



Liquid Fertilizer • General Industrial • Alternative Energy/Solar • Soft Washing/Bleach
Agricultural/Industrial Chemical Spraying • Construction Equipment Dust Suppression

PUMP FEATURES

- Factory tested performance
- Highest flow rates at working pressure
- Low heat and power consumption
- Superior vertical priming (14ft or 4.25m)
- 45-100 PSI (3-10.3 BAR) Pressure range
- 6.25-7.0 GPM (23.65-26.5 LPM) Flow range
- Ultra-efficient motor design
- Completely sealed motor
- Fluid port options
- DC and AC voltage options
- Material of construction options

PUMP PERFORMANCE (Performance may vary)

5518 (12 VDC)			
PSI	GPM	LPM	AMPS
OPEN	7.00	26.53	11.00
10	6.80	25.77	12.00
20	6.45	24.45	12.00
30	5.90	22.36	13.00
40	5.50	20.85	15.00
50	4.95	18.76	17.00
60	4.40	16.68	19.00
70	3.95	14.97	21.00
80	3.50	13.27	23.00
90	3.05	11.56	24.00
100	2.55	9.66	25.00

5538 (12 VDC)			
PSI	GPM	LPM	AMPS
OPEN	7.00	26.53	11.00
10	6.81	25.81	12.00
20	6.45	24.45	12.00
30	5.90	22.36	13.00
40	5.50	20.85	15.00
50	4.95	18.76	17.00
60	4.40	16.68	19.00
70	3.95	14.97	21.00
80	3.50	13.27	23.00
90	3.05	11.56	24.00
100	2.55	9.66	25.00



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
100 PSI (6.9 BAR)

LIQUID TEMPERATURE
140°F (60°C) Max

LEADS
12 AWG, 12" stripped or custom connection

PRESSURE CONTROL
Demand / Bypass
No Controls / Dual Controls



PUMP CONFIGURATIONS (Contact us for additional configurations)

FATBOY® STANDARD

Item Number	Flow	Controls	Pressure	Valves	Diaphragm	Ports	Voltage
5518-1E1-94A	7.0 GPM (26.5 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5518-2E1-94A	7.0 GPM (26.5 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5538-1E1-94A	7.0 GPM (26.5 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5538-2E1-94A	7.0 GPM (26.5 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC

24 VDC

Item Number	Flow	Controls	Pressure	Valves	Diaphragm	Ports	Voltage
5518-1E1-61A	7.0 GPM (26.5 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5518-2E1-61A	7.0 GPM (26.5 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	24 VDC
5538-1E1-61A	7.0 GPM (26.5 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	24 VDC
5538-2E1-61A	7.0 GPM (26.5 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
5518-1E1-94A	7.0 GPM (26.5 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5518-2E1-94A	7.0 GPM (26.5 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	110/120 VAC
5538-1E1-94A	7.0 GPM (26.5 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	110/120 VAC
5538-2E1-94A	7.0 GPM (26.5 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
5518-1H1-94A	7.0 GPM (26.5 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5518-2H1-94A	7.0 GPM (26.5 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	3/4" QUICK ATTACH	12 VDC
5538-1H1-94A	7.0 GPM (26.5 LPM)	DEMAND	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC
5538-2H1-94A	7.0 GPM (26.5 LPM)	BYPASS	60 PSI (4.14 BAR)	VITON	SANTOPRENE	1/2" FNPT	12 VDC