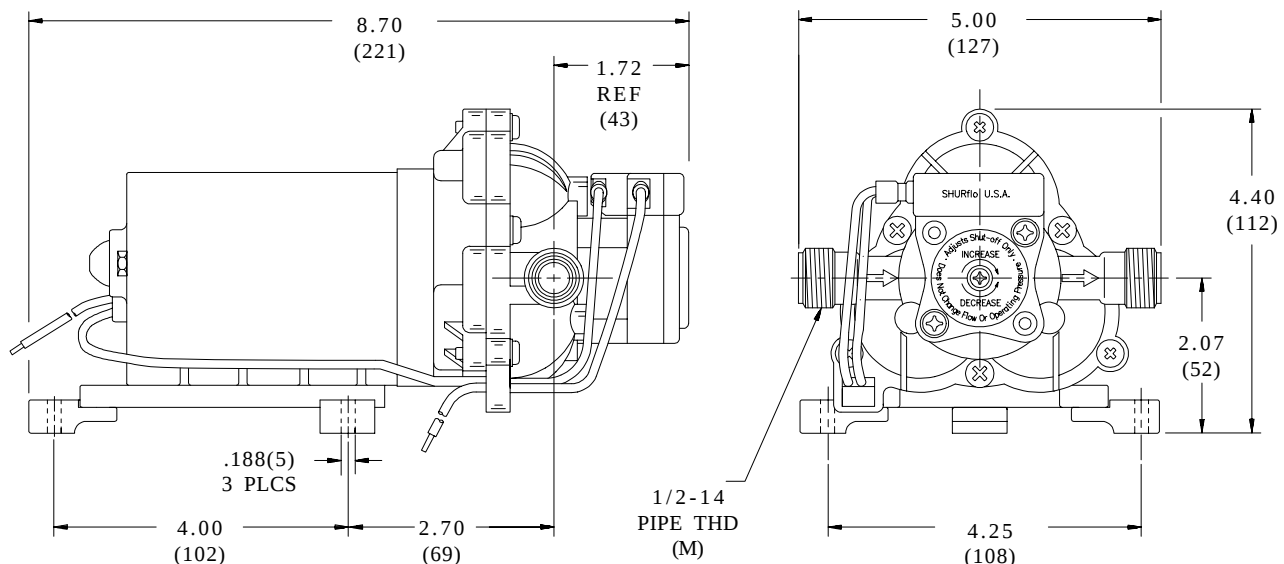
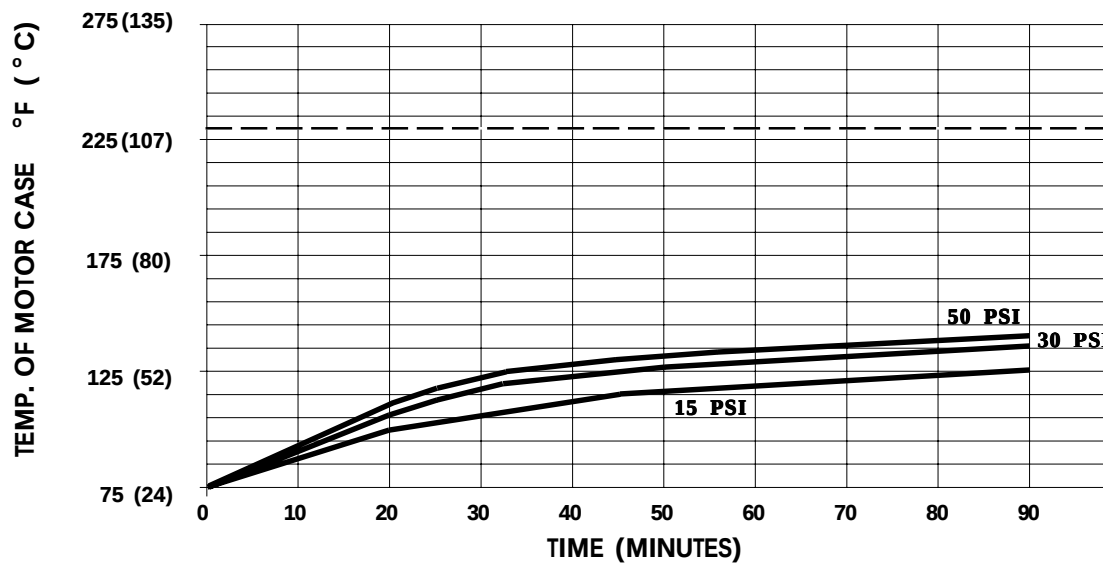


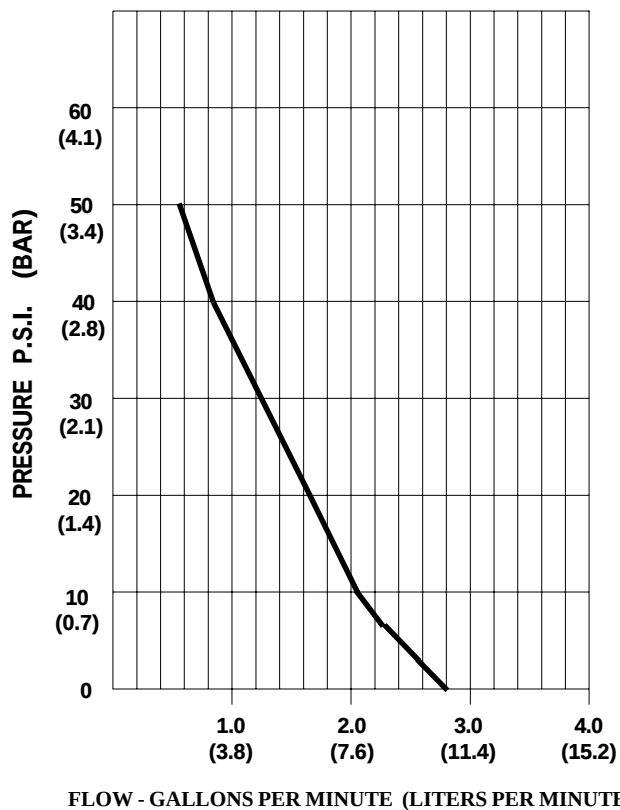
**SHURflo®***First in Fluid Innovation***PRODUCT DATA SHEET****MODEL: 2088-403-144****SPECIFICATIONS:****MODEL NUMBER:** 2088-403-144**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 3.5 Degree**MOTOR:** Permanent Magnet, P/N 11-148-04, Thermally Protected**VOLTAGE:** 12 VDC Nominal**PRESSURE SWITCH:** Adjustable from 30-50 PSI. 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 7.0 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:** 3.7 Lbs (1.68 Kg)**DUTY CYCLE:** Intermittent (See Temp. Rise Chart)**TYPICAL APPLICATIONS:** RV Potable Water**APPROVALS:** C.S.A. & I.A.P.M.O. Listed**DIMENSIONS:**

MODEL: 2088-403-144

**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 230°F.

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

**TYPICAL PERFORMANCE**

| PRESSURE (PSI) | FLOW (GPM/LIT) | RPM MIN/MAX | CURRENT (AMPS) | VOLTAGE (VOLTS) |
|----------------|----------------|-------------|----------------|-----------------|
| OPEN           | 2.80/10.6      | 1780/1855   | 3.1            | 12 VDC          |
| 10             | 2.05/7.8       | 1730/1800   | 3.7            | "               |
| 20             | 1.65/6.2       | 1670/1765   | 4.2            | "               |
| 30             | 1.24/4.7       | 1635/1755   | 4.5            | "               |
| 40             | 0.86/3.2       | 1620/1765   | 4.6            | "               |
| 50             | 0.58/2.2       | 1630/1795   | 4.5            | "               |

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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