

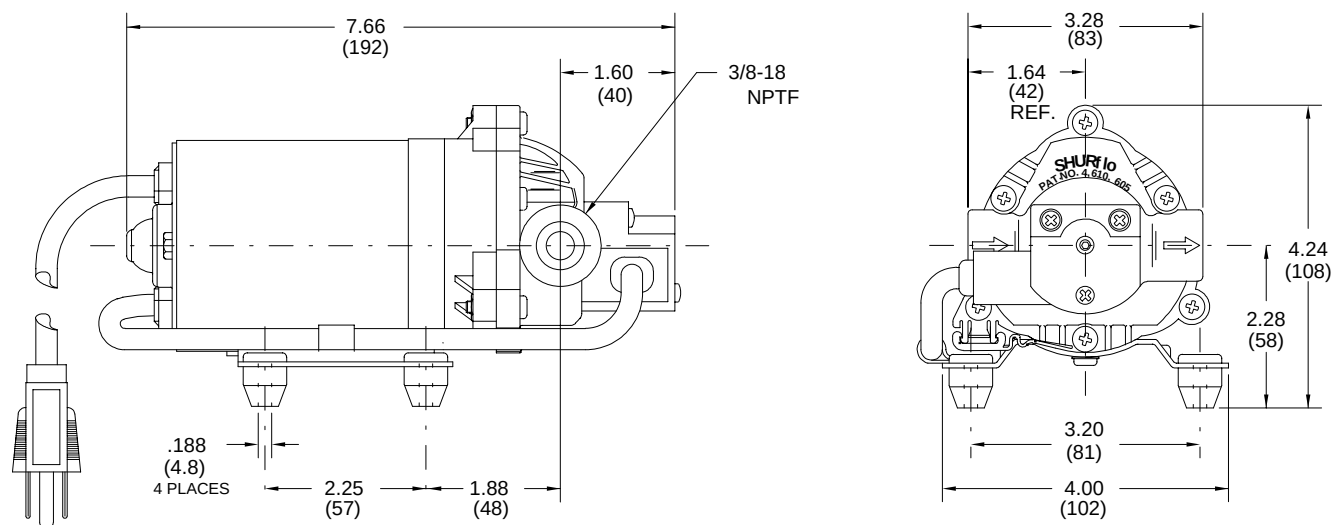
**PRODUCT DATA SHEET****MODEL: 8020-513-236****SPECIFICATIONS:****MODEL NUMBER:** 8020-513-236**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (2-Way Op.) Prevents Reverse Flow & 6 Ft. Head Forward Flow**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-194-01, Thermally Protected**VOLTAGE:** 115 VAC Nominal**PRESSURE SWITCH:** Adjustable Shut-Off (Range 40-60 PSI)Factory Set @ 60 PSI, Turn On 47 PSI $\pm$ 6 PSI**LIQUID TEMPERATURE:** 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 10.0 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 3/8"-18 NPT Female**MATERIAL OF CONSTRUCTION:**

PLASTICS- Polypropylene

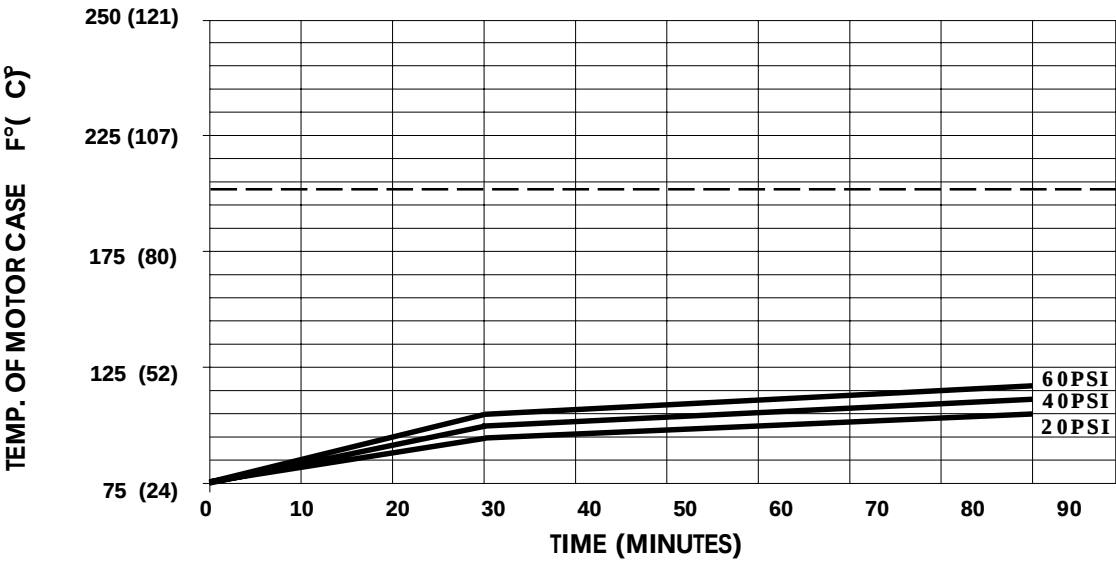
VALVES- Viton

DIAPHRAGM- Santoprene

FASTENERS- Zinc Plated Steel

NET WEIGHT: 4.34 Lbs (1.97 Kg)**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)**APPROVALS:** UL/CSA Listed**TYPICAL APPLICATIONS:** General Industrial**DIMENSIONS:**

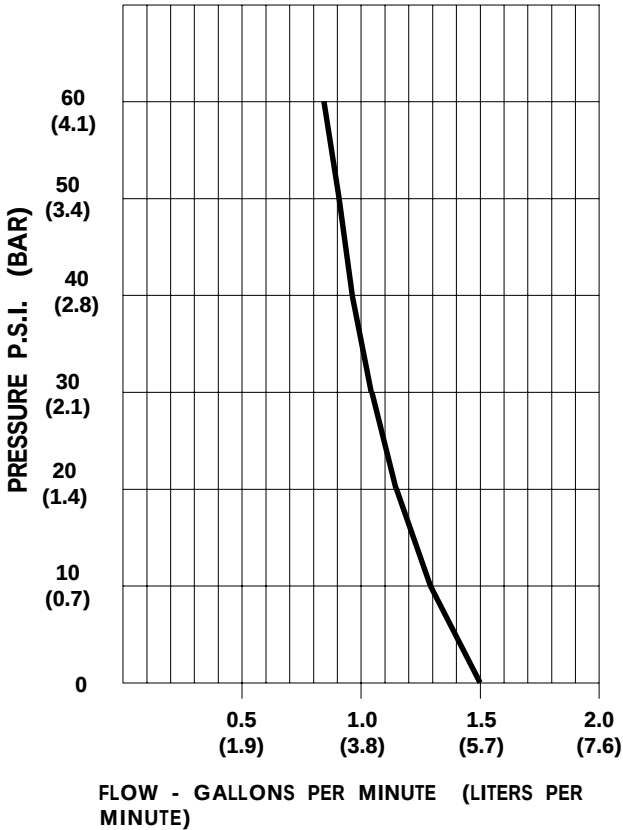
TEMPERATURE RISE



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 203 °F.

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

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.50 / 5.7	2060 / 2140	0.37	115VAC
10	1.27 / 4.8	1900 / 1990	0.46	"
20	1.15 / 4.3	1755 / 1855	0.51	"
30	1.05 / 4.0	1645 / 1750	0.56	"
40	0.96 / 3.6	1540 / 1645	0.61	"
50	0.90 / 3.4	1475 / 1560	0.65	"
60	0.84 / 3.2	1410 / 1495	0.70	"

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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