

PRODUCT DATA SHEET

MODEL: 8025-213-256

SPECIFICATIONS:

MODEL NUMBER: 8025-213-256

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 11-194-01, 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- EPDM

DIAPHRAGM- Santoprene

FASTENERS- Zinc Plated Steel

NET WEIGHT: 4.34 Lbs (1.97 Kg)

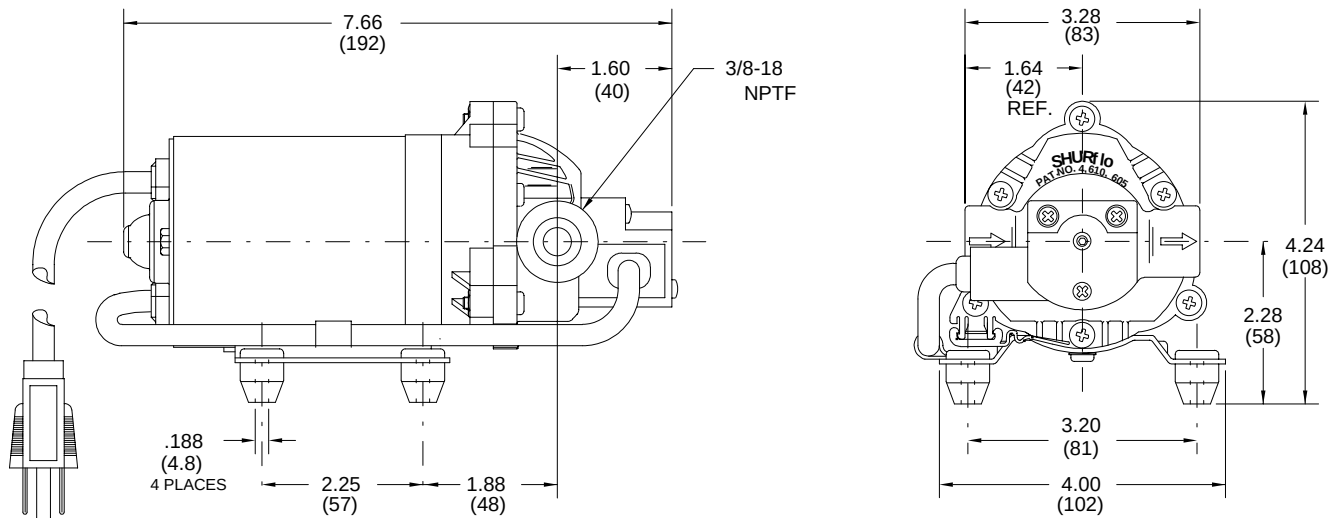
DUTY CYCLE: Intermittent (See Temperature Rise Chart)

APPROVALS: NSF/UL/CSA Listed

BYPASS: 45 PSI

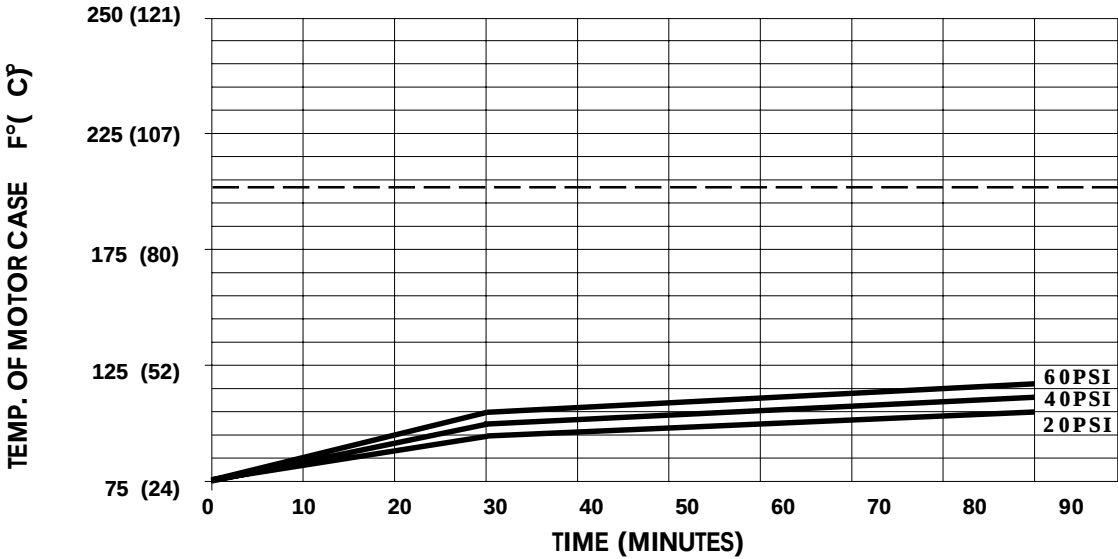
TYPICAL APPLICATIONS: Water Delivery

DIMENSIONS:



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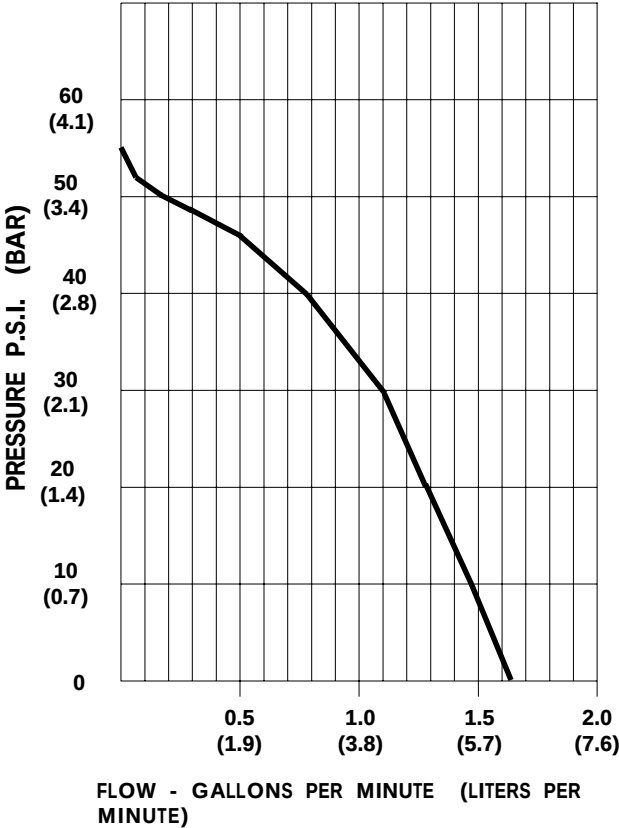
TEMPERATURE RISE



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	1.62/6.1	2050/2060	0.35	115VAC
10	1.47/5.6	1980/1990	0.41	"
20	1.32/5.0	1855/1870	0.47	"
30	1.12/4.2	1735/1750	0.53	"
40	0.77/2.9	1635/1670	0.58	"
50	0.14/0.5	1580/1625	0.61	"

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

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