

### SPECIFICATIONS:

**MODEL NUMBER:** 8000-443-136

**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 11-111-00

**VOLTAGE:** 12 VDC Nominal

**PRESSURE SWITCH:** Adjustable Shut-Off (Range 40-60 PSI)

Factory Set @ 60 PSI, Turn On 45PSI  $\pm$  5 PSI

**LIQUID TEMPERATURE:** 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.

**PRIME:** Self-Priming Up To 12 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

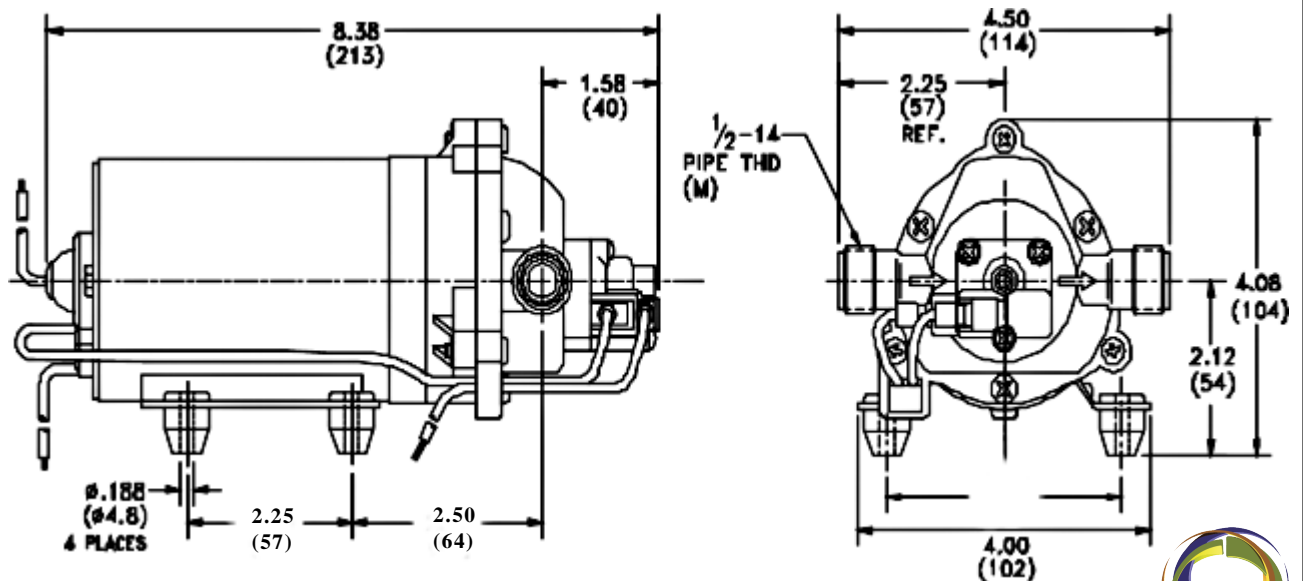
**FASTENERS-** Zinc Plated Steel

**NET WEIGHT:** 4.56 Lbs (2.07Kg)

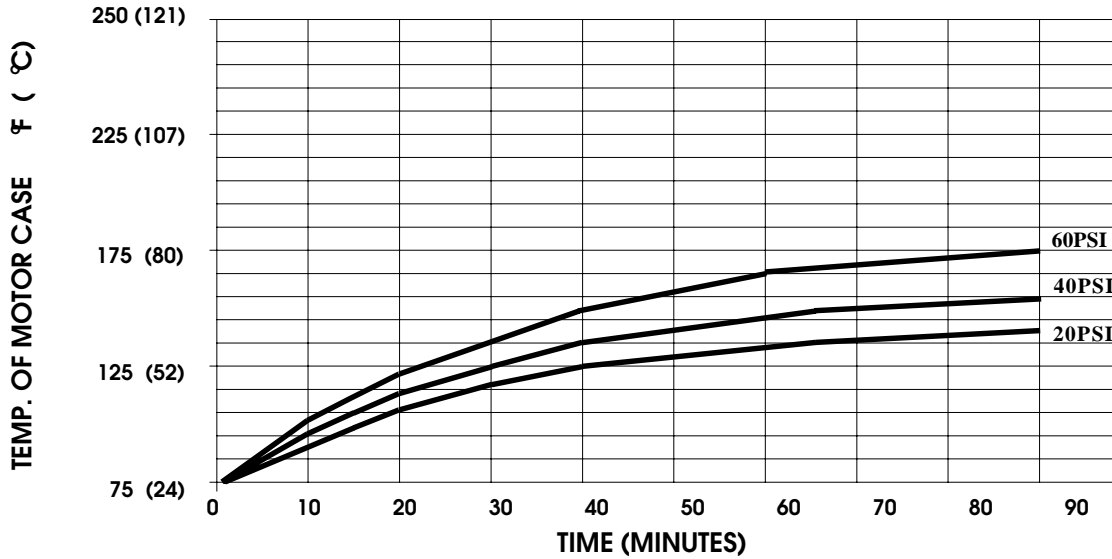
**DUTY CYCLE:** Continuous (See Temperature Rise Chart)

**TYPICAL APPLICATIONS:** Water Delivery

### DIMENSIONS:

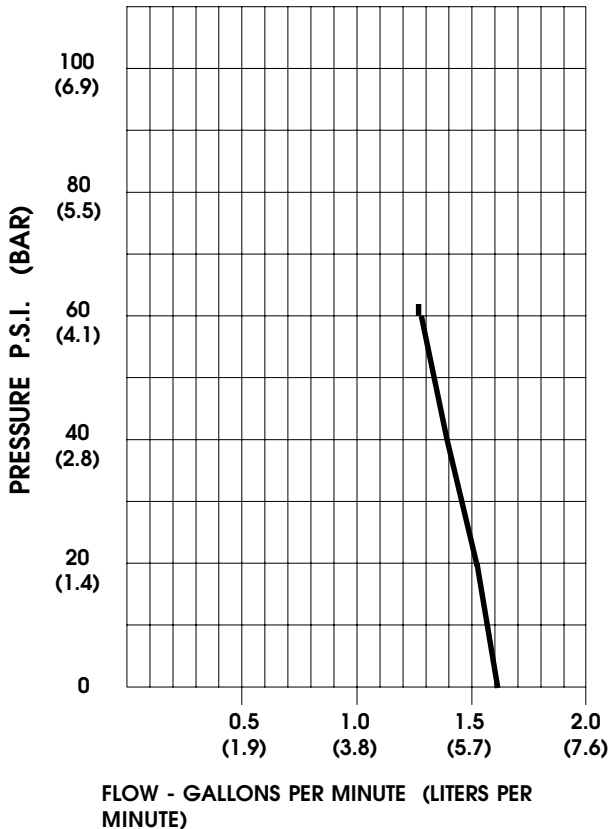


**TEMPERATURE RISE**



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.

**TYPICAL PERFORMANCE**



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.75/6.6	2290/2315	3.1	12VDC
10	1.66/6.3	225/2255	3.4	"
20	1.57/5.9	2170/2205	4.2	"
30	1.48/5.6	2130/2155	4.9	"
40	1.38/5.2	2045/2085	5.6	"
50	1.30/4.9	2020/2045	6.9	"
60	1.23/4.6	1893/1970	7.2	"

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

