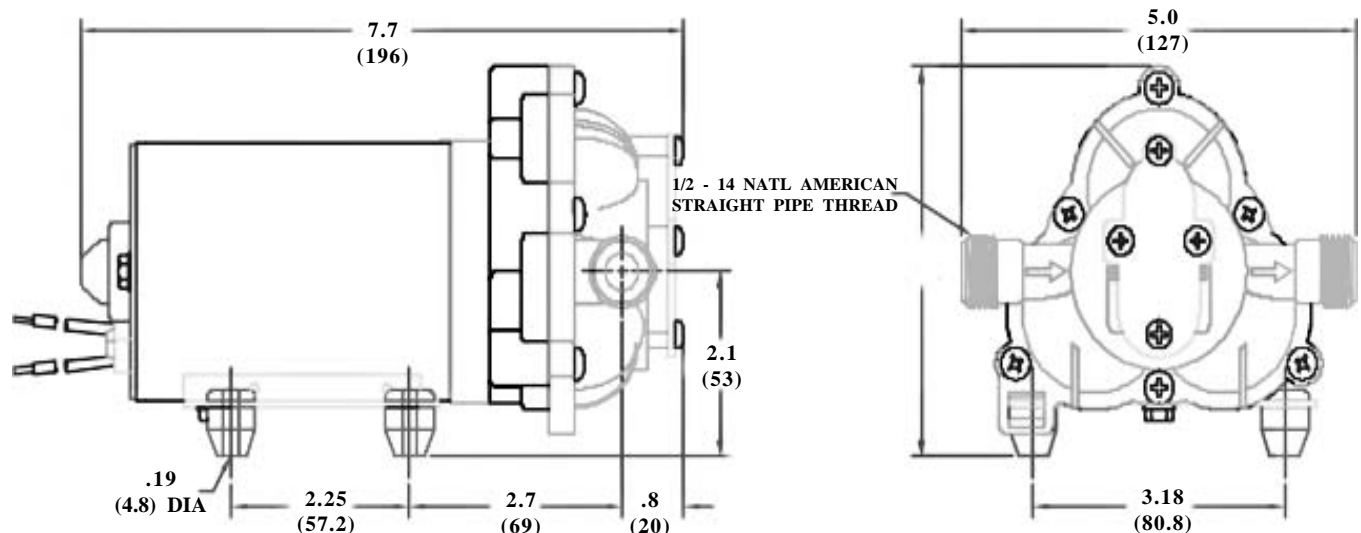
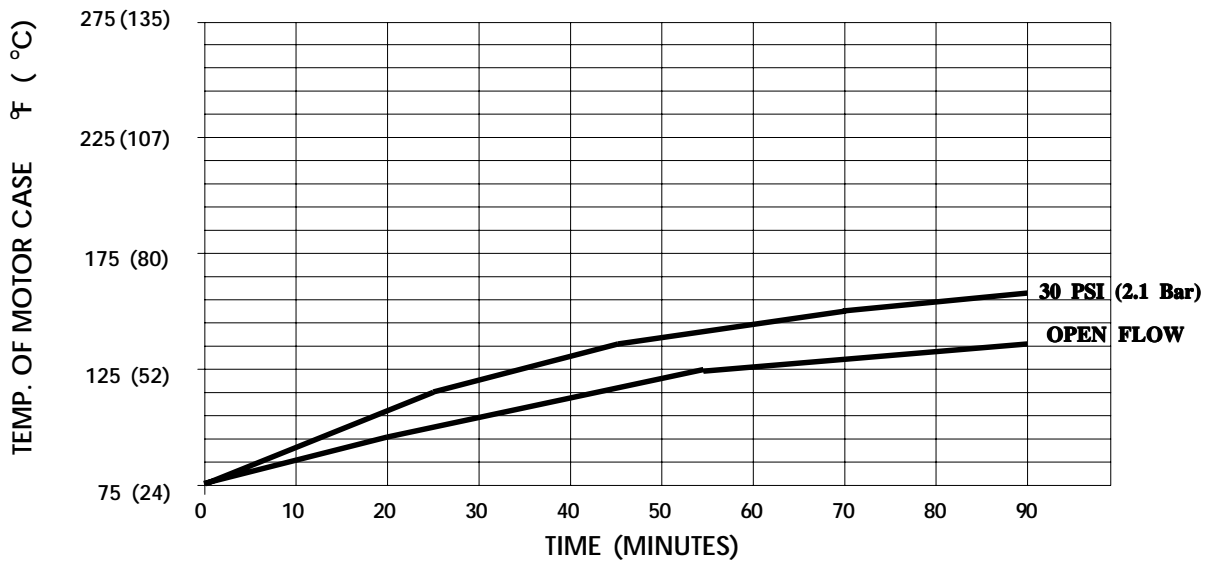


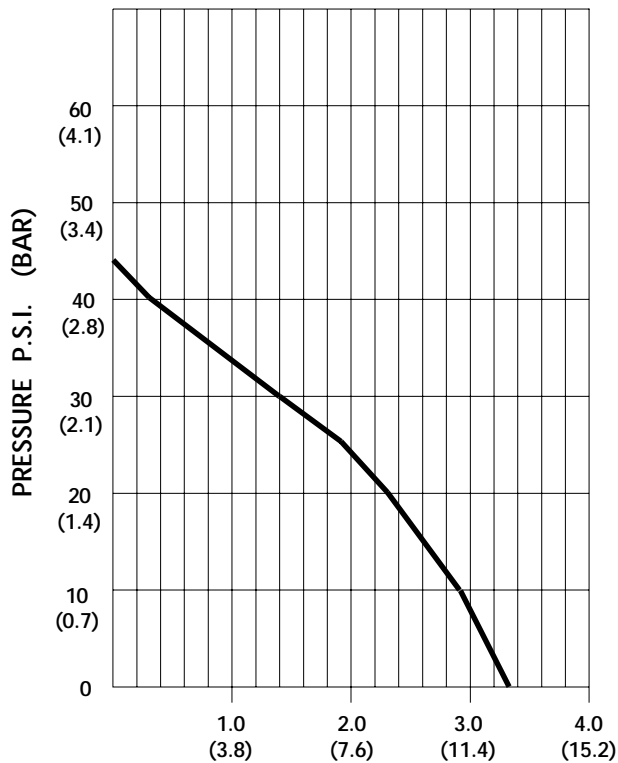
SHURflo[®]*First in Fluid Innovation***PRODUCT DATA SHEET****MODEL: 2088-344-500****SPECIFICATIONS:****MODEL NUMBER:** 2088-344-500**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-111-00**VOLTAGE:** 12 VDC Nominal**PRESSURE SWITCH:** None**LIQUID TEMPERATURE:** 130 Degrees Fahrenheit (54 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 8.0 Feet (2.4 Meters) Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 1/2" - 14 Male Parallel Thread**MATERIAL OF CONSTRUCTION:****PLASTICS-** Polypropylene**VALVES-** Viton**DIAPHRAGM-** Santoprene**FASTENERS-** Zinc Plated Steel**NET WEIGHT:** 4.1 Lbs (1.86 Kg)**DUTY CYCLE:** Continuous (See Temp. Rise Chart)**TYPICAL APPLICATIONS:** Agricultural Spraying**BYPASS:** 45 PSI Max.**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.

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	3.3/12.5	2195/2210	3.5	12 VDC
10	2.9/10.9	2160/2175	5.8	"
20	2.3/8.7	2100/2110	7.1	"
30	1.4/5.3	2065/2100	8.2	"
40	0.6/2.3	1975/1985	9.1	"

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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