

### SPECIFICATIONS:

**MODEL NUMBER:** 8001-997-236

**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 11-150-06, Thermally Protected

**VOLTAGE:** 115 VAC Nominal

**PRESSURE SWITCH:** Adjustable Shut-Off (Range 45-65 PSI)

Factory Set @ 60 PSI, Turn On 50 PSI  $\pm$  5 PSI

**LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.

**PRIME:** Self-Priming Up To 11 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

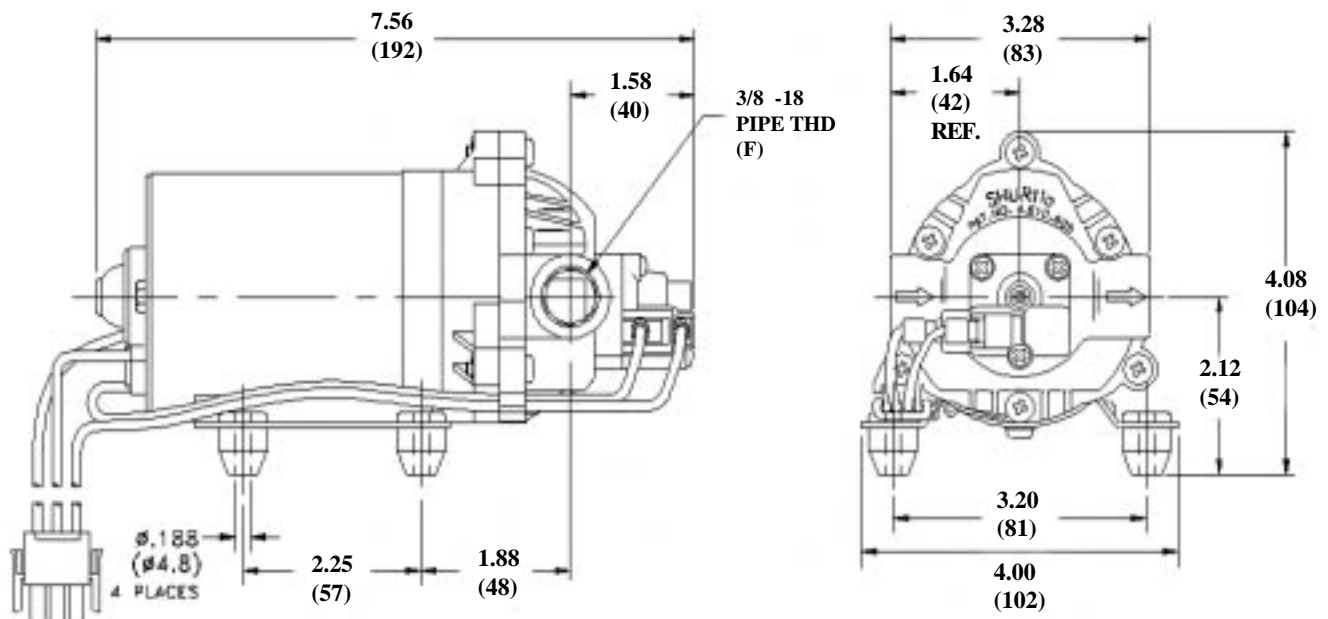
**NET WEIGHT:** 3.7 Lbs (1.7 Kg)

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

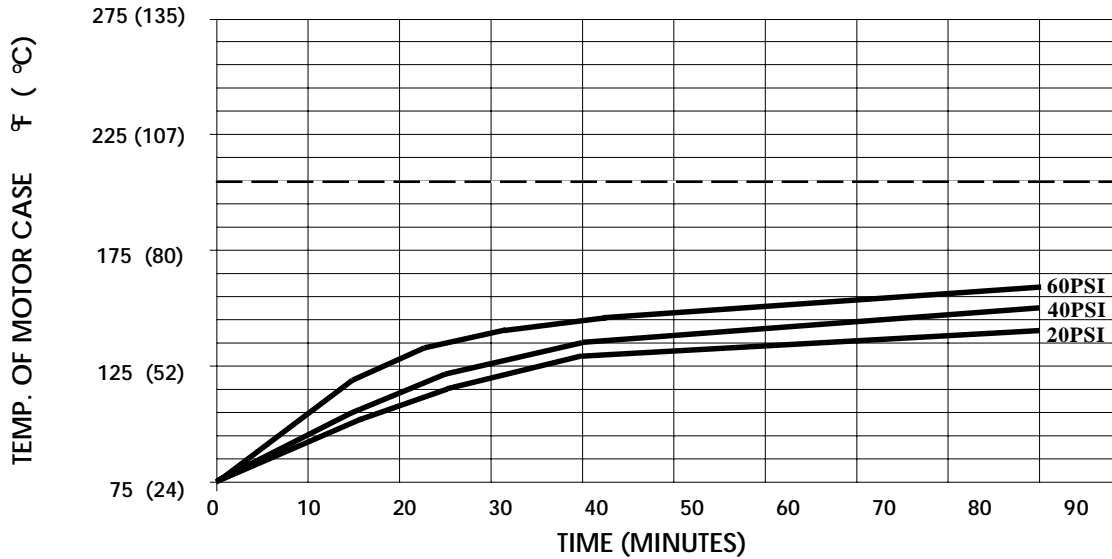
**TYPICAL APPLICATIONS:** General Ind. / Water

**HARNESS:** 3 Circuit Amp Connector w/6ft of Sjeow Cord Included

### DIMENSIONS:



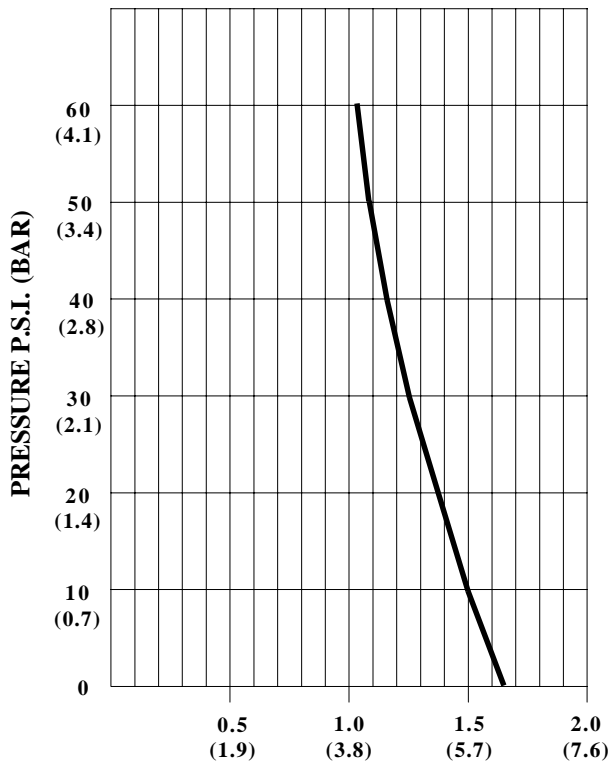
**TEMPERATURE RISE**



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 205° F.

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

**TYPICAL PERFORMANCE**



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.64/6.2	2140/2160	0.31	115VAC
10	1.50/5.7	2015/2050	0.35	"
20	1.36/5.1	1900/1915	0.41	"
30	1.25/4.7	1770/1800	0.46	"
40	1.16/4.4	1655/1685	0.50	"
50	1.08/4.1	1565/1590	0.57	"
60	1.02/3.9	1510/1530	0.61	"

FLOW - GALLONS PER MINUTE (LITERS PER MINUTE)

*-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.*

*-ALL DATA BASED ON TESTING WITH WATER AT AMBIENT TEMPERATURE.*