

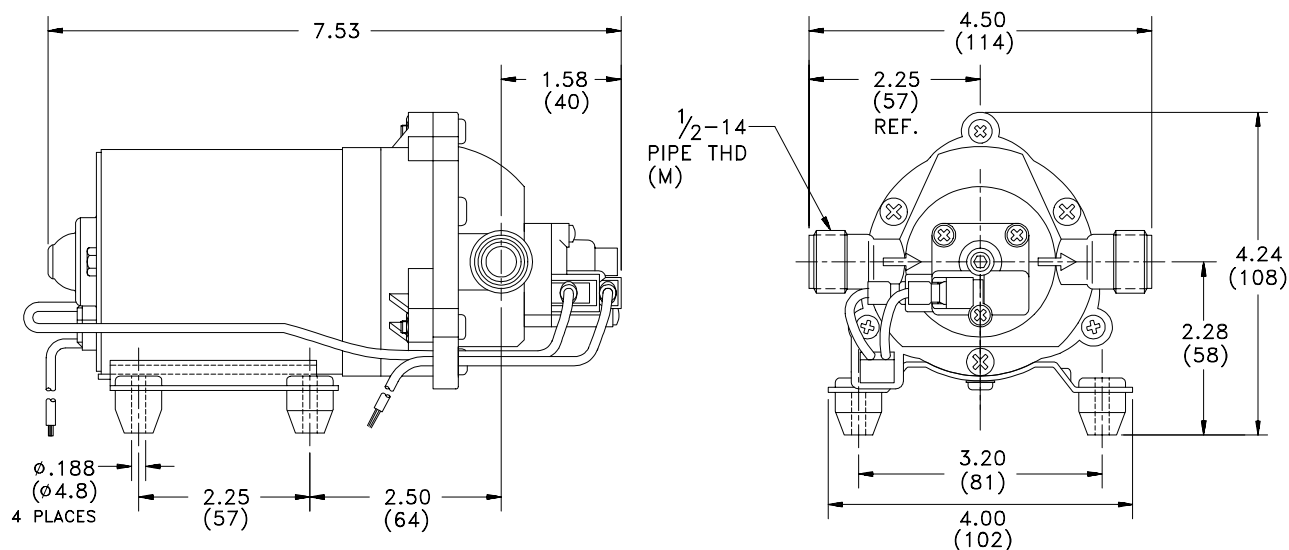
**PRODUCT DATA SHEET****MODEL: 8010-252-136****SPECIFICATIONS:****MODEL NUMBER:** 8010-252-136**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 2.5 Degree**MOTOR:** Permanent Magnet, P/N 11-142-20, Thermally Protected**VOLTAGE:** 24 VAC Nominal**PRESSURE SWITCH:** Adjustable Shut-Off (Range 40-60 PSI)Factory Set @ 60 PSI, Turn On 45 PSI $\pm$ 5 PSI**LIQUID TEMPERATURE:** 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 7.0 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 3/8"-18 NPT Female**MATERIAL OF CONSTRUCTION:**

PLASTICS- Polypropylene

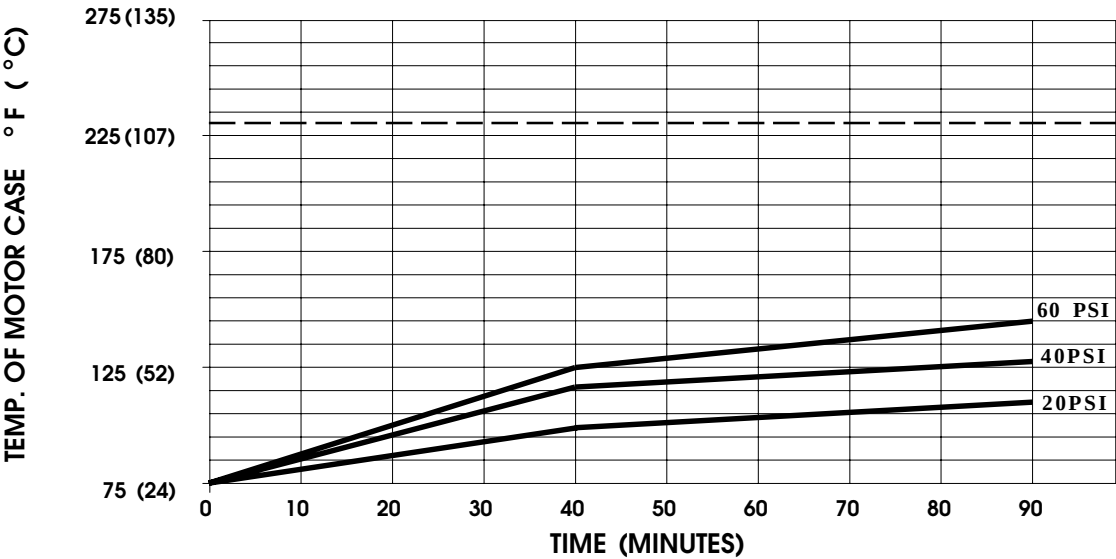
VALVES- EPDM

DIAPHRAGM- Santoprene

FASTENERS- Stainless Steel

NET WEIGHT: 3.8 Lbs (1.72 Kg)**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)**APPROVALS:** NSF Listed**TYPICAL APPLICATIONS:** Booster Pump, Water Delivery**DIMENSIONS:**

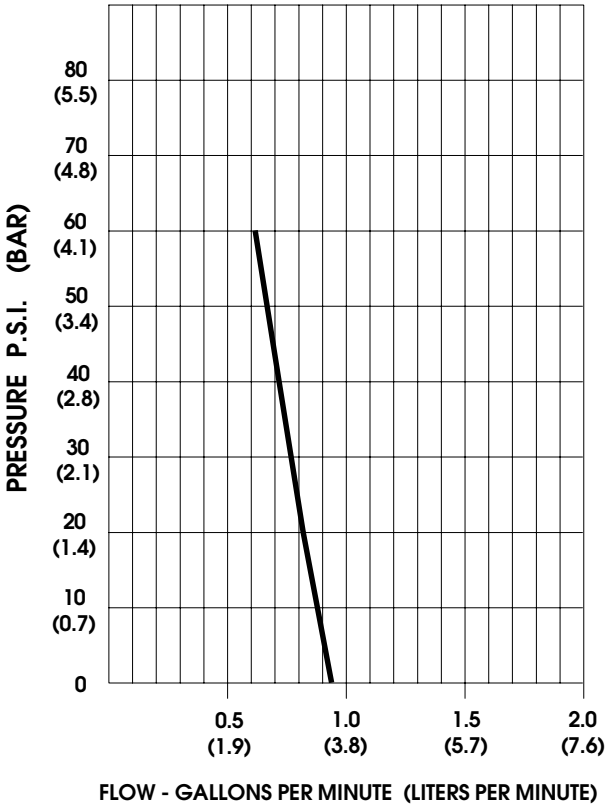
TEMPERATURE RISE



THIS GRAPH IS FOR USE AS A DESIGN GUIDE. IT IS BASED ON RUNNING CONTINUOUSLY WITH AN AMBIENT TEMPERATURE OF 75 ° F IN STILL AIR. THE THERMAL BREAKER WILL OPEN WHEN THE CASE TEMPERATURE REACHES 230 ° F.

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

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	0.95/3.6	1555/1625	0.82	24VAC
10	0.87/3.3	1500/1570	0.99	"
20	0.82/3.1	1445/1515	1.21	"
30	0.75/2.8	1385/1460	1.43	"
40	0.72/2.7	1325/1420	1.62	"
50	0.66/2.5	1290/1375	1.81	"
60	0.62/2.3	1240/1330	1.98	"

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

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