



# 2 Gallon SS Water Booster System



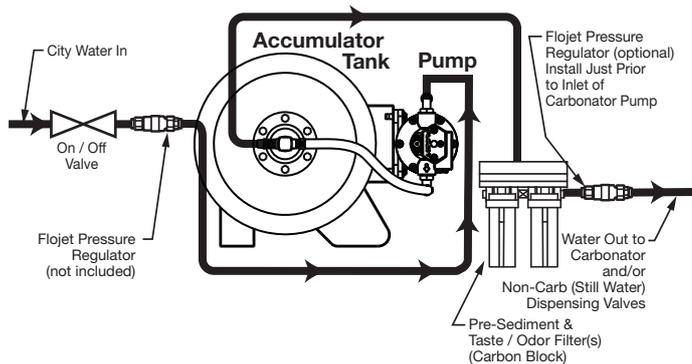
FLOJET 2 Gallon SS Water Booster System is designed to provide a constant water pressure of up to 87 psi (6 bar) and a maximum flow rate of 1.5 gpm (5.7 lpm) at 10 psi (0.7 bar). The pump is fully automatic, with an integral pressure switch and check-valve to maintain system pressure and will supply a smooth water flow at various requirement levels.

## Features and Benefits

- Highest capacity for its size
- Advanced pump technology for extended life
- Stainless-steel accumulator tank
- Replaceable food grade bladder
- Provides consistent pressure
- Supports carbonators, dispensing valves, and other appliances
- Highly efficient operation
- Increased draw-down time

# 2 Gallon SS Water Booster System

## Typical Installation



## Applications

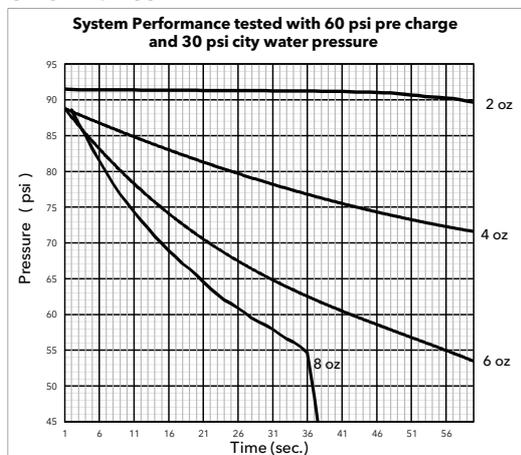
Provides constant pressure water supply to:

- Carbonators
- Ice makers
- Non-carbonated drink dispensing valves
- Coffee / tea brewers
- FCB / frozen drink machines
- Moist-heat food holding cabinets

## Special Features

- Highest capacity for its size
- Ultimate performance and reliability, with extended service life
- Over 100% increase in draw-down volume vs competitive models

## Pump Performance



## Specifications

Pump Design: Motor-operated 3 chamber diaphragm

Motor: Permanent magnet

Wetted Parts:

Diaphragm Santoprene™  
 Check valve EPDM  
 Pump Housing Nylon

Accumulator Tank:

Housing 304 stainless Steel  
 Bladder Butyl (food grade)

System Weight:

17.5 lb (7.9 kg)

## Performance Specifications: Pump

Max Amp Draw: 115V AC 0.9 amp  
 230V AC 0.5 amp  
 Cycle 50/60 Hz

Liquid Temp: Min: 40° F (5° C)  
 Max: 120° F (49° C)

Priming: Dry 6 feet (1.9 m)  
 Wet 10 feet (3.1 m)

Max Flow: 1.5 GPM (5.7 LPM)

Max Discharge Pressure: 87 psi (6 bar)

Max Inlet Pressure: 30 psi (2.1 bar)

## Performance Specifications: Tank

Total Capacity, Tank: 4 gallons (15 liters)

Total Capacity, Bladder, without stretching: 2.0 gal (7.6 liters)

Draw-down Volume: ~1.8 gallons @ 50 psi air inlet  
 (6.8 liters @ 3.5 bar)

Max Operating Pressure: 100 psi (6.9 bar)

Max Working Temp: 120° F (49° C)

Port Size: 3/8" (10 mm) Pump Inlet Hose Barb

1/2" (13 mm) Tank Discharge Port Hose Barb

## Certifications

| Model     | Voltage | Certification |
|-----------|---------|---------------|
| 02830000A | 115 VAC | NSF           |
| R2830001A | 230 VAC | NSF           |



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