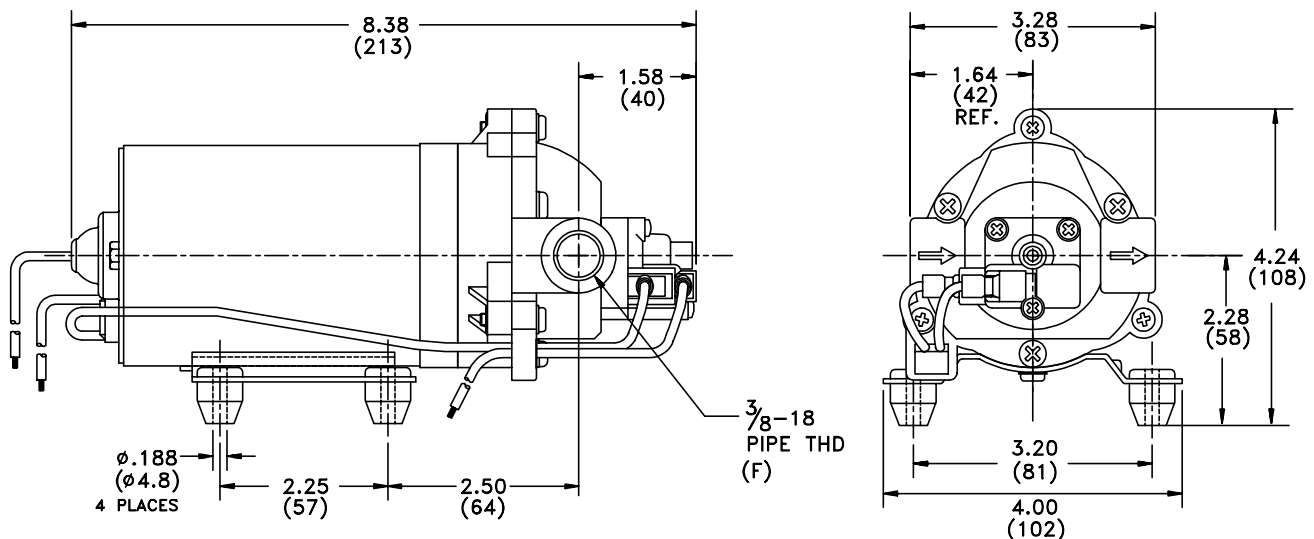
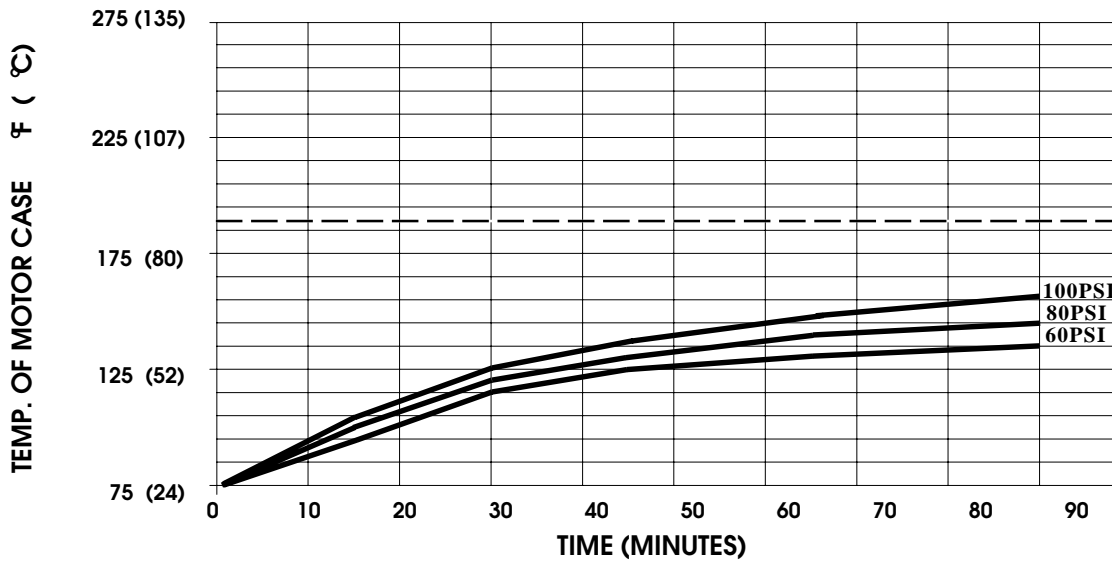


**PRODUCT DATA SHEET****MODEL: 8005-911-288****SPECIFICATIONS:****MODEL NUMBER:** 8005-911-288**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 2.0 Degree**MOTOR:** Permanent Magnet, P/N 11-150-10, Thermally Protected**VOLTAGE:** 115 VAC Nominal**PRESSURE SWITCH:** Adjustable Shut-Off (Range 85-100 PSI)Factory Set @100 PSI, Turn On 85 PSI  $\pm 5$  PSI**LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 6.5 Ft. Vertical,  
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 3/8"-18 NPT, Female**MATERIAL OF CONSTRUCTION:****PLASTICS-** Nylon**VALVES-** EPDM**DIAPHRAGM-** Santoprene**FASTENERS-** Zinc Plated Steel**NET WEIGHT:** 4.9 Lbs (2.2 Kg)**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)**APPROVALS:** NSF Listed, UL/CSA Recognized**TYPICAL APPLICATIONS:** In-Line Carbonator**BYPASS:** 80 PSI**DIMENSIONS:**

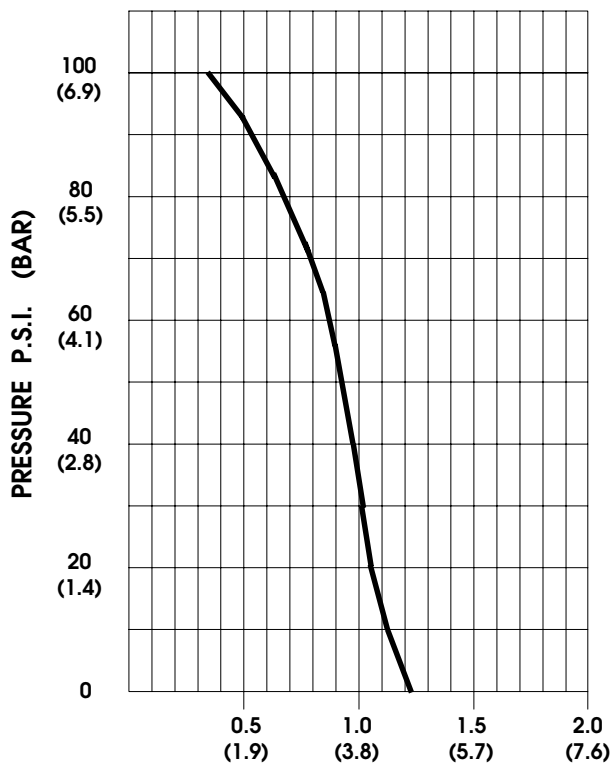
**TEMPERATURE RISE**



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 190° F.

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

**TYPICAL PERFORMANCE**



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.23/4.6	2230/2300	0.33	115 VAC
10	1.13/4.3	2180/2265	0.38	"
20	1.04/3.9	2125/2200	0.43	"
30	1.00/3.8	2075/2140	0.48	"
40	0.95/3.6	2020/2090	0.53	"
50	0.92/3.5	1965/2030	0.58	"
60	0.88/3.3	1915/1980	0.63	"
70	0.83/3.1	1855/1940	0.67	"
80	0.75/2.8	1800/1890	0.72	"
90	0.60/2.3	1760/1845	0.77	"
100	0.35/1.3	1710/1800	0.82	"

FLOW - GALLONS PER MINUTE (LITERS PER MINUTE)

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

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