



*Agricultural/Industrial Chemical Spraying • Liquid Fertilizer • Automotive Fluid Exchange
Equipment Washdown • Soft Washing/Bleach • Water Treatment (Reverse Osmosis) • Alternative Energy/Solar*

PUMP FEATURES

- *Factory tested performance and efficiency*
- *Completely sealed motor*
- *Ultra-efficient motor design*
- *Low heat and power consumption*
- *Capable of being run dry*
- *Fluid port options*
- *45 - 150 PSI (3 - 10.3 BAR) Pressure Range*
- *Superior vertical climbing (14ft or 4.25m)*
- *3.2 - 5.3 GPM (12.12 - 20.06 LPM)*
- *DC and AC voltage options*
- *Material of consumption options*

TECHNICAL INFORMATION

TYPE
5 chamber diaphragm pump. Self priming and capable of being run dry

TEMPERATURE LIMITS
Motor is not equipped with thermal protection. For user safety, the motor surface should not exceed 180°F (82°C).

PRIMING CAPABILITIES
14ft (4m)

MAX PRESSURE
150 PSI (10 BAR)

LIQUID TEMPERATURE
140°F (60°C) Max

LEADS
14 AWG, 7" long with 2-pin or custom connection

PRESSURE CONTROL
Demand / Bypass
No Controls / Dual Controls

PUMP CONFIGURATIONS (Contact us for additional configurations)

5500 STANDARD

Item Number	Flow	Controls	Pressure	Valves	Diaphragm	Ports	Voltage
5514-1E1-82B	3.2 GPM (12.11 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5514-2E1-63B	3.2 GPM (12.11 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5534-1E1-82B	3.2 GPM (12.11 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5534-2E1-63B	3.2 GPM (12.11 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5516-1E1-82B	4.0 GPM (15.14 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5516-2E1-63B	4.0 GPM (15.14 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5536-1E1-82B	4.0 GPM (15.14 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5536-2E1-63B	4.0 GPM (15.14 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5517-1E1-82B	5.3 GPM (20.06 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5517-2E1-63B	5.3 GPM (20.06 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5537-1E1-82B	5.3 GPM (20.06 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5537-2E1-63B	5.3 GPM (20.06 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC

EXTREME DUTY

Item Number	Flow	Controls	Pressure	Valves	Diaphragm	Ports	Voltage
5517-1E3-82B	5.3 GPM (20.06 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	GEOLAST	3/4" QUICK ATTACH	12 VDC
5517-2E3-63B	5.3 GPM (20.06 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	GEOLAST	3/4" QUICK ATTACH	12 VDC
5537-1E3-82B	5.3 GPM (20.06 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	GEOLAST	1/2" FNPT	12 VDC
5537-2E3-63B	5.3 GPM (20.06 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	GEOLAST	1/2" FNPT	12 VDC

24 VDC

Item Number	Flow	Controls	Pressure	Valves	Diaphragm	Ports	Voltage
5514-1E1-731B	3.2 GPM (12.11 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5514-2E1-731B	3.2 GPM (12.11 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5534-1E1-731B	3.2 GPM (12.11 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5534-2E1-731B	3.2 GPM (12.11 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5516-1E1-731B	4.0 GPM (15.14 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5516-2E1-731B	4.0 GPM (15.14 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5536-1E1-731B	4.0 GPM (15.14 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5536-2E1-731B	4.0 GPM (15.14 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5517-1E1-731B	5.3 GPM (20.06 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5517-2E1-731B	5.3 GPM (20.06 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5537-1E1-731B	5.3 GPM (20.06 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5537-2E1-731B	5.3 GPM (20.06 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC

110/120 VAC

Item Number	Flow	Controls	Pressure	Valves	Diaphragm	Ports	Voltage
5514-1E1-58C	3.2 GPM (12.11 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5514-2E1-58C	3.2 GPM (12.11 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5534-1E1-58C	3.2 GPM (12.11 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5534-2E1-58C	3.2 GPM (12.11 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5516-1E1-58C	4.0 GPM (15.14 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5516-2E1-58C	4.0 GPM (15.14 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5536-1E1-58C	4.0 GPM (15.14 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5536-2E1-58C	4.0 GPM (15.14 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5517-1E1-65C	5.3 GPM (20.06 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5517-2E1-65C	5.3 GPM (20.06 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5537-1E1-65C	5.3 GPM (20.06 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5537-2E1-65C	5.3 GPM (20.06 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC

PUMP PERFORMANCE (Performance may vary)

5514/5534				
PSI	GPM	LPM	AMPS	
OPEN	3.10	11.75	4.00	
10	2.80	10.61	5.00	
20	2.30	8.72	6.00	
30	2.10	7.96	7.00	
40	1.90	7.20	8.00	
50	1.65	6.25	8.50	
60	1.45	5.50	9.50	
70	1.40	5.31	10.00	
80	1.35	5.12	10.50	
90	1.30	4.93	11.00	
100	1.25	4.74	11.75	

5516/5536				
PSI	GPM	LPM	AMPS	
OPEN	4.55	17.24	7.50	
10	4.10	15.54	8.50	
20	3.75	14.21	9.50	
30	3.40	12.89	11.00	
40	3.05	11.56	12.50	
50	2.75	10.42	14.00	
60	2.45	9.29	15.00	
70	2.35	8.91	16.00	
80	2.20	8.34	16.75	
90	2.00	7.58	17.50	
100	1.90	7.20	18.00	

5517/5537				
PSI	GPM	LPM	AMPS	
OPEN	5.30	20.09	8.00	
10	5.11	19.37	9.50	
20	4.75	18.00	11.00	
30	4.30	16.30	13.00	
40	3.85	14.59	15.00	
50	3.40	12.89	17.00	
60	3.00	11.37	18.00	
70	2.55	9.66	19.00	
80	2.25	8.53	19.75	
90	2.05	7.77	20.75	
100	2.00	7.58	22.00	

