

#### SPECIFICATIONS:

**MODEL NUMBER:** 2088-264-144

**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 11-160-10, Thermally Protected

**VOLTAGE:** 230 VAC Nominal

**PRESSURE SWITCH:** Factory Set @ 45 PSI Shut-Off, Turn On 25  $\pm$  5 PSI

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

**PRIME:** Self-Priming Up To 9.0 Ft. Vertical,  
Max. Inlet Pressure 30 PSI (2.1 Bar)

**PORTS:** 1/2" - 14 Male Parallel Thread

**MATERIAL OF CONSTRUCTION:**

**PLASTICS-** Polypropylene

**VALVES-** EPDM

**DIAPHRAGM-** Santoprene

**FASTENERS-** Zinc Plated Steel

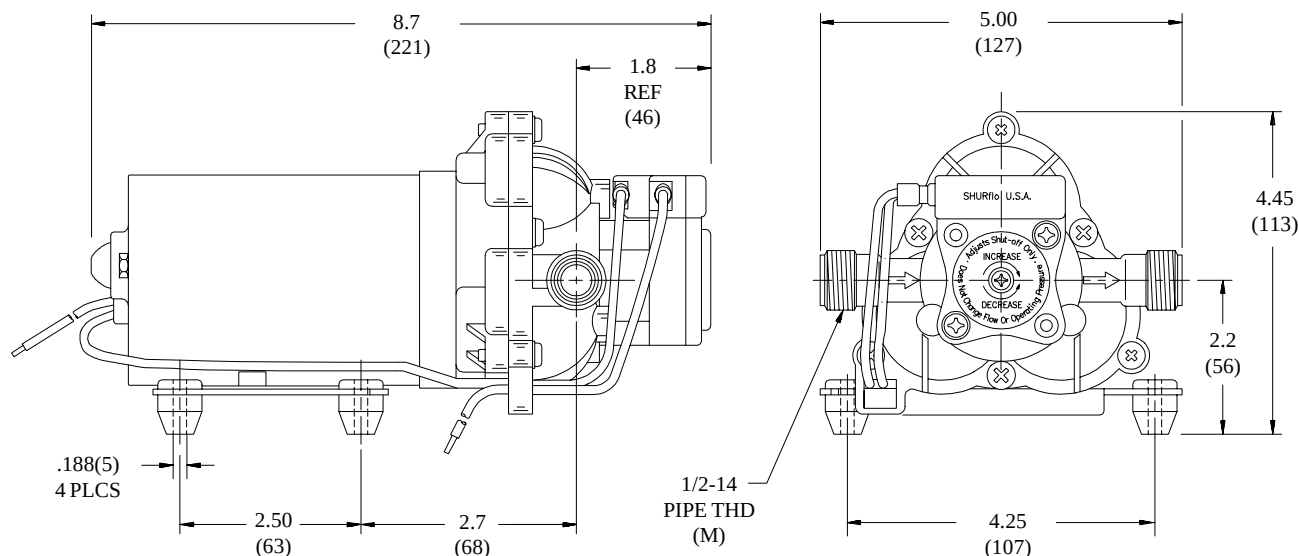
**NET WEIGHT:** 5.0 Lbs (2.27 Kg)

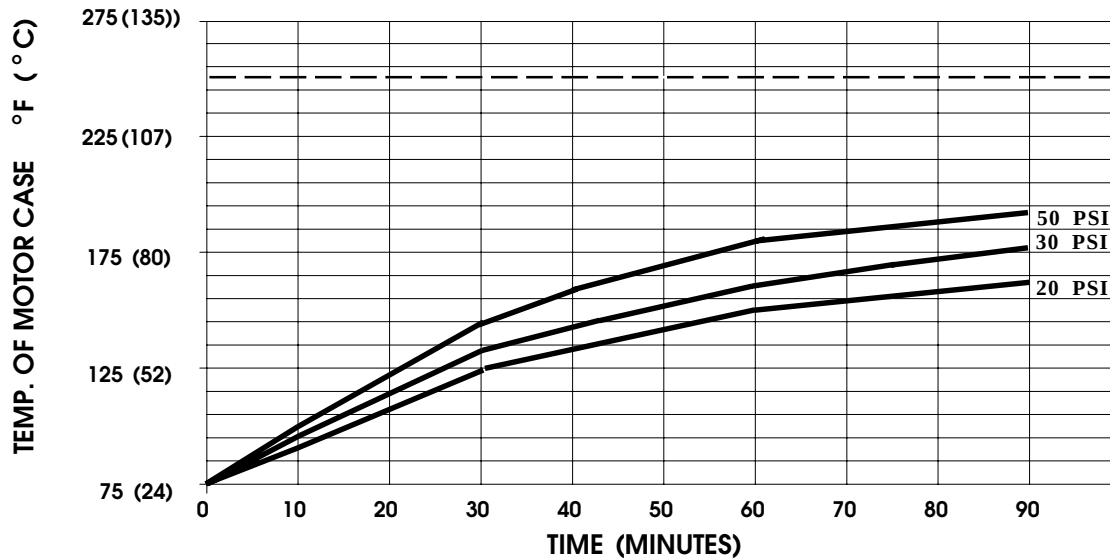
**DUTY CYCLE:** Intermittent (See Temp. Rise Chart)

**TYPICAL APPLICATIONS:** Water Delivery

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

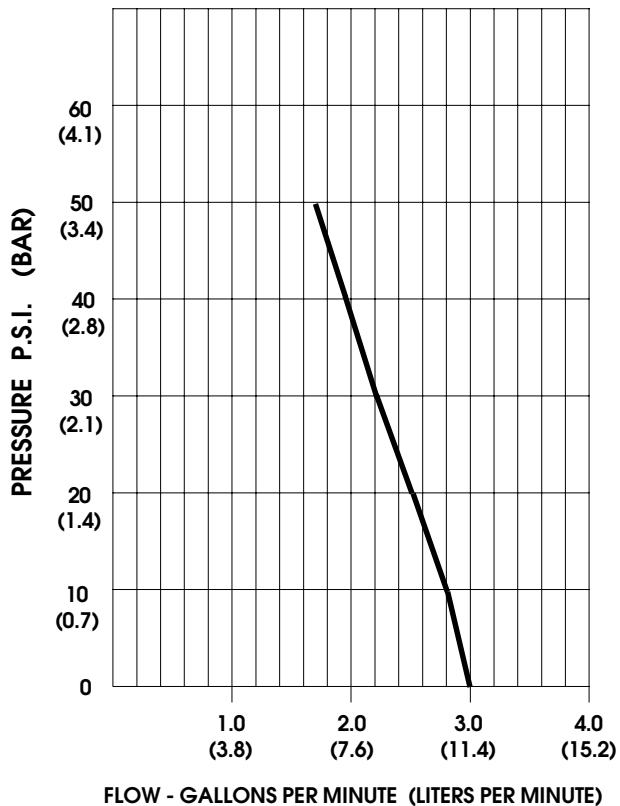
#### DIMENSIONS:



**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. THE THERMAL BREAKER WILL OPEN WHEN THE CASE TEMPERATURE REACHES 250° F.

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

**TYPICAL PERFORMANCE**

| PRESSURE (PSI) | FLOW (GPM/LIT) | RPM MIN/MAX | CURRENT (AMPS) | VOLTAGE (VOLTS) |
|----------------|----------------|-------------|----------------|-----------------|
| OPEN           | 3.00/11.3      | 2140/2150   | .30            | 230VAC          |
| 10             | 2.80/10.6      | 2115/2140   | .35            | "               |
| 20             | 2.50/9.5       | 1995/2010   | .45            | "               |
| 30             | 2.20/8.3       | 1895/1910   | .50            | "               |
| 40             | 2.00/7.6       | 1795/1825   | .55            | "               |
| 50             | 1.70/6.4       | 1695/1755   | .60            | "               |

*-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.*

*-ALL DATA BASED ON TESTING WITH WATER.*