

**SPECIFICATIONS:**

**MODEL NUMBER:** 2088-594-500

**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump

**CHECK VALVE:** None

**CAM:** 3.0 Degree

**MOTOR:** Permanent Magnet, P/N 11-195-00, with Power Cord

**VOLTAGE:** 115 VAC Nominal

**PRESSURE SWITCH:** None

**LIQUID TEMPERATURE:** 130 Degrees Fahrenheit (54 Degrees Centigrade) Max.

**PRIME:** Self-Priming Up To 9 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

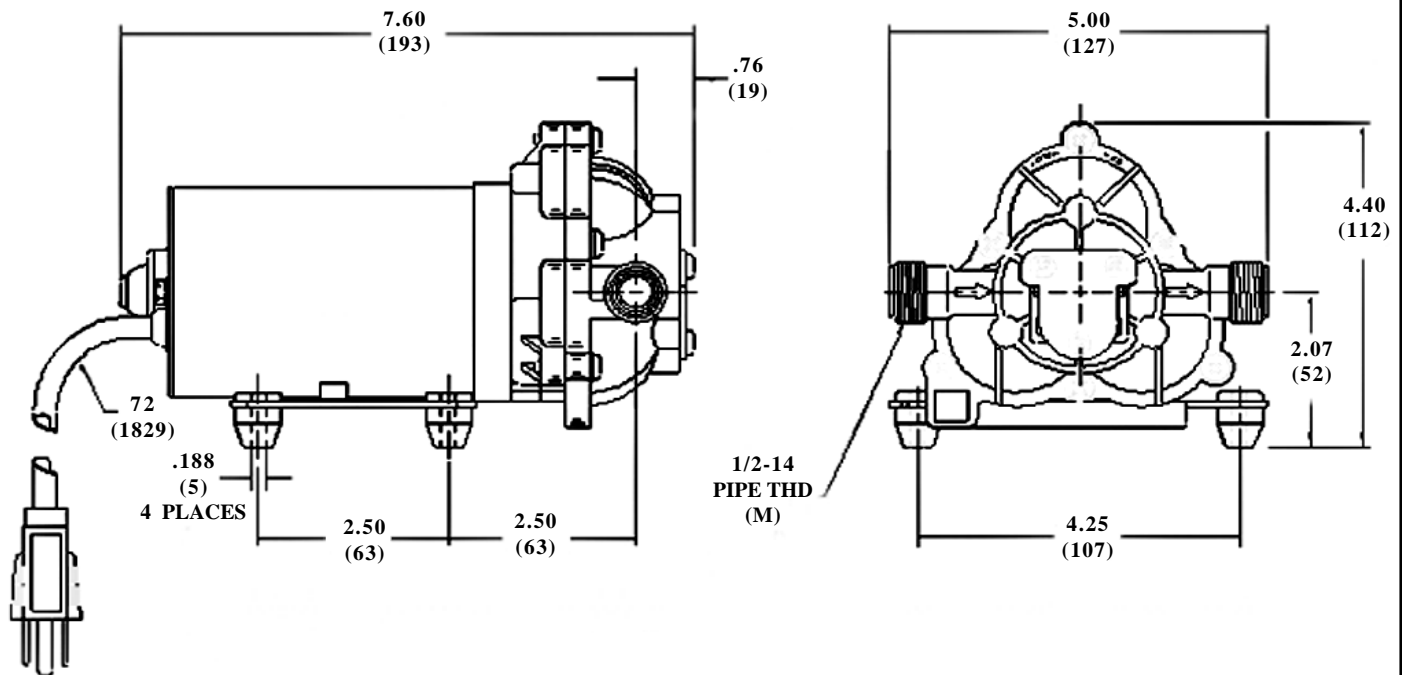
**NET WEIGHT:** 5.5 Lbs (2.5 Kg)

**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)

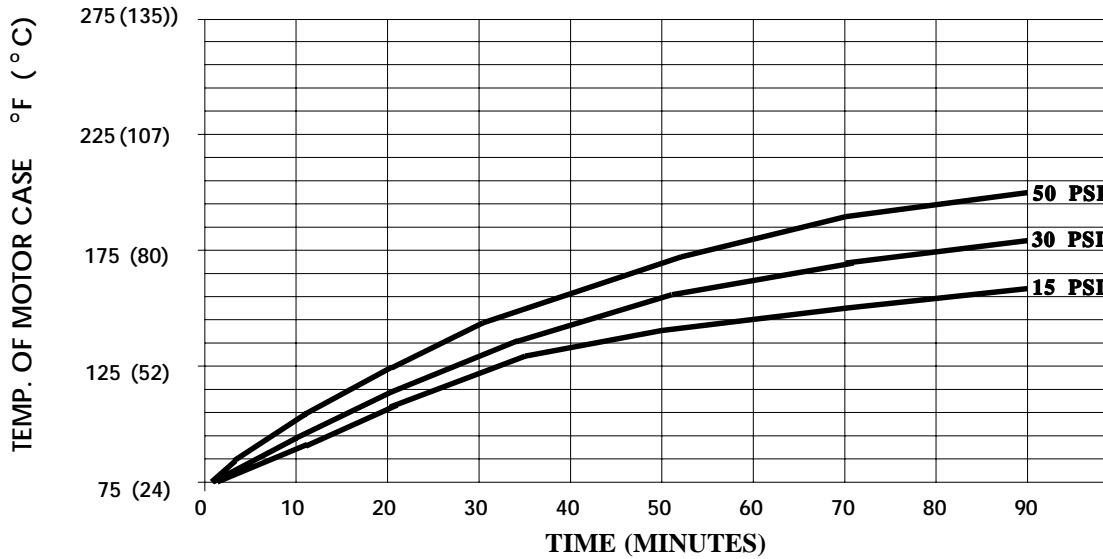
**TYPICAL APPLICATIONS:** Water Delivery

**APPROVALS:** N.S.F. Listed

**DIMENSIONS:**

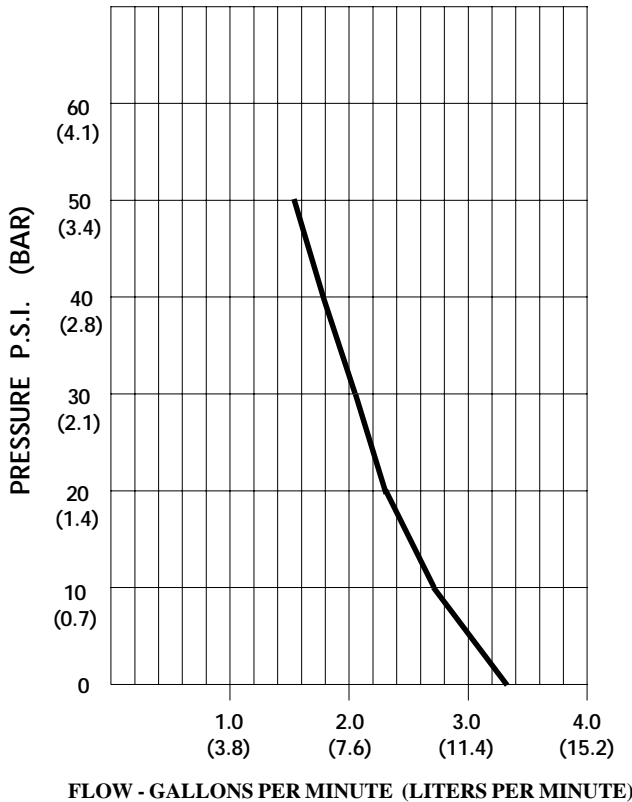


**TEMPERATURE RISE**



THIS GRAPH IS FOR USE AS A DESIGN GUIDE. IT IS BASED ON RUNNING CONTINUOUSLY WITH AN AMBIENT TEMPERATURE OF 75° F IN STILL AIR.

**TYPICAL PERFORMANCE**



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	<b>3.30/12.5</b>	<b>1985/2160</b>	<b>0.55</b>	<b>115 VAC</b>
10	<b>2.65/10.0</b>	<b>1938/2115</b>	<b>0.60</b>	"
20	<b>2.30/8.7</b>	<b>1826/1990</b>	<b>0.70</b>	"
30	<b>2.00/7.6</b>	<b>1745/1895</b>	<b>0.80</b>	"
40	<b>1.80/6.8</b>	<b>1670/1835</b>	<b>0.85</b>	"
50	<b>1.50/5.7</b>	<b>1620/1790</b>	<b>0.90</b>	"

*-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
-ALL DATA BASED ON TESTING WITH WATER.*