



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



PRODUCT 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*

5500 STANDARD

Item Number	Flow	Controls	Pressure	Valves	Diaphragm	Ports	Voltage
5514-1E1-82B	3.2 GPM (12.1 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5514-2E1-63B	3.2 GPM (12.1 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5534-1E1-82B	3.2 GPM (12.1 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5534-2E1-63B	3.2 GPM (12.1 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 (12.1 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5514-2E1-731B	3.2 GPM (12.1 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5534-1E1-731B	3.2 GPM (12.1 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5534-2E1-731B	3.2 GPM (12.1 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 (12.1 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5514-2E1-58C	3.2 GPM (12.1 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5534-1E1-58C	3.2 GPM (12.1 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5534-2E1-58C	3.2 GPM (12.1 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

HIGH PRESSURE

Item Number	Flow	Controls	Pressure	Valves	Diaphragm	Ports	Voltage
5514-1I1-63B	3.2 GPM (12.1 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5514-2I1-63B	3.2 GPM (12.1 LPM)	BYPASS	100 PSI (6.9 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5534-1I1-63B	3.2 GPM (12.1 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5516-1I1-63B	4.0 GPM (15.14 LPM)	BYPASS	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5516-2I1-63B	4.0 GPM (15.14 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5536-2I1-63B	4.0 GPM (15.14 LPM)	BYPASS	100 PSI (6.9 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5517-1I1-63B	5.3 GPM (20.06 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5517-2I1-63B	5.3 GPM (20.06 LPM)	BYPASS	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5537-2I1-63B	5.3 GPM (20.06 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5514-1K1-63B	3.2 GPM (12.1 LPM)	BYPASS	150 PSI (10.3 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5514-2K1-63B	3.2 GPM (12.1 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5534-2K1-63B	3.2 GPM (12.1 LPM)	BYPASS	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5516-1K1-63B	4.0 GPM (15.14 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5516-2K1-63B	4.0 GPM (15.14 LPM)	BYPASS	150 PSI (10.3 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5536-2K1-63B	4.0 GPM (15.14 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5517-1K1-63B	5.3 GPM (20.06 LPM)	BYPASS	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5517-2K1-63B	5.3 GPM (20.06 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5537-2K1-63B	5.3 GPM (20.06 LPM)	BYPASS	150 PSI (10.3 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5534-1I1-73B	3.2 GPM (12.1 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5536-1I1-73B	4.0 GPM (15.14 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5537-1I1-73B	5.3 GPM (20.06 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5534-1K1-73B	3.2 GPM (12.1 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5536-1K1-73B	4.0 GPM (15.14 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5537-1K1-73B	5.3 GPM (20.06 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5534-1I1-65C	3.2 GPM (12.1 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5536-1I1-65C	4.0 GPM (15.14 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5537-1I1-65C	5.3 GPM (20.06 LPM)	DEMAND	100 PSI (6.9 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5534-1K1-65C	3.2 GPM (12.1 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5536-1K1-65C	4.0 GPM (15.14 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5537-1K1-65C	5.3 GPM (20.06 LPM)	DEMAND	150 PSI (10.3 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC

(Contact Us For Additional Configurations)

PUMP INFORMATION

TYPE

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

PRIMING CAPABILITIES

14ft (4m)

MAX PRESSURE

150 PSI (10 BAR)

PRESSURE CONTROL

Demand
Bypass
No Controls
Dual Controls

INLET/OUTLET PORTS

3/4" Quick Attach
1/2" FNPT

WEIGHT

8 lbs (3.62 kg)

LIQUID TEMPERATURE

140°F (60°C) Max

MOTOR INFORMATION

TYPE

14 AWG, 7" 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)

PUMP PERFORMANCE

(Performance May Vary)

5514/5534				5516/5536			
PSI	GPM	LPM	AMPS	PSI	GPM	LPM	AMPS
OPEN	3.10	11.75	4.00	OPEN	4.55	17.24	7.50
10	2.80	10.61	5.00	10	4.10	15.54	8.50
20	2.30	8.72	6.00	20	3.75	14.21	9.50
30	2.10	7.96	7.00	30	3.40	12.89	11.00
40	1.90	7.20	8.00	40	3.05	11.56	12.50
50	1.65	6.25	8.50	50	2.75	10.42	14.00
60	1.45	5.50	9.50	60	2.45	9.29	15.00
70	1.40	5.31	10.00	70	2.35	8.91	16.00
80	1.35	5.12	10.50	80	2.20	8.34	16.75
90	1.30	4.93	11.00	90	2.00	7.58	17.50
100	1.25	4.74	11.75	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