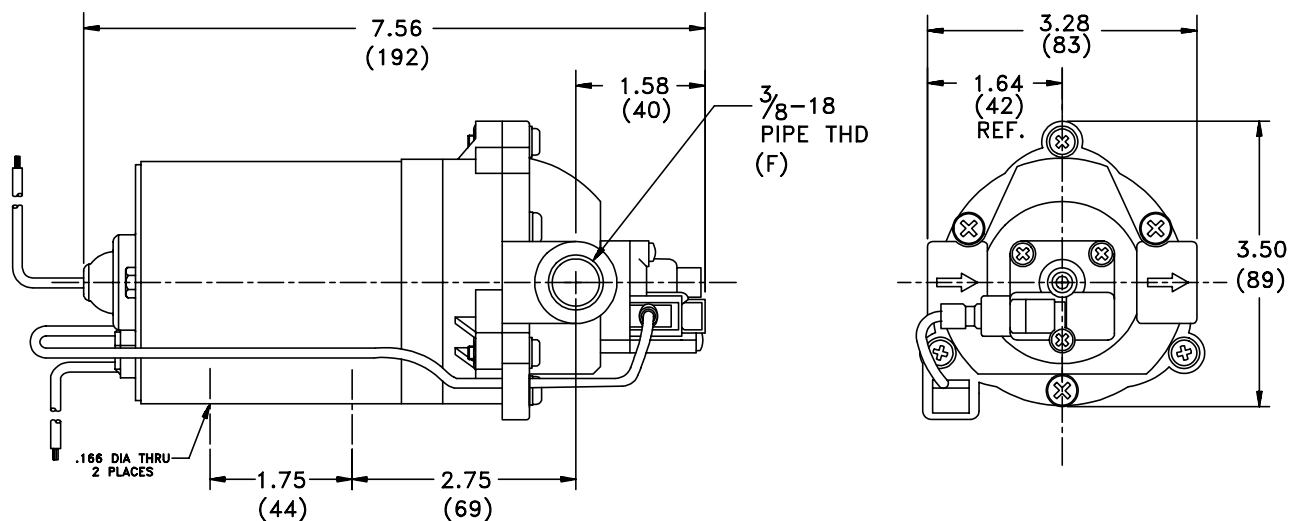
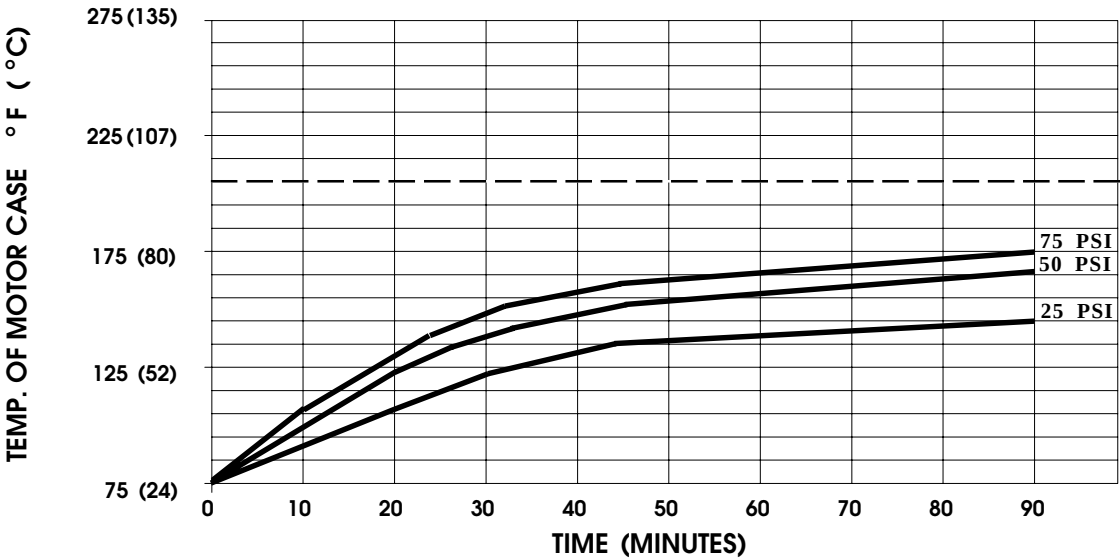


**PRODUCT DATA SHEET****MODEL: 8004-251-227****SPECIFICATIONS:****MODEL NUMBER:** 8004-251-227**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 2.0 Degree**MOTOR:** Permanent Magnet, P/N 11-190-00, Thermally Protected**VOLTAGE:** 24 VAC Nominal**PRESSURE SWITCH:** Adjustable Shut-Off (Range 40-75 PSI)Factory Set @ 75 PSI, Turn On 60 PSI $\pm$ 5 PSI**LIQUID TEMPERATURE:** 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 9 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 3/8"-18 NPT Female**MATERIAL OF CONSTRUCTION:****PLASTICS-** Polypropylene**VALVES-** EPDM**DIAPHRAGM-** Santoprene**FASTENERS-** Zinc Plated Steel**NET WEIGHT:** 3.6 Lbs (1.6 Kg)**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** Arc Welding Cooling Unit**BYPASS:** 45 + 60 PSI Springs**DIMENSIONS:**

MODEL: 8004-251-227

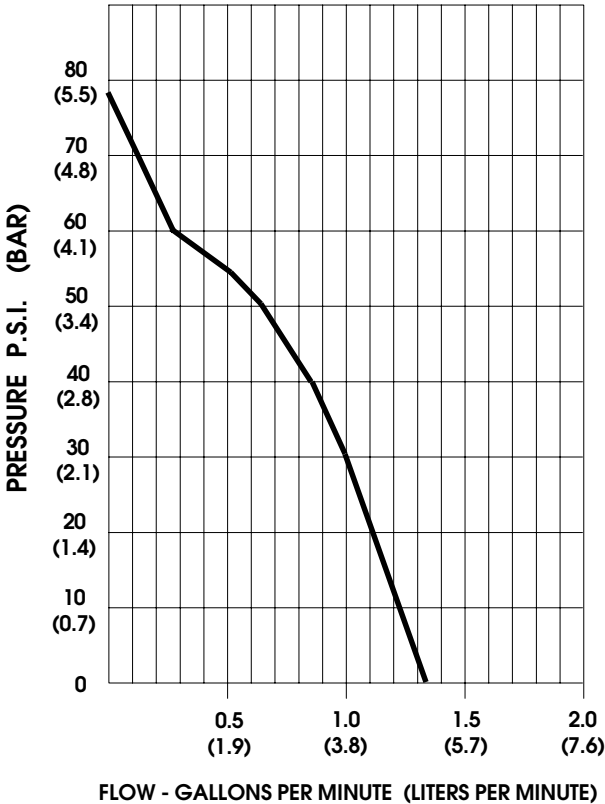
TEMPERATURE RISE



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. THE THERMAL BREAKER WILL OPEN WHEN THE CASE TEMPERATURE REACHES 205°F.

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

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.33/5.0	2515/2725	1.6	24 VAC
10	1.27/4.8	2430/2630	1.7	"
20	1.18/4.5	2330/2415	1.9	"
30	1.02/3.9	2215/2282	2.2	"
40	0.86/3.5	2130/2160	2.5	"
50	0.64/2.4	2005/2065	2.7	"
60	0.26/1.0	1960/1995	2.9	"
70	0.06/0.2	1905/1985	3.0	"

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

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