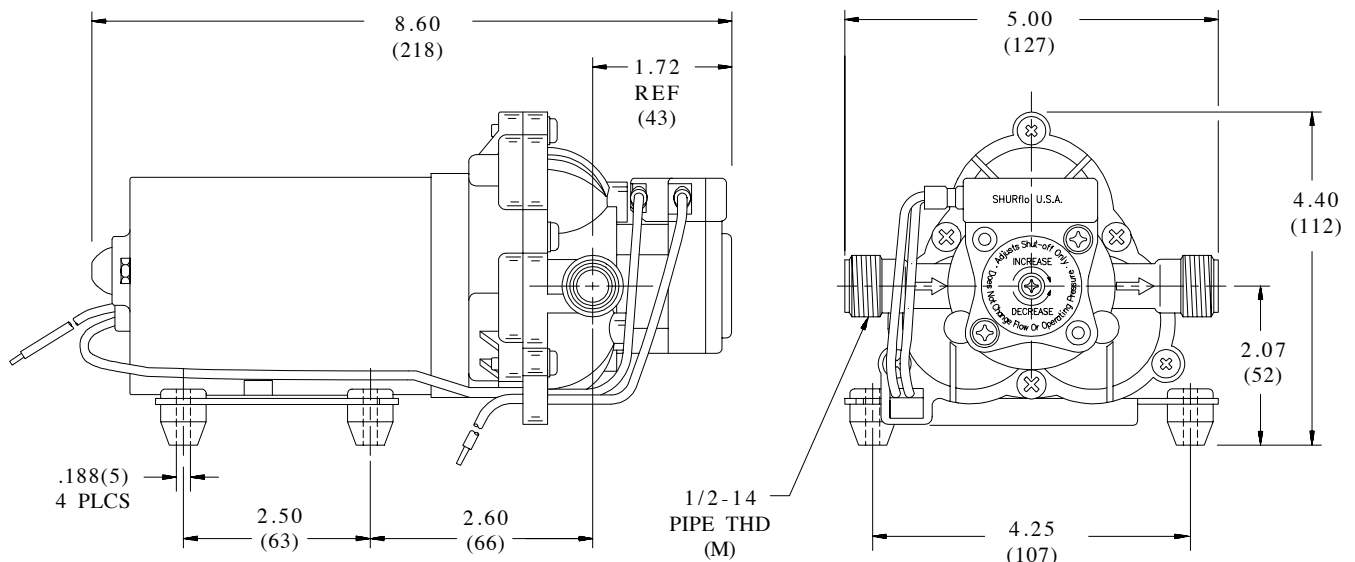


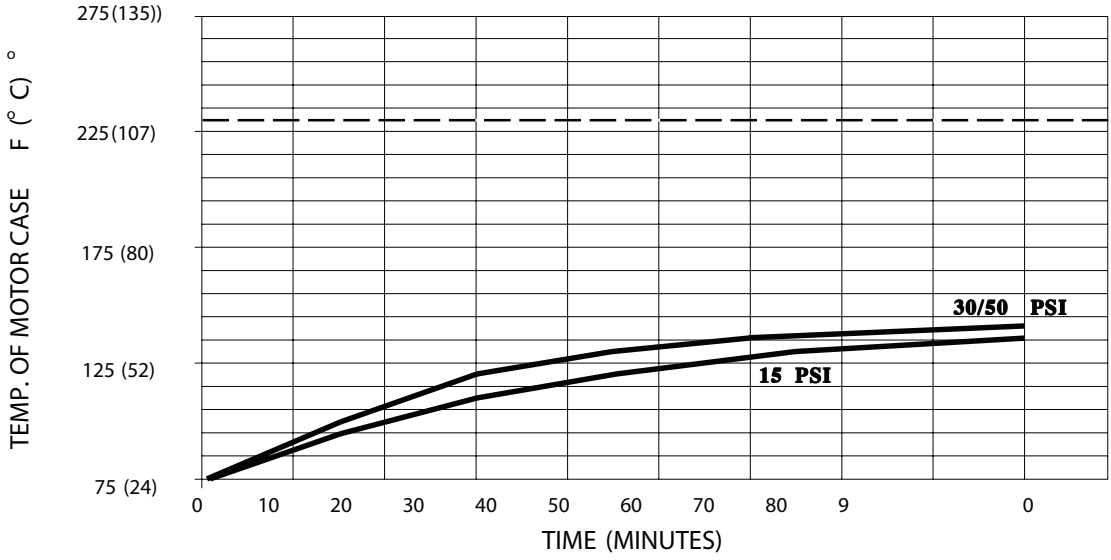
SPECIFICATIONS:

MODEL NUMBER: 2088-594-154  
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 11-150-10, Thermally Protected  
VOLTAGE: 115 VAC Nominal  
PRESSURE SWITCH: Adjustable from 30 to 50 PSI. Factory Set @ 45 PSI Shut-Off,  
Turn On  $25 \pm 5$  PSI  
LIQUID TEMPERATURE: 130 Degrees Fahrenheit (54 Degrees Centigrade) Max.  
PRIME: Self-Priming Up To 9.0 Ft. Vertical,  
Max. Inlet Pressure 30 PSI (2.1 Bar)  
PORTS: 1/2" - 14 Male Parallel Thread  
MATERIAL OF CONSTRUCTION:  
PLASTICS- Polypropylene  
VALVES- Santoprene  
DIAPHRAGM- Santoprene  
FASTENERS- Zinc Plated Steel  
NET WEIGHT: 5.1 Lbs (2.31 Kg)  
DUTY CYCLE: Intermittent (See Temp. Rise Chart)  
TYPICAL APPLICATIONS: Water Delivery  
APPROVALS: NSF Listed, UL/CSA Recognized Component

DIMENSIONS:



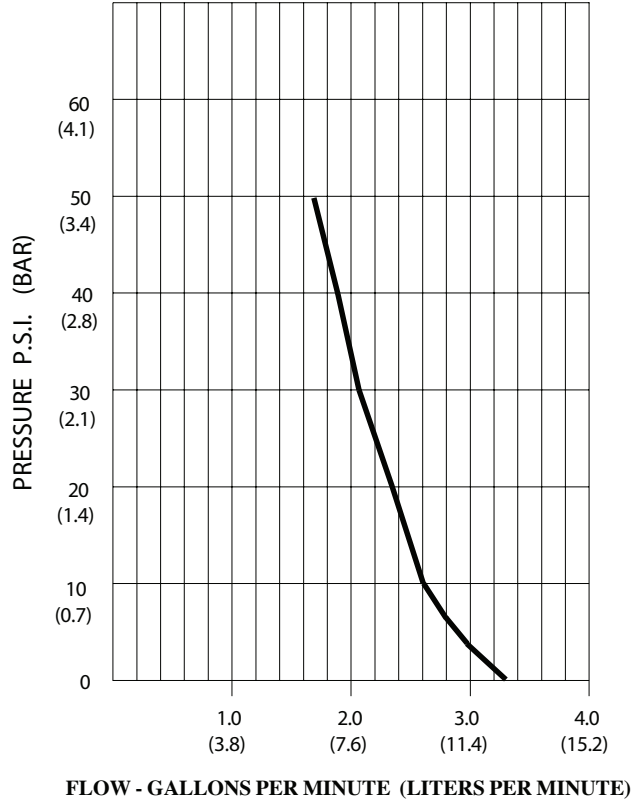
TEMP ERATURE RISE



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	<b>3.30/12.5</b>	<b>1945/1980</b>	<b>0.53</b>	<b>115 VAC</b>
10	<b>2.60/9.8</b>	<b>1890/1930</b>	<b>0.58</b>	"
20	<b>2.34/8.8</b>	<b>1775/1820</b>	<b>0.67</b>	"
30	<b>2.08/7.9</b>	<b>1670/1715</b>	<b>0.76</b>	"
40	<b>1.85/7.0</b>	<b>1600/1635</b>	<b>0.85</b>	"
50	<b>1.64/6.2</b>	<b>1550/1575</b>	<b>0.94</b>	"

-SPECIFICATIONSSUBJECTTOCHANGEWITHOUTNOTICE.  
 -ALLDATABASEDONTESTINGWITHWATER.