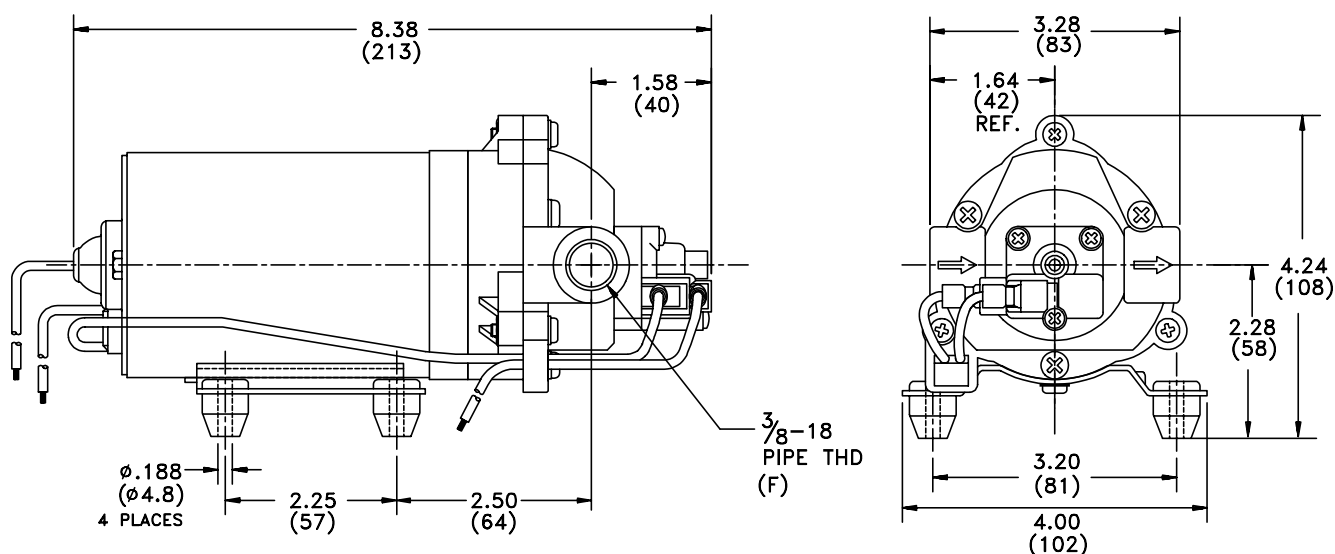
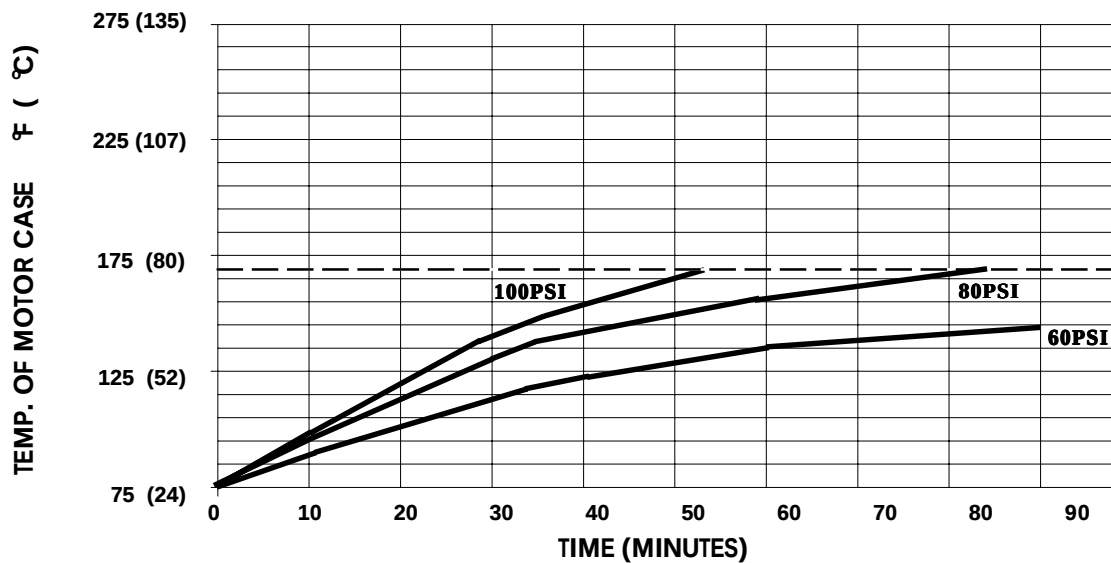


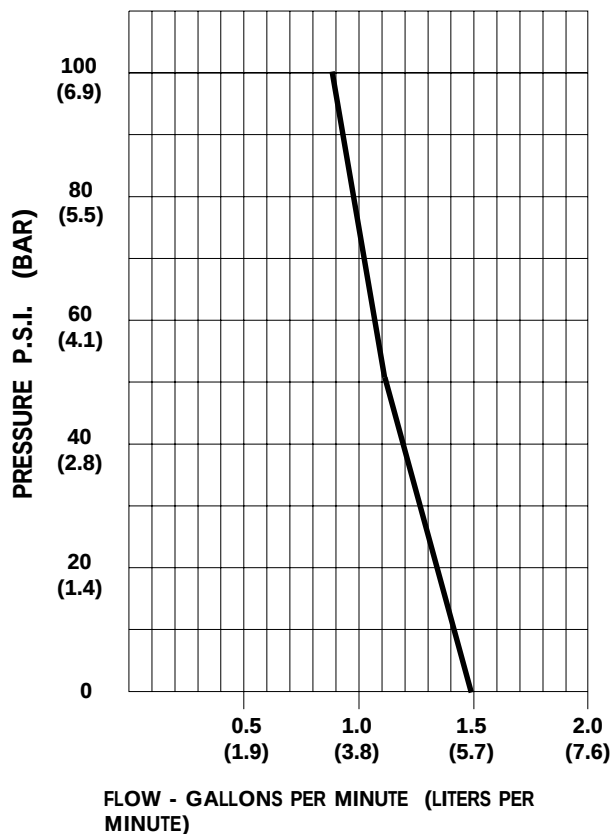
**PRODUCT DATA SHEET****MODEL: 8000-713-238****SPECIFICATIONS:****MODEL NUMBER:** 8000-713-238**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (2-Way Op.) Prevents Reverse Flow & 6 Ft. Head Forward Flow**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-150-10, Thermally Protected**VOLTAGE:** 115 VAC Nominal**PRESSURE SWITCH:** Adjustable Shut-Off (Range 80-100 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 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:** 4.9 Lbs (2.22 Kg)**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)**APPROVALS:** UL/CSA Recognized Component**TYPICAL APPLICATIONS:** Soil Extraction**DIMENSIONS:**

MODEL: 8000-713-238

**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 170° F.

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

**TYPICAL PERFORMANCE**

| PRESSURE (PSI) | FLOW (GPM/LIT) | RPM MIN/MAX | CURRENT (AMPS) | VOLTAGE (VOLTS) |
|----------------|----------------|-------------|----------------|-----------------|
| OPEN           | 1.50/5.7       | 2145/2220   | 0.36           | 115VAC          |
| 10             | 1.37/5.2       | 2055/2140   | 0.44           | "               |
| 20             | 1.30/4.9       | 1980/2055   | 0.49           | "               |
| 30             | 1.23/4.6       | 1905/1995   | 0.54           | "               |
| 40             | 1.16/4.4       | 1830/1920   | 0.59           | "               |
| 50             | 1.10/4.2       | 1770/1865   | 0.63           | "               |
| 60             | 1.04/3.9       | 1720/1820   | 0.68           | "               |
| 70             | 0.99/3.7       | 1655/1765   | 0.72           | "               |
| 80             | 0.95/3.6       | 1610/1720   | 0.76           | "               |
| 90             | 0.92/3.5       | 1560/1675   | 0.80           | "               |
| 100            | 0.87/3.3       | 1510/1620   | 0.84           | "               |

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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