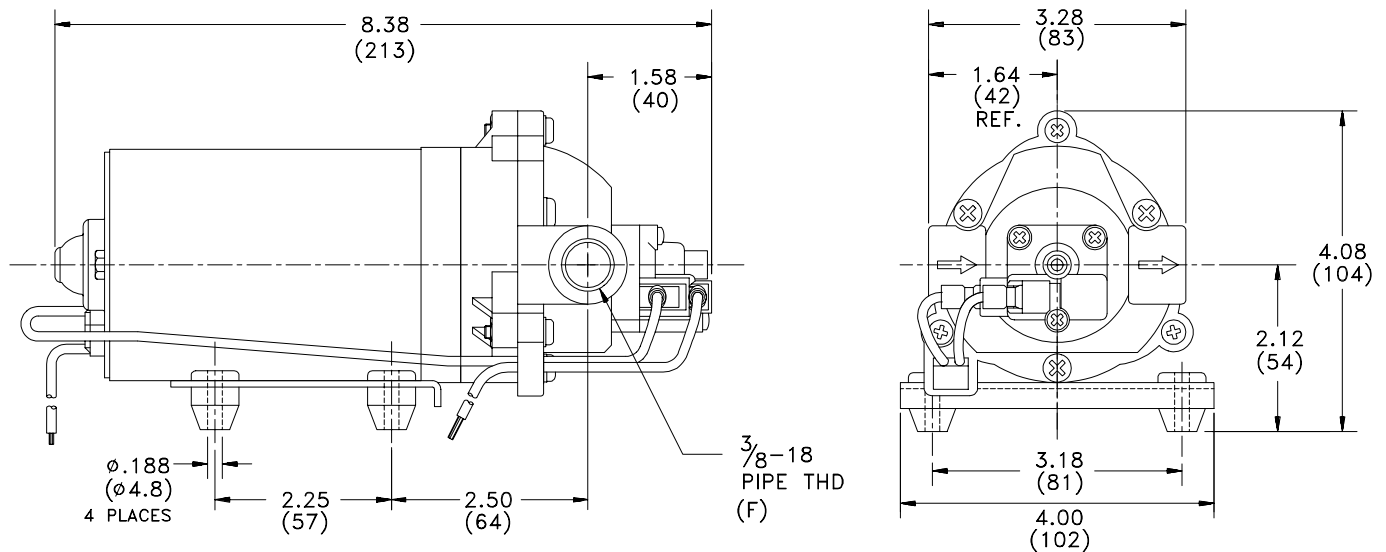
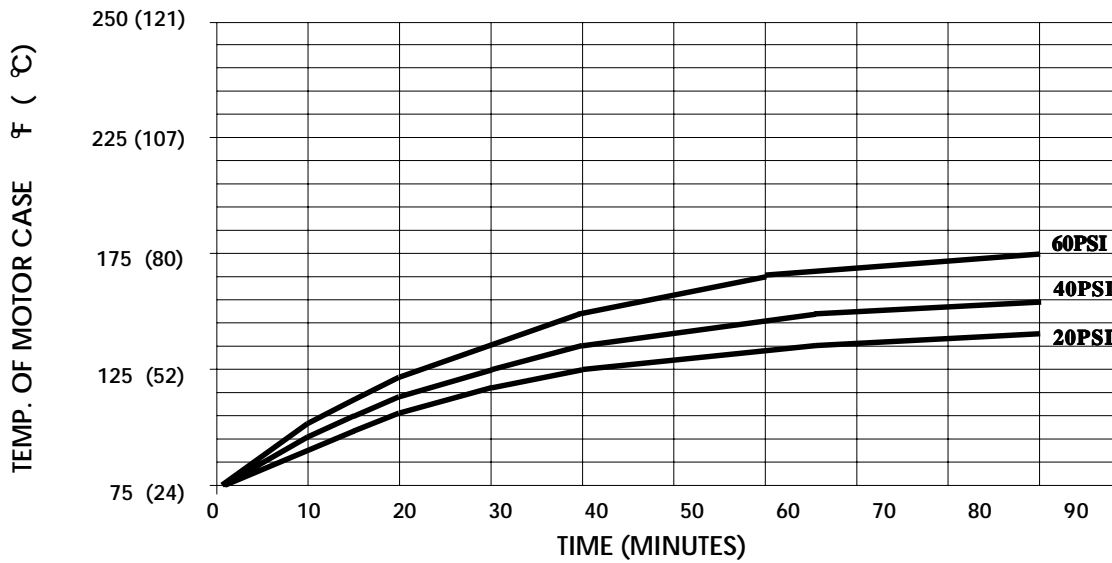


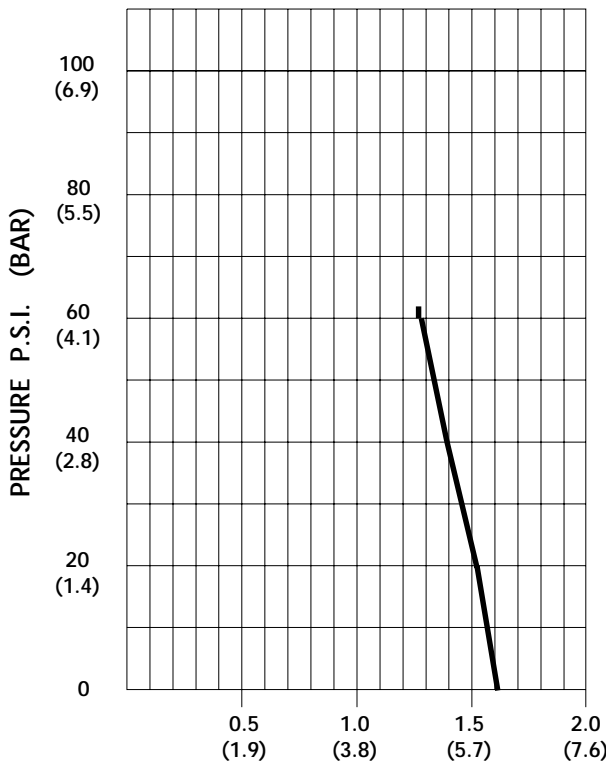
**PRODUCT DATA SHEET****MODEL: 8000-443-236****SPECIFICATIONS:****MODEL NUMBER:** 8000-443-236**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-111-00**VOLTAGE:** 12 VDC Nominal**PRESSURE SWITCH:** Adjustable Shut-Off (Range 40-60 PSI)Factory Set @ 60 PSI, Turn On 45PSI  $\pm$  5 PSI**LIQUID TEMPERATURE:** 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 12 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:** 4.56 Lbs (2.07Kg)**DUTY CYCLE:** Continuous (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** 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 70° F IN STILL AIR.

**TYPICAL PERFORMANCE**



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	<b>1.75/6.6</b>	<b>2290/2315</b>	<b>3.1</b>	<b>12VDC</b>
10	<b>1.66/6.3</b>	<b>225/2255</b>	<b>3.4</b>	"
20	<b>1.57/5.9</b>	<b>2170/2205</b>	<b>4.2</b>	"
30	<b>1.48/5.6</b>	<b>2130/2155</b>	<b>4.9</b>	"
40	<b>1.38/5.2</b>	<b>2045/2085</b>	<b>5.6</b>	"
50	<b>1.30/4.9</b>	<b>2020/2045</b>	<b>6.9</b>	"
60	<b>1.23/4.6</b>	<b>1893/1970</b>	<b>7.2</b>	"

FLOW - GALLONS PER MINUTE (LITERS PER MINUTE)

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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