

# QUAD PUMPS

## 4000 SERIES PUMPS

Flojet developed the quad pumps to deliver higher flows up to 5 GPM using a four-piston design with excellent self-priming capability.

### SPECIAL FEATURES

- Built-in pressure switch automatically starts and stops pump instantaneously when discharge valve opens and closes.
- Compact design and plug-in port fittings make installation easy.
- Can run dry without damage and handle liquids up to 130° F (54° C).
- No metal contact with liquid being pumped.
- Ball bearing drive throughout pump and motor assures longer pump life.
- Excellent self-priming capability. Pump may be located above the liquid level.
- Powerful, permanent magnet motor with low current draw and long life brushes.

### SPECIFICATIONS

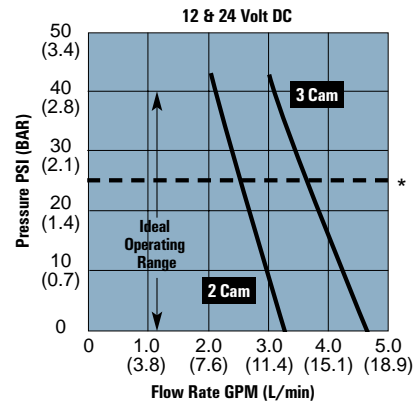
Flow Rate: 3.5 to 5.0 GPM (13.2 and 18.9 L/min) Nominal
Pump Design: Diaphragm
Shaft Seal: None
Motor: TEFC Permanent Magnet Motor
Voltage: 12 & 24 Volt DC, 115 & 230 Volt AC
Cycle: 50/60 hertz for AC Models
Current: 1.5 amp max. (115 V)
Pressure Switch Setting: 45 PSI (3.2 bar) cut out
Maximum Operating Pressure: 40 PSI (2.8 bar)
Self-Priming: Up to 8 ft. (2.4 m) Vertical Height
Ports: Plug-In Ports 1/2" or 3/4" Hose Barb Standard (Consult Factory for other type of Port Fittings)
Wetted Parts: Housing Modified Polypropylene - Standard Elastomers Santoprene® and Buna - Standard
Net Weight: 4 lbs. (2 kg)

STANDARD MODELS	CAM NO.
<b>115 VOLT 3.5 GPM 1/2" HOSE BARB</b>	
4300-042 Santo/EPDM, Switch at 45 PSI (3.2 bar)	2
4100-500 Santo/EPDM, No Pressure Switch	2
<b>115 VOLT 5.0 GPM 3/4" HOSE BARB</b>	
4300-043 Santo/EPDM, Switch at 45 PSI (3.2 bar)	3
4100-512 Santo/Viton®, No Pressure Switch	3
<b>12 VOLT 3.5 GPM 1/2" HOSE BARB</b>	
4300-142 Santo/EPDM, Switch at 45 PSI (3.2 bar)	2
4100-505 Santo/EPDM, No Pressure Switch	2
<b>12 VOLT 5.0 GPM 3/4" HOSE BARB</b>	
4300-143 Santo/EPDM, Switch at 45 PSI (3.2 bar)	3
4100-143 Santo/EPDM, No Pressure Switch	3

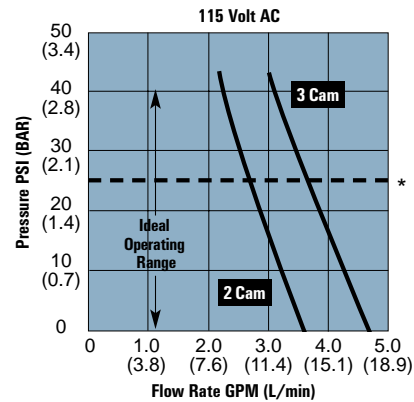
Note: All Motors Are Fan Cooled With A Thermal Switch Used On All Non-Pressure Switch Models.



### PUMP PERFORMANCE



\* Continuous Duty Max Pressure For No Switch 3 Cam Models.



\* Continuous Duty Max Pressure For No Switch 3 Cam Models.

### DIMENSIONS inches (mm)

