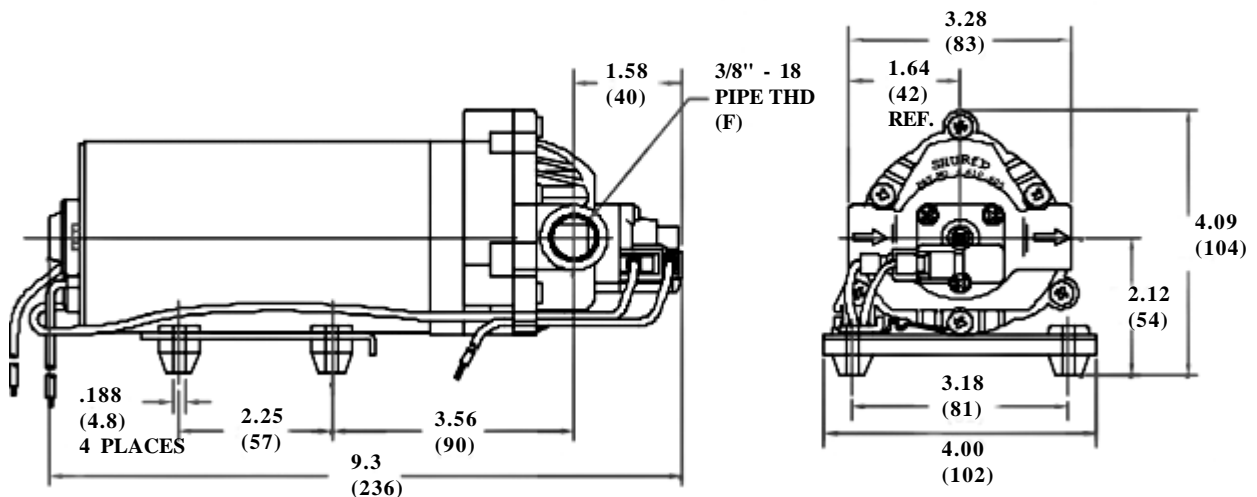


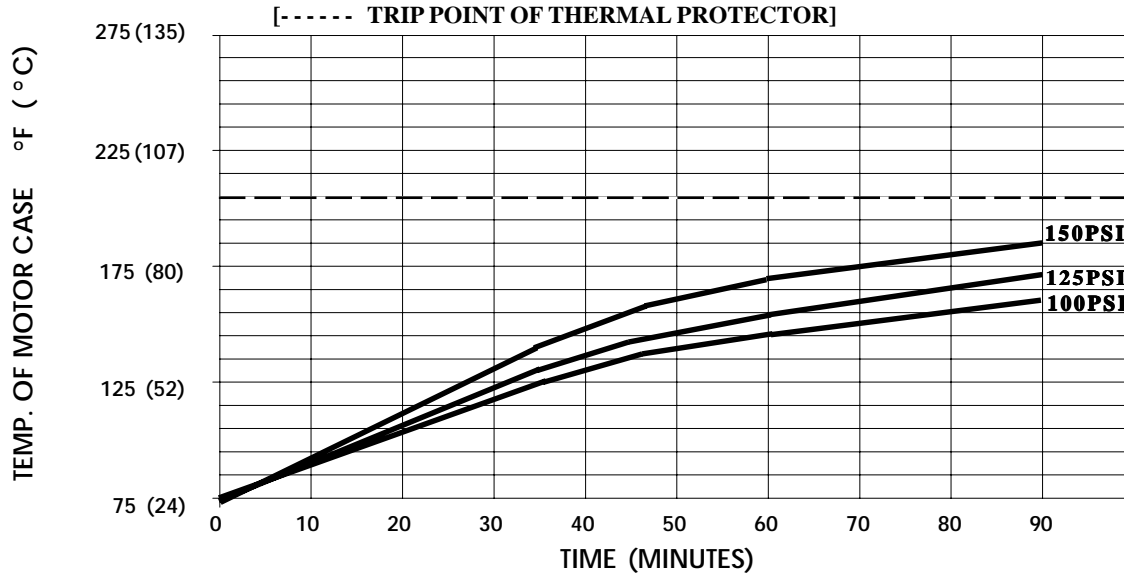
**SPECIFICATIONS:**

- MODEL NUMBER:** 8035-963-239
- 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 11-223-00, Thermally Protected
- VOLTAGE:** 115 VAC Nominal
- PRESSURE SWITCH:** Adjustable Shut-Off (Range 140-160 PSI)  
 Factory Set @ 150 PSI, Turn On 115 PSI
- LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.
- PRIME:** Self-Priming Up To 6 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:** 5.94 Lbs (2.7 Kg)
- DUTY CYCLE:** Intermittent (See Temperature Rise Chart)
- APPROVALS:** UL & CSA Recognized Component, NSF Listed
- TYPICAL APPLICATIONS:** Soil Extraction

**DIMENSIONS:**

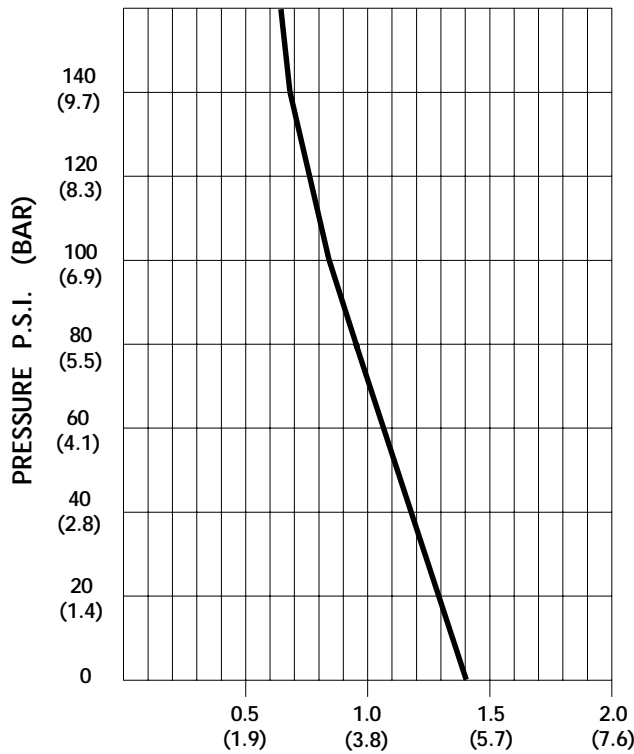


### TEMPERATURE RISE



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.

### TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	<b>1.40/5.3</b>	<b>1915/1925</b>	<b>0.30</b>	<b>115VAC</b>
10	<b>1.30/4.9</b>	<b>1875/1910</b>	<b>0.39</b>	"
20	<b>1.24/4.7</b>	<b>1820/1840</b>	<b>0.45</b>	"
30	<b>1.17/4.4</b>	<b>1785/1825</b>	<b>0.50</b>	"
40	<b>1.13/4.3</b>	<b>1730/1790</b>	<b>0.56</b>	"
50	<b>1.08/4.1</b>	<b>1675/1750</b>	<b>0.61</b>	"
60	<b>1.04/3.9</b>	<b>1660/1725</b>	<b>0.66</b>	"
80	<b>0.95/3.6</b>	<b>1590/1645</b>	<b>0.76</b>	"
100	<b>0.86/3.2</b>	<b>1525/1585</b>	<b>0.84</b>	"
120	<b>0.77/2.9</b>	<b>1475/1545</b>	<b>0.92</b>	"
140	<b>0.67/2.5</b>	<b>1440/1500</b>	<b>0.98</b>	"
150	<b>0.63/2.4</b>	<b>1420/1480</b>	<b>1.00</b>	"

FLOW - GALLONS PER MINUTE (LITERS PER MINUTE)

*-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
-ALL DATA BASED ON TESTING WITH WATER AT AMBIENT TEMPERATURE.*