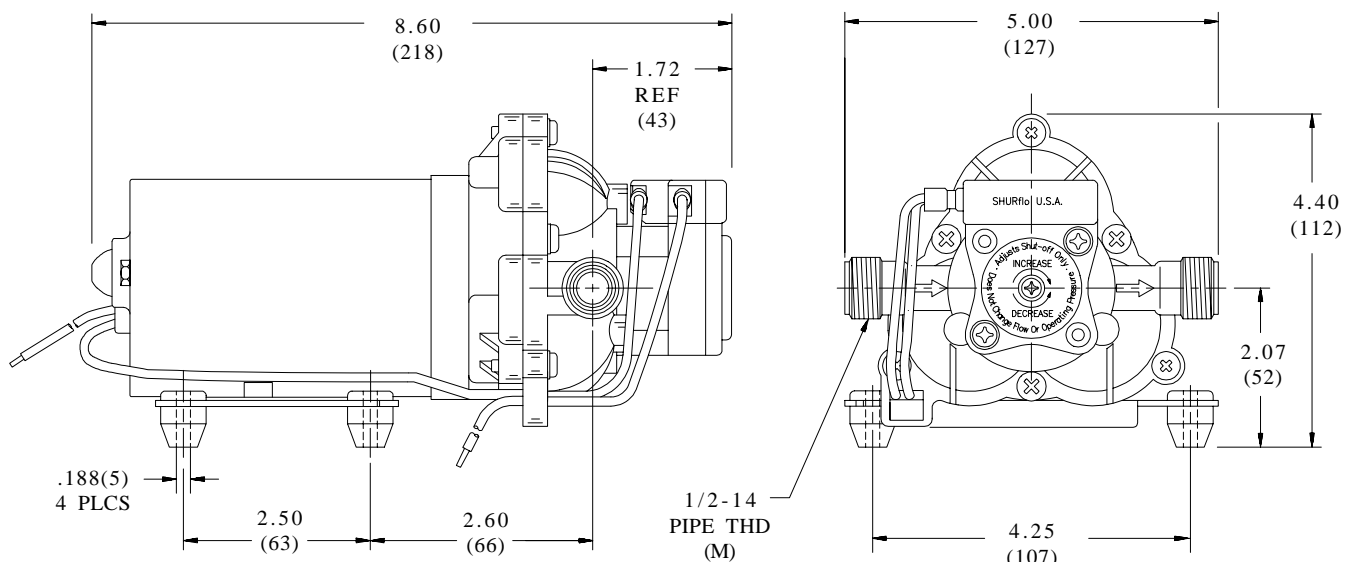
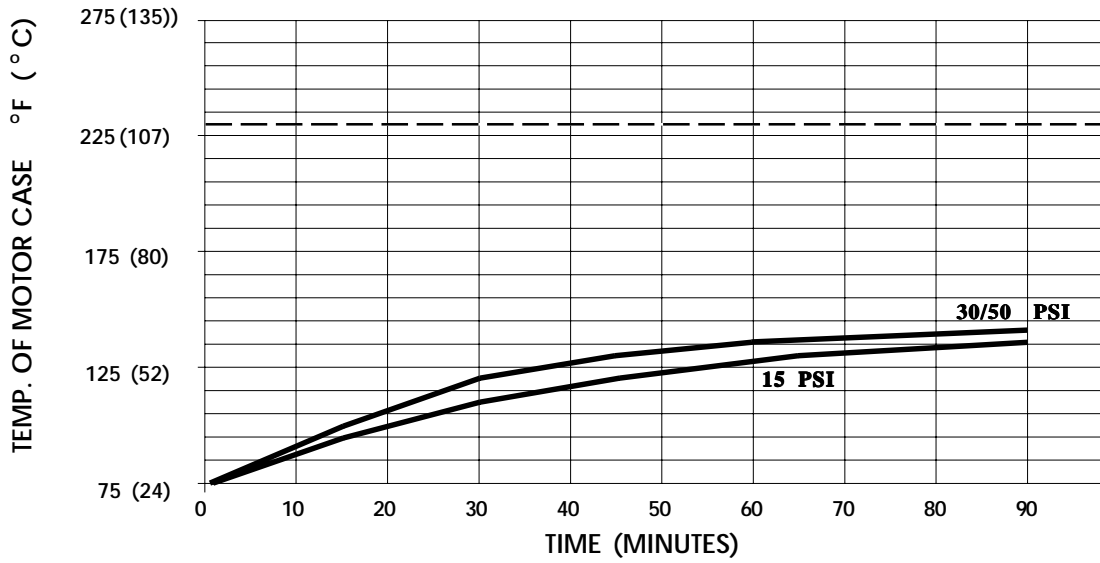


# SHURflo

*First in Fluid Innovation***PRODUCT DATA SHEET****MODEL: 2088-594-154****SPECIFICATIONS:****MODEL NUMBER:** 2088-594-154**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 11-150-10, Thermally Protected**VOLTAGE:** 115 VAC Nominal**PRESSURE SWITCH:** Adjustable from 30 to 50 PSI. Factory Set @ 45 PSI Shut-Off,  
Turn On  $25 \pm 5$  PSI**LIQUID TEMPERATURE:** 130 Degrees Fahrenheit (54 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 9.0 Ft. Vertical,  
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 1/2" - 14 Male Parallel Thread**MATERIAL OF CONSTRUCTION:****PLASTICS-** Polypropylene**VALVES-** Santoprene**DIAPHRAGM-** Santoprene**FASTENERS-** Zinc Plated Steel**NET WEIGHT:** 5.1 Lbs (2.31 Kg)**DUTY CYCLE:** Intermittent (See Temp. Rise Chart)**TYPICAL APPLICATIONS:** Water Delivery**APPROVALS:** NSF Listed, UL/CSA Recognized Component**DIMENSIONS:**

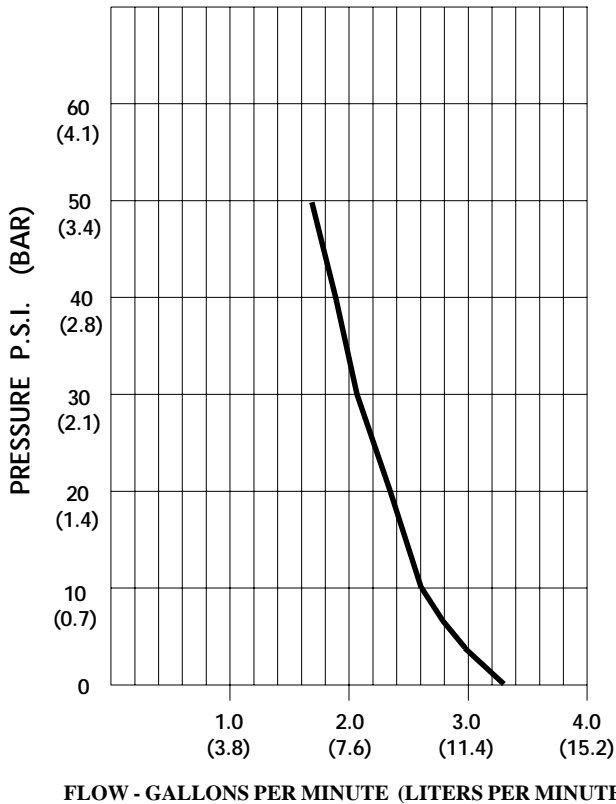
**TEMPERATURE RISE**



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 230° F.

[----- TRIP POINT OF THERMAL PROTECTOR]

**TYPICAL PERFORMANCE**



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	3.30/12.5	1945/1980	0.53	115 VAC
10	2.60/9.8	1890/1930	0.58	"
20	2.34/8.8	1775/1820	0.67	"
30	2.08/7.9	1670/1715	0.76	"
40	1.85/7.0	1600/1635	0.85	"
50	1.64/6.2	1550/1575	0.94	"

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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

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