11	19.37	9.50
20	2.30	8.72	6.00	3.75	14.21	9.50	4.75	18.00	11.00
30	2.10	7.96	7.00	3.40	12.89	11.00	4.30	16.30	13.00
40	1.90	7.20	8.00	3.05	11.56	12.50	3.85	14.59	15.00
50	1.65	6.25	8.50	2.75	10.42	14.00	3.40	12.89	17.00
60	1.45	5.50	9.50	2.45	9.29	15.00	3.00	11.37	18.00
70	1.40	5.31	10.00	2.35	8.91	16.00	2.55	9.66	19.00
80	1.35	5.12	10.50	2.20	8.34	16.75	2.25	8.53	19.75
90	1.30	4.93	11.00	2.00	7.58	17.50	2.05	7.77	20.75
100	1.25	4.74	11.75	1.90	7.20	18.00	2.00	7.58	22.00

Actual performance may vary based on pump configuration.



5500 STANDARD PUMP CONFIGURATIONS

Item	GPM	Controls	PSI	Valves	Diaphragm	Ports	Voltage
3.0 GPM STANDARD							
5514-1E1-82B	• 3.0GPM	DEMAND	60	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5534-1E1-82B	• 3.0GPM	DEMAND	60	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5514-2E1-63B	• 3.0GPM	BYPASS	60	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5534-2E1-63B	• 3.0GPM	BYPASS	60	VITON	SANTOPRENE	1/2" FNPT	12 VDC
4.0 GPM STANDARD							
5516-1E1-82B	• 4.0GPM	DEMAND	60	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5536-1E1-82B	• 4.0GPM	DEMAND	60	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5516-2E1-63B	• 4.0GPM	BYPASS	60	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5536-2E1-63B	• 4.0GPM	BYPASS	60	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5.3 GPM STANDARD							
5517-1E1-82B	• 5.3GPM	DEMAND	60	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5537-1E1-82B	• 5.3GPM	DEMAND	60	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5517-2E1-63B	• 5.3GPM	BYPASS	60	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5537-2E1-63B	• 5.3GPM	BYPASS	60	VITON	SANTOPRENE	1/2" FNPT	12 VDC
EXTREME DUTY							
5534-1E3-82B	• 3.0GPM	DEMAND	60	VITON	GEOLAST	1/2" FNPT	12 VDC
5536-1E3-82B	• 4.0GPM	DEMAND	60	VITON	GEOLAST	1/2" FNPT	12 VDC
5537-1E3-82B	• 5.3GPM	DEMAND	60	VITON	GEOLAST	1/2" FNPT	12 VDC
5534-2E3-63B	• 3.0GPM	BYPASS	60	VITON	GEOLAST	1/2" FNPT	12 VDC
5536-2E3-63B	• 4.0GPM	BYPASS	60	VITON	GEOLAST	1/2" FNPT	12 VDC
5537-2E3-63B	• 5.3GPM	BYPASS	60	VITON	GEOLAST	1/2" FNPT	12 VDC
SANTOPRENE							
5534-1E5-82B	•• 3.0GPM	DEMAND	60	SANTOPRENE	SANTOPRENE	1/2" FNPT	12 VDC
5536-1E5-82B	•• 4.0GPM	DEMAND	60	SANTOPRENE	SANTOPRENE	1/2" FNPT	12 VDC
5537-1E5-82B	•• 5.3GPM	DEMAND	60	SANTOPRENE	SANTOPRENE	1/2" FNPT	12 VDC
5534-2E5-63B	•• 3.0GPM	BYPASS	60	SANTOPRENE	SANTOPRENE	1/2" FNPT	12 VDC
5536-2E5-63B	•• 4.0GPM	BYPASS	60	SANTOPRENE	SANTOPRENE	1/2" FNPT	12 VDC
5537-2E5-63B	•• 5.3GPM	BYPASS	60	SANTOPRENE	SANTOPRENE	1/2" FNPT	12 VDC
EPDM							
5534-1E4-82B	•• 3.0GPM	DEMAND	60	EPDM	SANTOPRENE	1/2" FNPT	12 VDC
5536-1E4-82B	•• 4.0GPM	DEMAND	60	EPDM	SANTOPRENE	1/2" FNPT	12 VDC
5537-1E4-82B	•• 5.3GPM	DEMAND	60	EPDM	SANTOPRENE	1/2" FNPT	12 VDC
5534-2E4-63B	•• 3.0GPM	BYPASS	60	EPDM	SANTOPRENE	1/2" FNPT	12 VDC
5536-2E4-63B	•• 4.0GPM	BYPASS	60	EPDM	SANTOPRENE	1/2" FNPT	12 VDC
5537-2E4-63B	•• 5.3GPM	BYPASS	60	EPDM	SANTOPRENE	1/2" FNPT	12 VDC 24
VDC							
5534-1E1-73A	••• 3.0GPM	DEMAND	60	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5536-1E1-73A	••• 4.0GPM	DEMAND	60	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5537-1E1-73A	••• 5.3GPM	DEMAND	60	VITON	SANTOPRENE	1/2" FNPT	24 VDC
115 VAC							
5534-1E1-58C	••• 3.0GPM	DEMAND	60	VITON	SANTOPRENE	1/2" FNPT	115 VAC
5536-1E1-58C	••• 4.0GPM	DEMAND	60	VITON	SANTOPRENE	1/2" FNPT	115 VAC
5537-1E1-65C	••• 5.3GPM	DEMAND	60	VITON	SANTOPRENE	1/2" FNPT	115 VAC

PUMP INFORMATION



Type

5 chamber diaphragm pump, self priming, capable of being run dry

Mode

- Demand
- Bypass
- Dual Controls
- No Controls

Certification Options

CE Approval

Liquid Temperature

140°F (60°C) Max.

Priming Capabilities

14 feet (4 m)

Max Pressure

150 PSI (10 bar)

Inlet/Outlet Ports

- 1/2" FNPT
- 3/4" Quick Attach

Weight

All models: 8 lbs (3.62 kg)

MOTOR INFORMATION



Leads

14 AWG, 12" long with 2-Pin or custom connection

Temperature Limits

Motor is not equipped with thermal protection. For user safety, optimal performance, and maximum motor life, the motor surface temperature should not exceed 180°F (82°C)

• Other Pressures Available • All Ports Available • Bypass Version Available

For other available options, see custom pages 14-15.