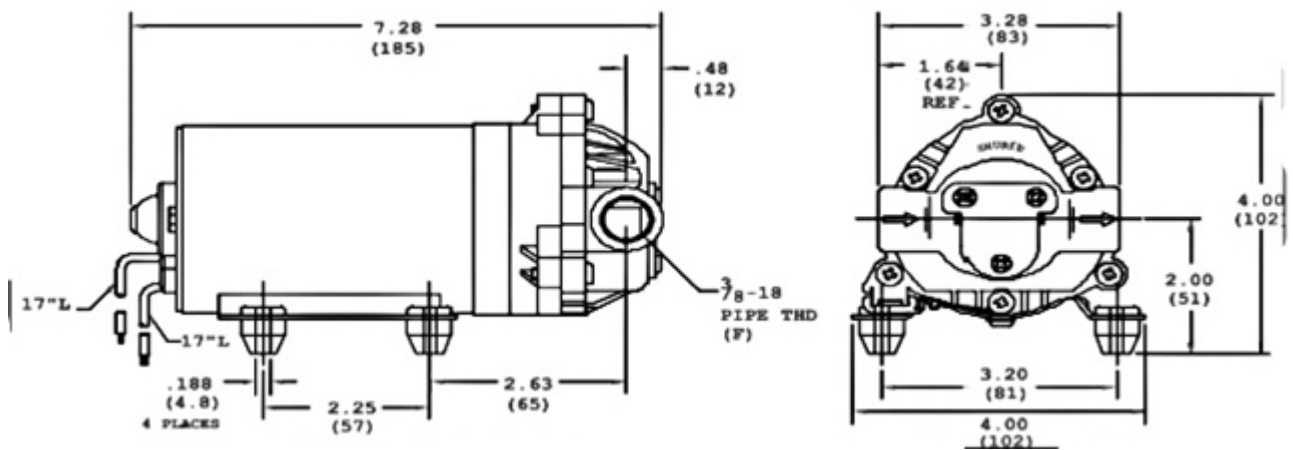


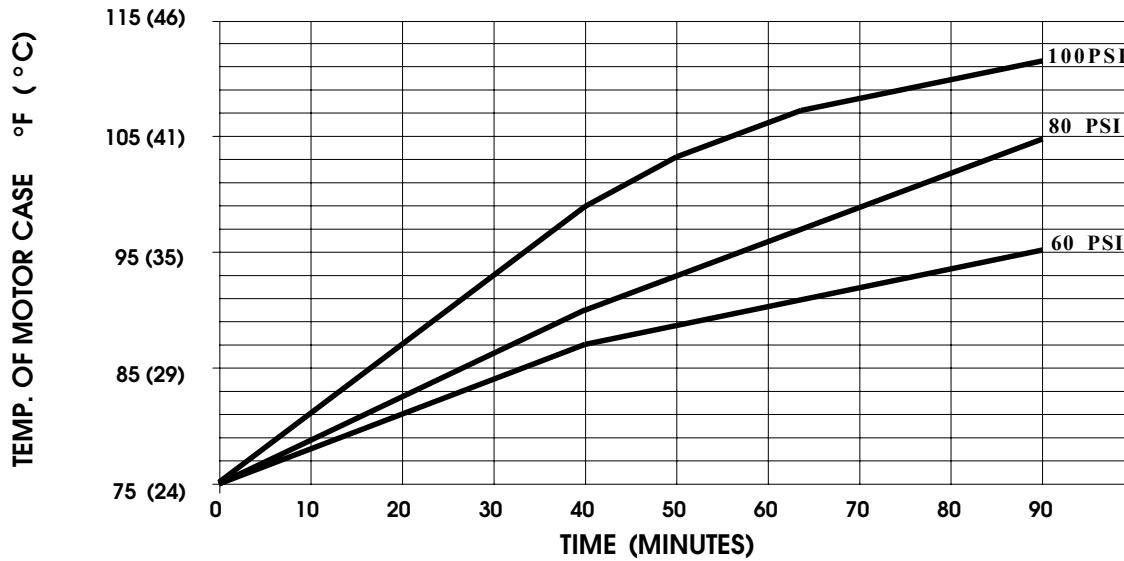
**SPECIFICATIONS:**

**MODEL NUMBER:** 8005-952-890  
**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump  
**CAM:** 2.5 Degree  
**MOTOR:** Permanent Magnet, P/N 11-147-14  
**VOLTAGE:** 24VDC Nominal  
**PRESSURE SWITCH:** None  
**LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.  
**PORTS:** 3/8"-18 NPT Female  
**MATERIAL OF CONSTRUCTION:**  
    **PLASTICS-** Nylon  
    **VALVES-** EPDM  
    **DIAPHRAGM-** Santoprene  
    **FASTENERS-** Stainless Steel  
**NET WEIGHT:** 4.6 Lbs (2.1 Kg)  
**DUTY CYCLE:** Continuous (See Temperature Rise Chart)  
**APPROVALS:** NSF Listed  
**TYPICAL APPLICATIONS:** R.O. Booster Pump  
**BYPASS:** 100 PSI

**DIMENSIONS:**

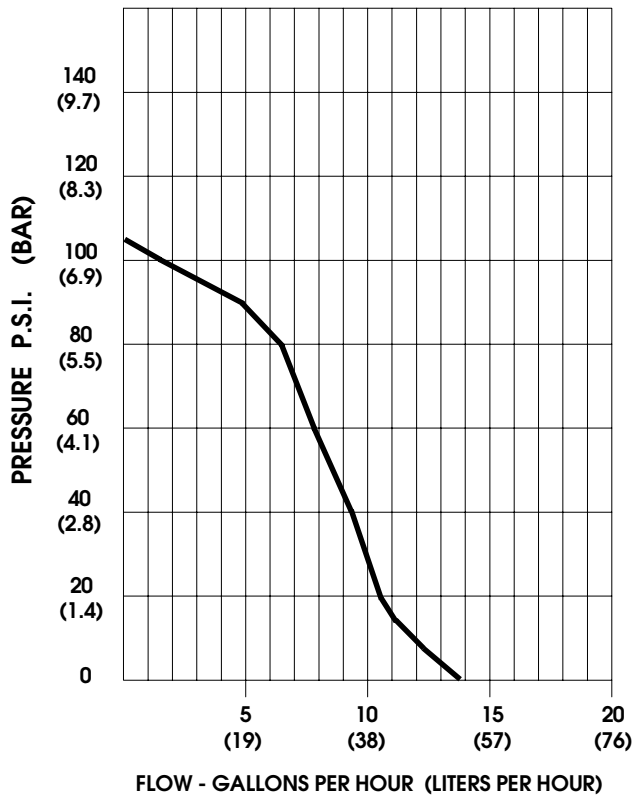


**TEMPERATURE RISE**



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.

**TYPICAL PERFORMANCE**



PRESSURE (PSI)	FLOW (GPH/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	13.7/52	415/425	0.18	24 VDC
10	11.8/45	405/410	0.21	"
20	10.4/39	385/395	0.26	"
30	9.4/36	365/380	0.32	"
40	8.8/33	345/365	0.38	"
50	8.2/31	325/345	0.42	"
60	7.7/29	305/335	0.49	"
70	7.1/27	285/325	0.54	"
80	6.4/24	265/310	0.60	"
90	4.0/15	250/300	0.65	"
100	1.5/5.7	225/290	0.69	"

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