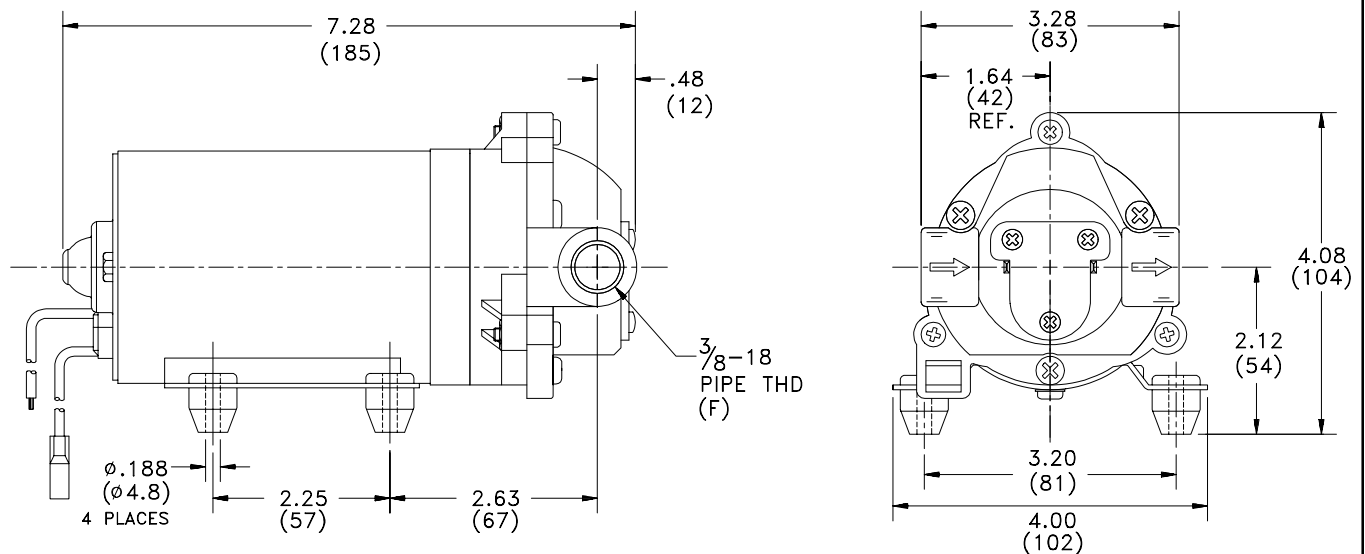
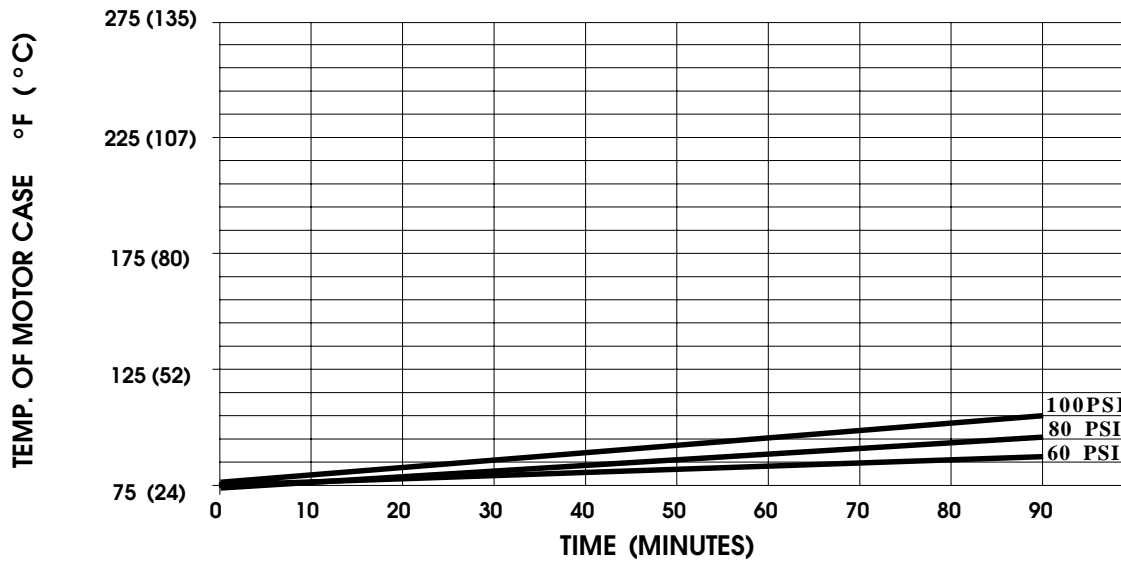


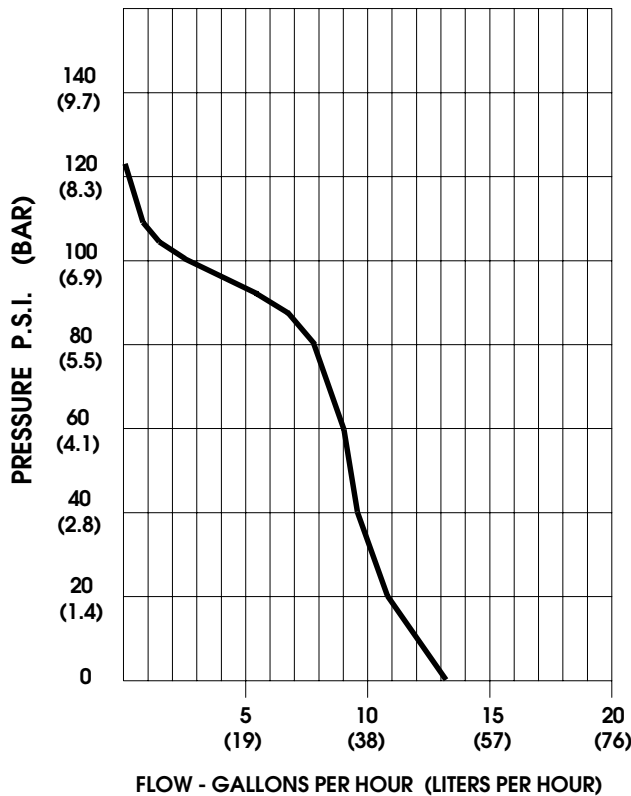
**PRODUCT DATA SHEET****MODEL: 8005-952-490****SPECIFICATIONS:****MODEL NUMBER:** 8005-952-490**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CAM:** 2.5 Degree**MOTOR:** Permanent Magnet, P/N 11-147-10**VOLTAGE:** 24VDC Nominal**PRESSURE SWITCH:** None**LIQUID TEMPERATURE:** 180 Degrees 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:** 4.75 Lbs (2.15 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 73° F IN STILL AIR.

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPH/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	13.2/50	415/425	0.14	24 VDC
10	11.4/43	405/410	0.18	"
20	10.8/41	385/395	0.23	"
30	10.2/38	365/380	0.28	"
40	9.6/36	345/365	0.34	"
50	9.3/35	325/345	0.39	"
60	9.0/34	305/335	0.44	"
70	8.4/32	285/325	0.48	"
80	7.8/29	265/310	0.53	"
90	7.2/27	250/300	0.58	"
100	2.4/9	225/290	0.64	"

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

For technical advice or service please take your pump into your local pump service center.

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