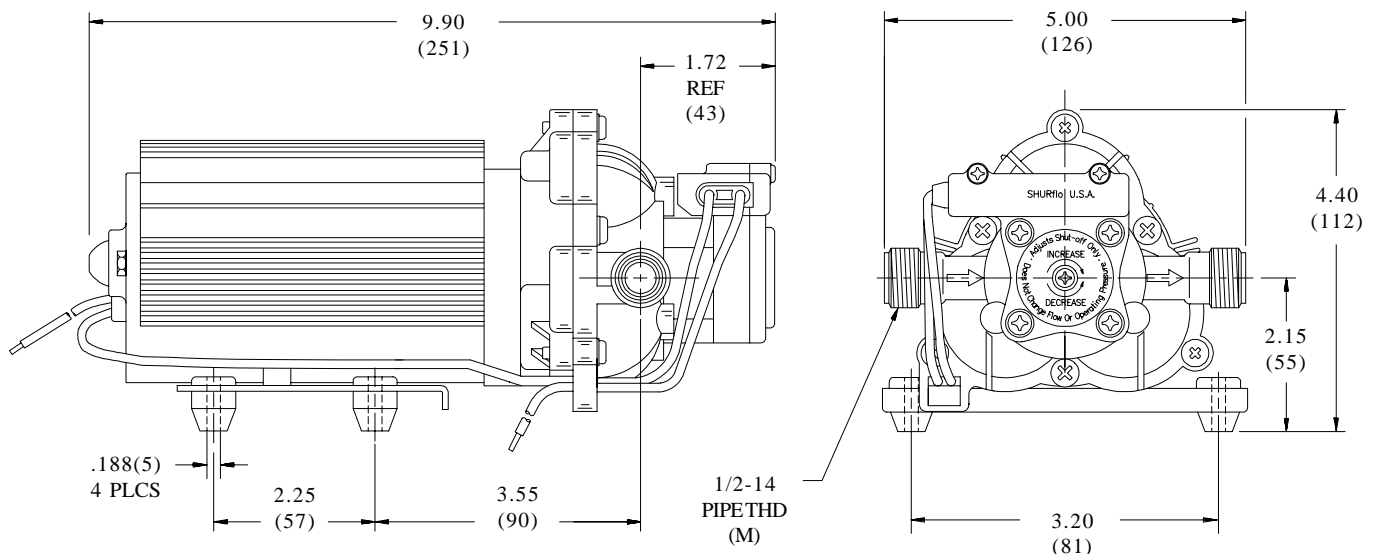
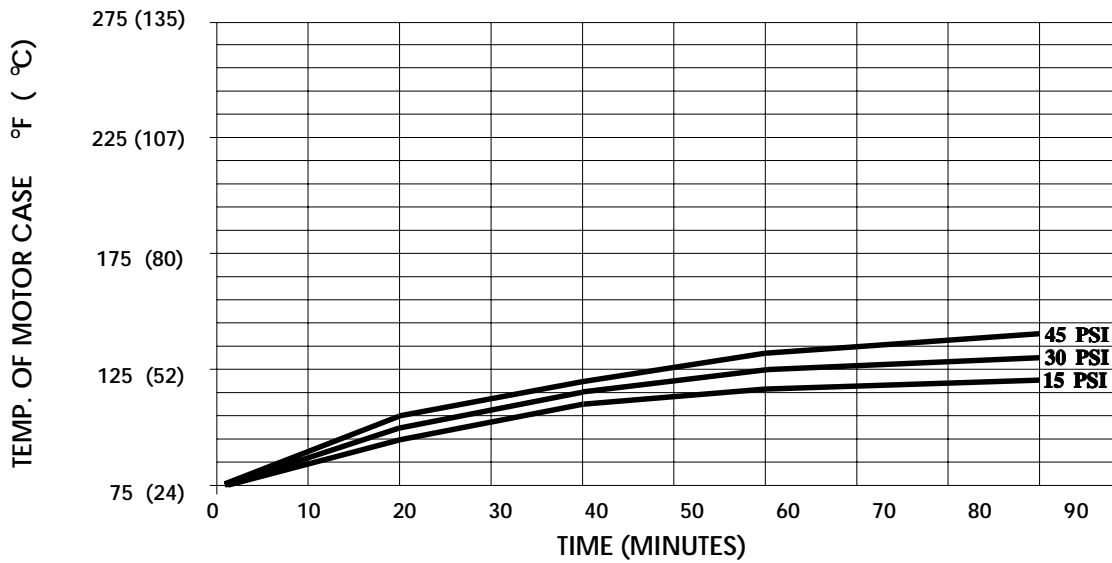


SHURflo[®]*First in Fluid Innovation***PRODUCT DATA SHEET****MODEL: 2088-514-145****SPECIFICATIONS:****MODEL NUMBER:** 2088-514-145**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-185-06, Thermally Protected**VOLTAGE:** 12 VDC Nominal**PRESSURE SWITCH:** Splash-Proof, Adjustable from 30 to 50 PSI.Factory 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 9.0 Ft. Vertical,

Max. Inlet Pressure 30 PSI (2.1 Bar)

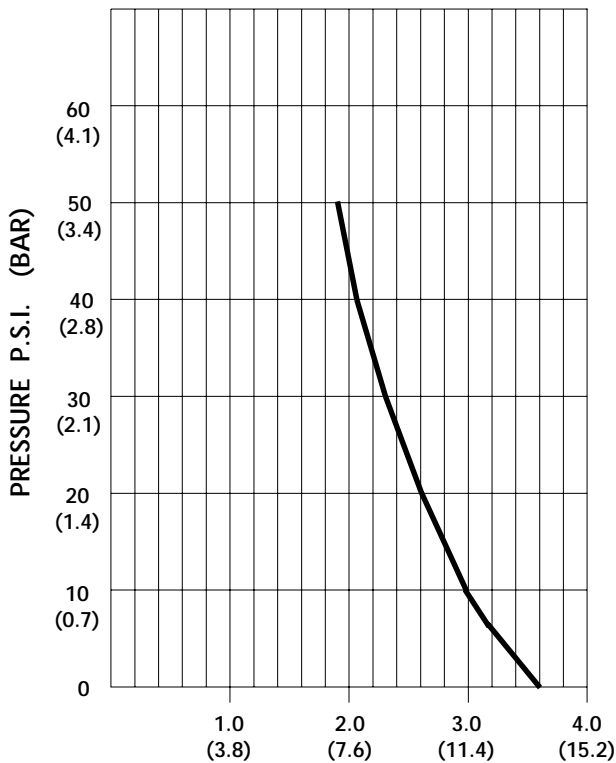
PORTS: 1/2"-14 Male Parallel Thread**MATERIAL OF CONSTRUCTION:****PLASTICS-** Polypropylene**VALVES-** Santoprene**DIAPHRAGM-** Santoprene**FASTENERS-** Stainless Steel**NET WEIGHT:** 6.8 Lbs (3.1 Kg)**DUTY CYCLE:** Continuous (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** Potable Water**APPROVALS:** N.S.F. Listed**DIMENSIONS:**

TEMPERATURE RISE



THIS GRAPH IS FOR USE AS A DESIGN GUIDE. IT IS BASED ON RUNNING CONTINUOUSLY WITH AN AMBIENT TEMPERATURE OF 70°F IN STILL AIR. THE THERMAL BREAKER WILL OPEN WHEN THE CASE TEMPERATURE REACHES 280°F.

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	3.60/13.6	2330/2465	4.5	12 VDC
10	2.90/11.0	2320/2460	5.6	"
20	2.60/9.8	2275/2405	7.1	"
30	2.30/8.7	2250/2365	8.4	"
40	2.07/7.8	2220/2335	9.0	"
50	1.90/7.2	2205/2315	9.5	"

FLOW - GALLONS PER MINUTE (LITERS PER MINUTE)

-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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