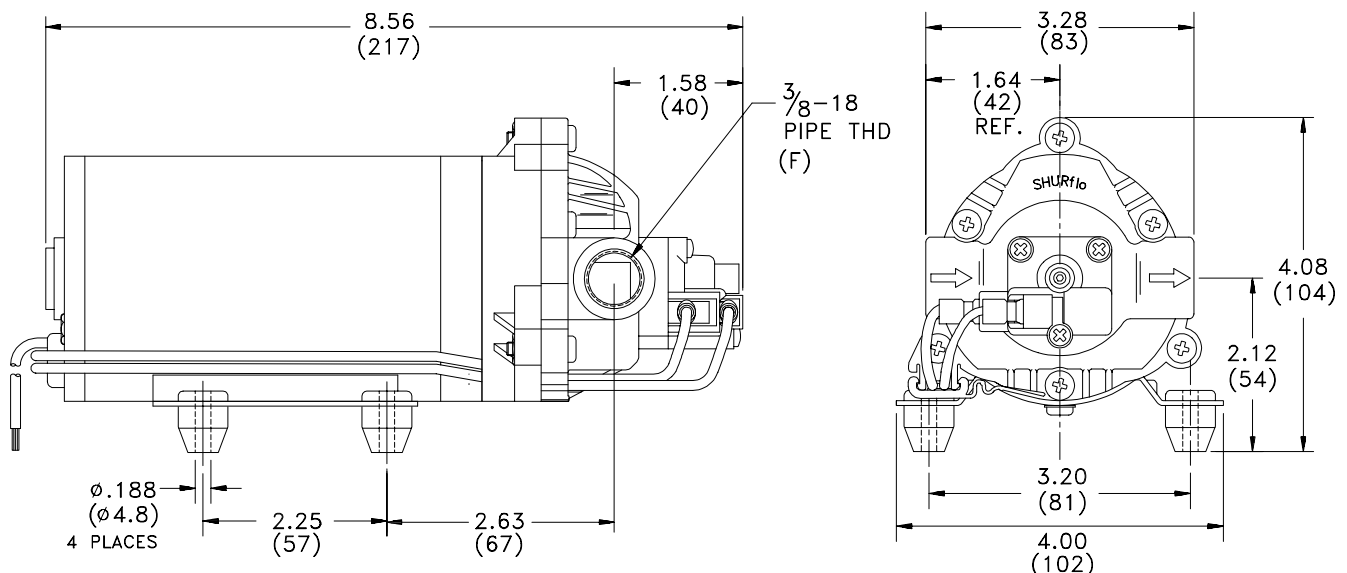
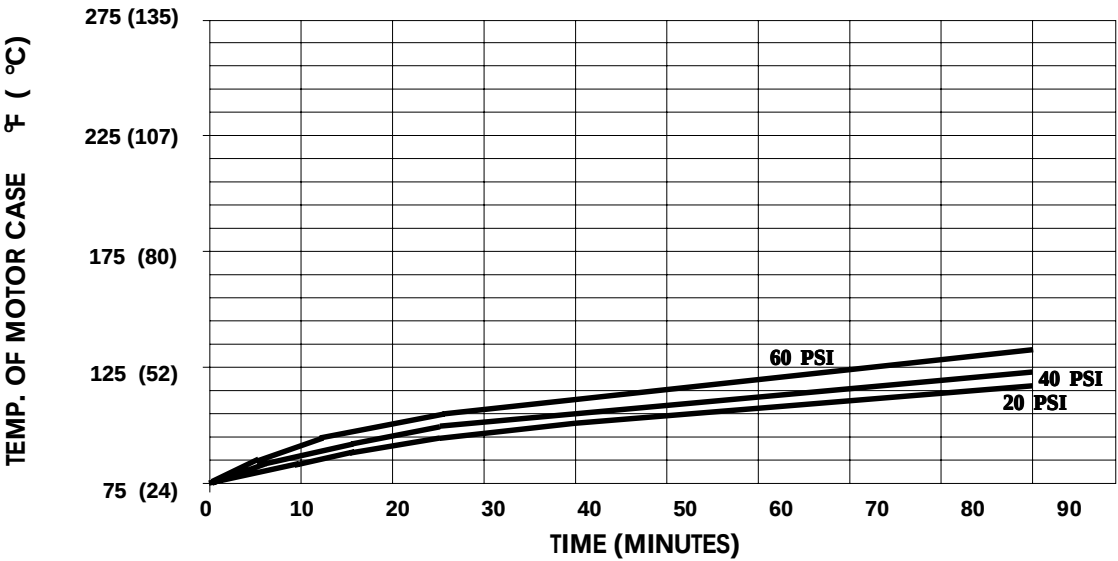


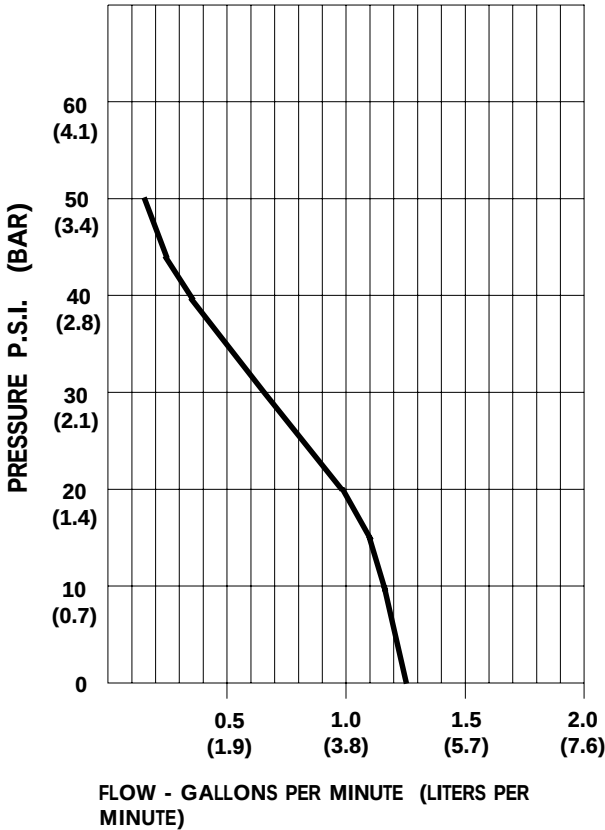
**PRODUCT DATA SHEET****MODEL: 8000-082-255****SPECIFICATIONS:****MODEL NUMBER:** 8000-082-255**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (2-Way Op.) Prevents Reverse Flow & 6 Ft. Head Forward Flow**CAM:** 2.5 Degree**MOTOR:** Permanent Magnet, P/N 11-119-05**VOLTAGE:** 36 VDC Nominal**PRESSURE SWITCH:** Adjustable Shut-Off (Range 40-60 PSI)Factory Set @ 50 PSI, Turn On 35 PSI $\pm$ 5 PSI**LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 5 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 3/8"-18 NPT Female**MATERIAL OF CONSTRUCTION:****PLASTICS-** Nylon**VALVES-** Viton**DIAPHRAGM-** Viton**FASTENERS-** Zinc Plated Steel**NET WEIGHT:** 5.3 Lbs (2.4 Kg)**DUTY CYCLE:** Continuous (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** Soil Extraction**BYPASS:** 45 PSI**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	1.23/4.6	2015/2535	0.91	36 VDC
10	1.16/4.4	1990/2500	1.06	"
20	1.00/3.7	1970/2460	1.24	"
30	0.64/2.4	1945/2430	1.39	"
40	0.34/1.3	1870/2400	1.54	"
50	0.14/0.5	1855/2350	1.67	"

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

To order pump or parts or for pricing please go to the following links :

[Shurflo Pumps Home >>](#)

[Shurflo Pumps stock list >>](#)