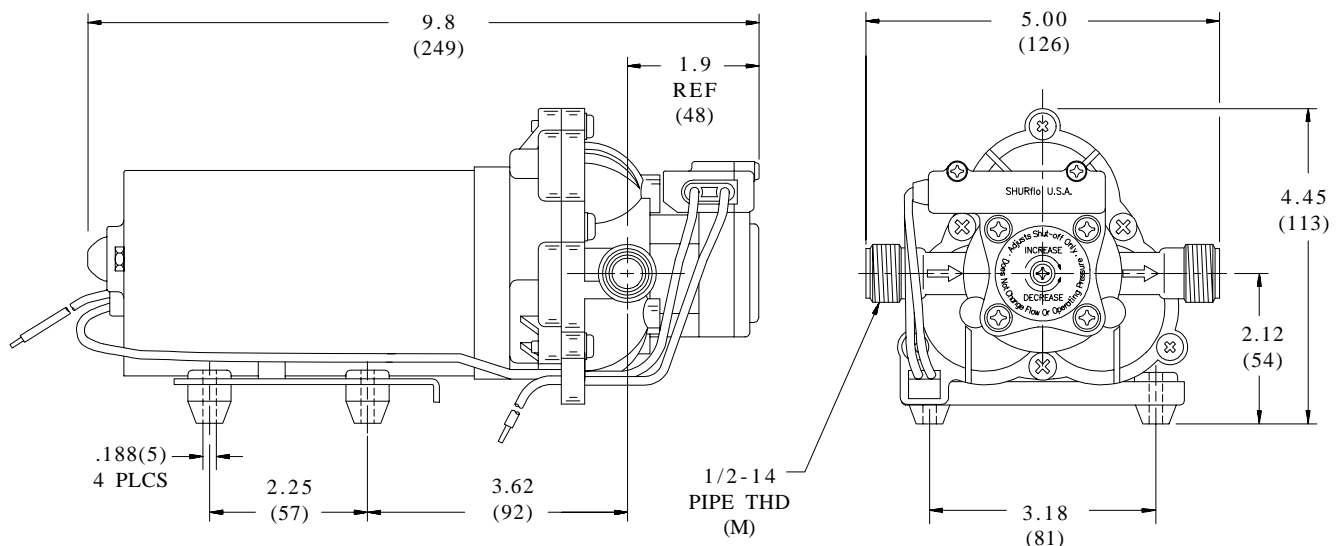
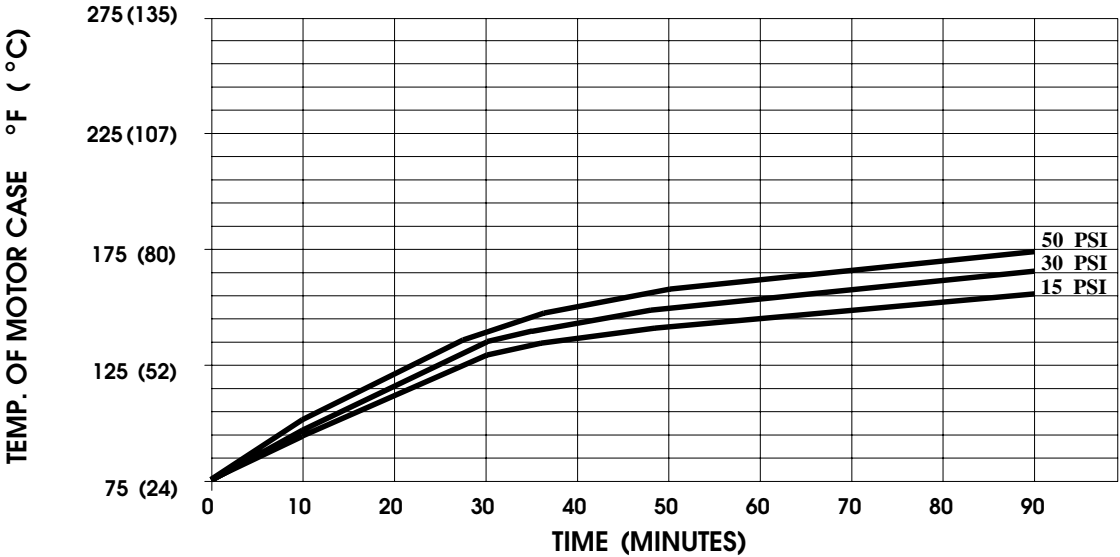


**PRODUCT DATA SHEET****MODEL: 2088-514-144****SPECIFICATIONS:****MODEL NUMBER:** 2088-514-144**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-226-06, Thermally Protected**VOLTAGE:** 12 VDC Nominal**PRESSURE SWITCH:** Splash-Proof, Adjustable from 30 to 50 PSIFactory 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

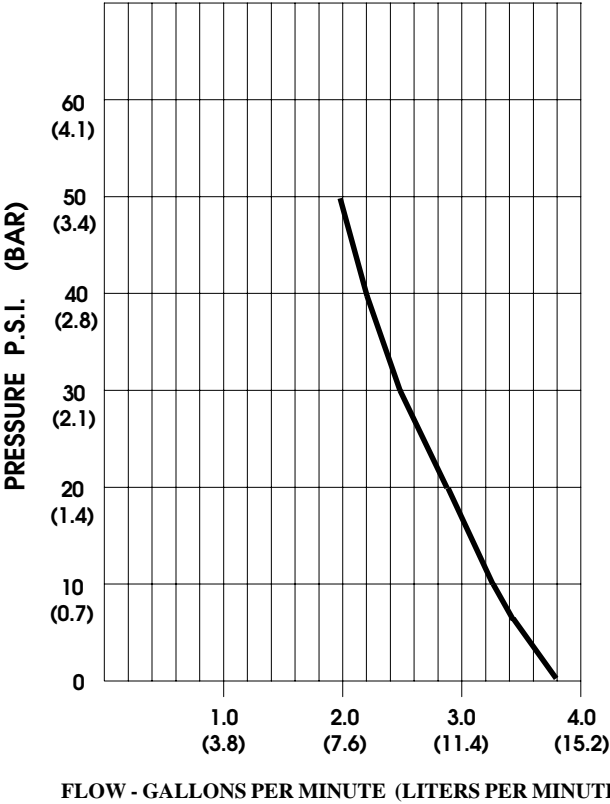
**PORTS:** 1/2"-14 Male Parallel Thread**MATERIAL OF CONSTRUCTION:****PLASTICS-** Polypropylene**VALVES-** Santoprene**DIAPHRAGM-** Santoprene**FASTENERS-** Stainless Steel**NET WEIGHT:** 6.0 Lbs (2.7 Kg)**DUTY CYCLE:** Continuous (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** Potable Water**APPROVALS:** NSF Listed**DIMENSIONS:**

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	3.8/14.4	2600/2650	5.6	12 VDC
10	3.3/12.5	2585/2625	7.9	"
20	2.9/11.0	2500/2530	8.9	"
30	2.5/9.5	2440/2470	10.0	"
40	2.2/8.3	2415/2460	10.5	"
50	2.0/7.6	2390/2425	11.0	"

---

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

To order pump or parts or for pricing please go to the following links :

[Shurflo Pumps Home >>](#)

[Shurflo Pumps stock list >>](#)