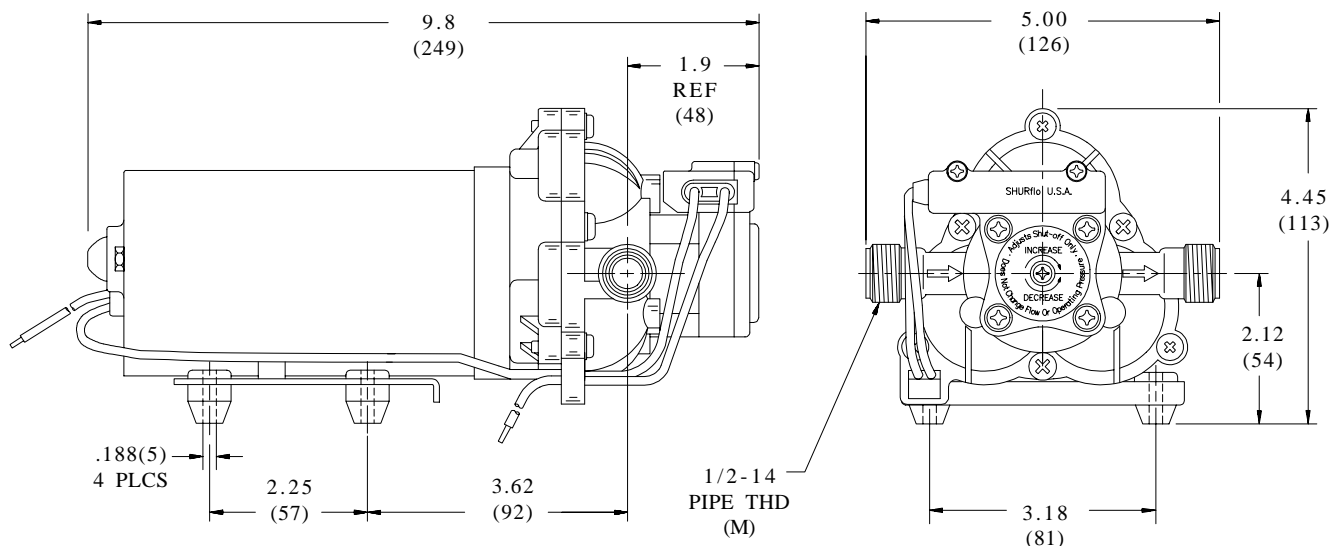
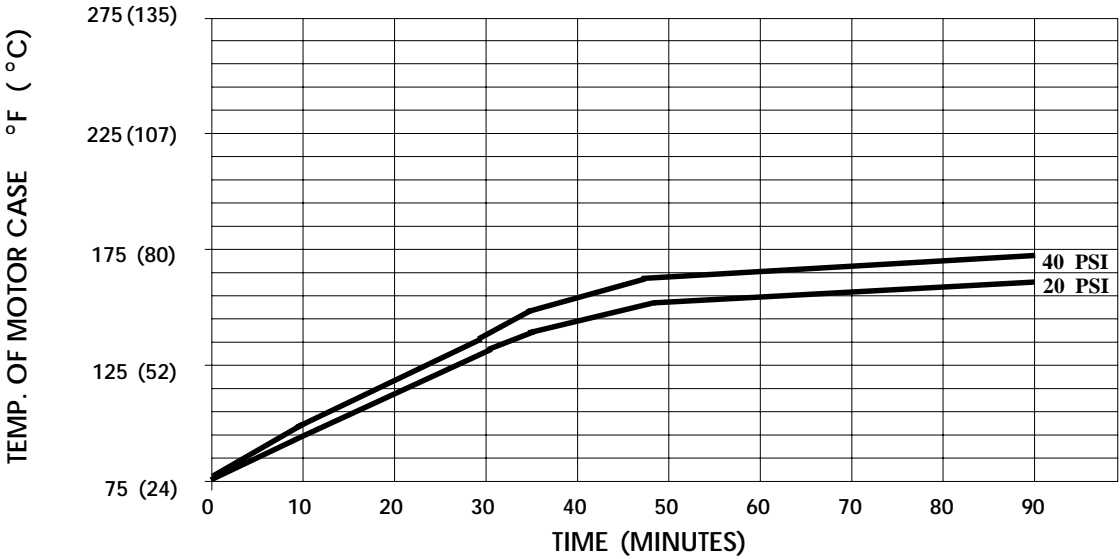


**SHURflo®***First in Fluid Innovation***PRODUCT DATA SHEET****MODEL: 2088-313-544****SPECIFICATIONS:****MODEL NUMBER:** 2088-313-544**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-226-06, Thermally Protected**VOLTAGE:** 12 VDC Nominal**PRESSURE SWITCH:** Splash-ProofFactory Set @ 45 PSI Shut-Off, Turn On 25 PSI  $\pm$  5 PSI**LIQUID TEMPERATURE:** 130 Degrees Fahrenheit (54 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 8 Ft. Vertical,  
Max. Inlet Pressure 30 PSI**PORTS:** 1/2"-14 Male Parallel Thread**MATERIAL OF CONSTRUCTION:****PLASTICS-** Polypropylene**VALVES-** Viton**DIAPHRAGM-** Santoprene**FASTENERS-** Stainless Steel**NET WEIGHT:** 6.0 Lbs (2.7 Kg)**DUTY CYCLE:** Continuous (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** Ag Transfer / Spray**DIMENSIONS:**

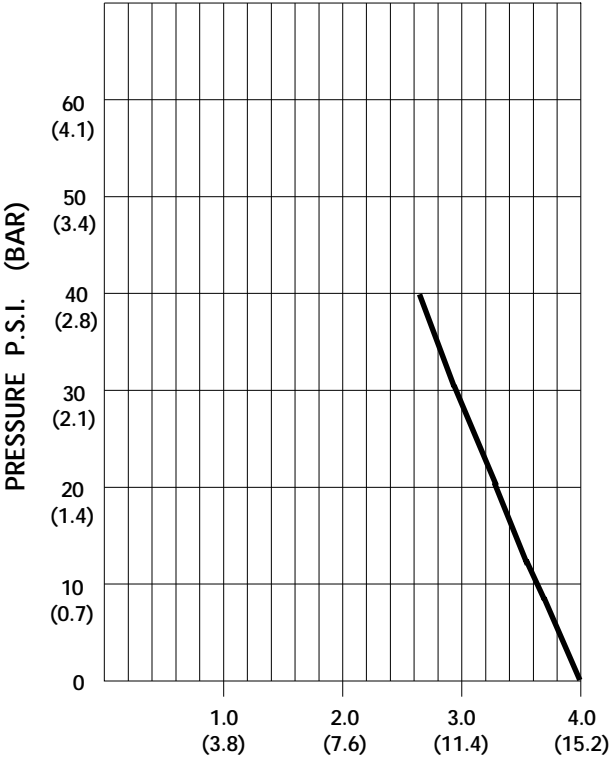
MODEL: 2088-313-544

**TEMPERATURE RISE**



THIS GRAPH IS FOR USE AS A DESIGN GUIDE. IT IS BASED ON RUNNING CONTINUOUSLY WITH AN AMBIENT TEMPERATURE OF 75°F IN STILL AIR. THE THERMAL BREAKER WILL OPEN WHEN THE CASE TEMPERATURE REACHES 280°F .

**TYPICAL PERFORMANCE**



PRESSURE (PSI/BAR)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	4.0/15.1	2600/2650	7.1	12 VDC
10	3.6/13.6	2585/2625	9.4	"
20	3.4/12.9	2500/2530	10.4	"
30	3.0/11.4	2440/2470	11.6	"
40	2.7/10.2	2415/2460	12.5	"

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For technical advice or service please take your pump into your local pump service center.

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