

### 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

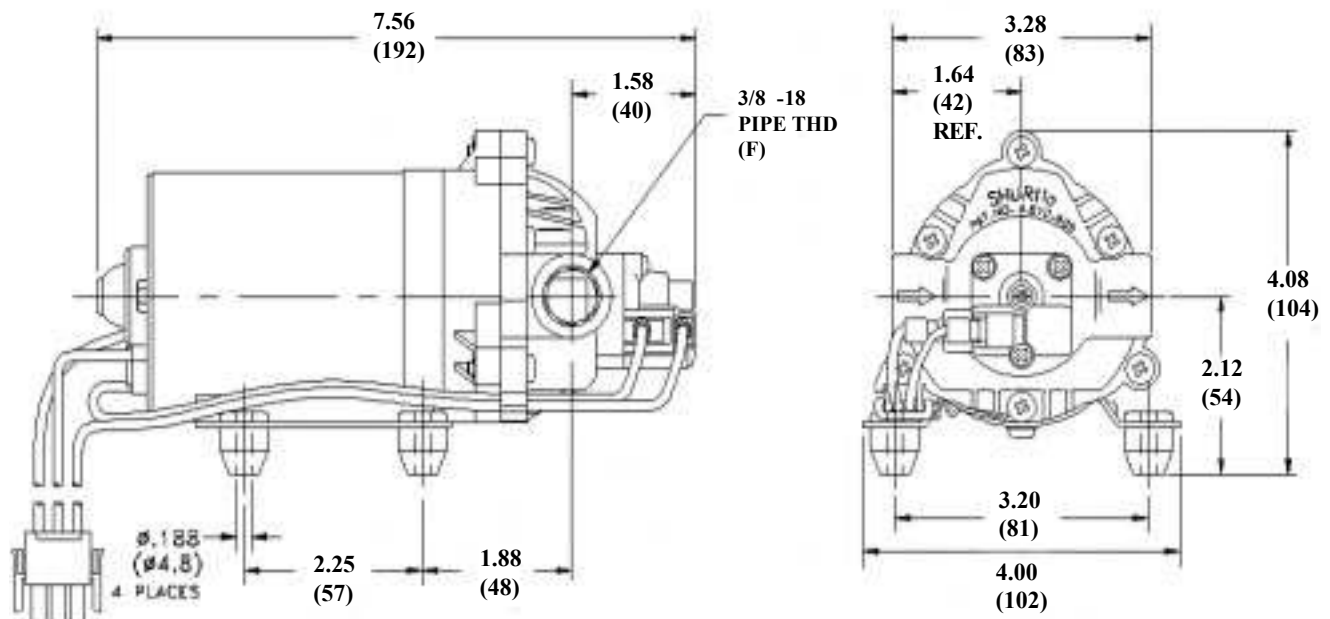
**NET WEIGHT:** 3.7 Lbs (1.7 Kg)

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

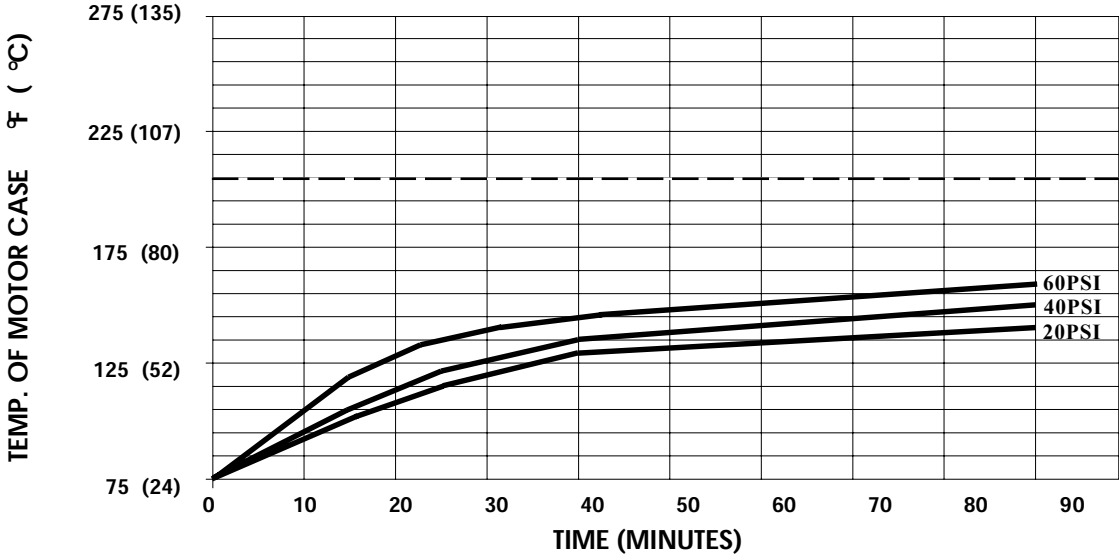
**TYPICAL APPLICATIONS:** General Ind. / Water

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

### DIMENSIONS:



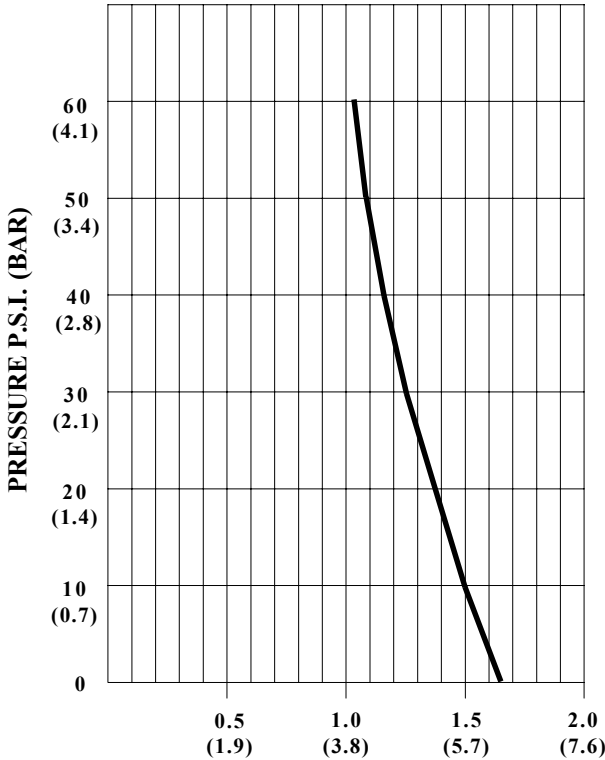
**TEMPERATURE RISE**



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.**